

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Inlet A	Date: 9/4/2026	Start Time: 9:45 am
	SWIMS Station ID: 10060853	WBIC: 5027630	End Time: 10:15 am
	GPS Coordinates in the Field: 43.739914, -88.973824		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: cloudy hot w/ some rain
	Staff Gage ID:		
	Gage Level (ft.):		
	Water Depth at Site (ft.):	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
Device used: sec sheet Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating Other Observations:			

Transparency	Secchi Depth *Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
Transparency Tube *Inlet and Outlet monitoring only	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:	
	15	18	16.5 cm		

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	Y N	Y N	Y N	Y N
	TN	Y N	Y N	Y N	Y N
	Orthophosphate	Y N	Y N	Y N	Y N
	NO2 + NO3 as Nitrogen	Y N	Y N	Y N	Y N
	Chlorophyll a	Y (N)	Y N	Y N	Y N
For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected?					
Has lab "Test Request Form" been completed and photograph taken? (circle one) Ye (Y) N					
Will samples be shipped or dropped off? (Circle one) Shipped (Dropped off)					

Additional Metrics	YSI Probe Parameters:	
	Temperature:	18.45 °C
	Dissolved Oxygen (DO):	7.32 ppm 79.9 %
	Turbidity:	
	pH:	7.67

Little Green Lake - Stream Flow Field Data Sheet

Station Info	Station Name: Inlet A - North side of road	Date: 9/04/2024	Start Time: 8:45am
	SWIMS Station ID: 10060853	WBIC: 5027630	End Time: 10:15am
	Team Member Name(s): Karin Doering		

Stream Width & Depth	Waterway Width (ft.): 7.0 ft		# of Intervals: 10		Other Observations: Shallow Rocky substrate slightly embedded
	Length Assessed (ft.): 20 ft		Width of Intervals: 0.7		
	Interval	Water Depth (ft.)	Interval	Water Depth (ft.)	Total Sum of Depths: 1.76
	1	0.0	11		
	2	0.02	12		Average Depth (Total Sum of Depths/ # of Intervals): 0.176
	3	0.18	13		
	4	0.24	14		Cross-Sectional Area (Average Depth x Stream Width): 1.232
	5	0.30	15		
	6	0.28	16		Stream Depth Measurement Reminders: • Measure water depth at equal intervals across the stream. • The first depth is always zero to represent the stream edges. • Only measure in decimal feet (not feet and inches)
	7	0.28	17		
8	0.24	18			
9	0.20	19			
	10	0.02	20		

Float Trials	Time (Seconds)
1	45.1
2	48.3
3	38.7
4	38.2
SUM	170.3

Average Float Time (Sum of Trials/ # of Trials): 42.575

Average Surface Velocity (Length Assessed/ Average Float Time): 0.4698
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Calculating Stream Flow	Correction Values
	For rough, loose, coarse, weedy bottom: 0.8
	For smooth bottom: 0.9

Corrected Surface Velocity (Correction Value x Average Surface Velocity): 0.8 x 0.4698 = 0.37584
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Final Corrected Stream Flow (Cross-Sectional Area x Corrected Surface Velocity x 0.76): 0.351

*Measuring stream flow with the surface float test method overestimates flow by 24%. This is why we must **multiply our stream flow by 0.76** for a final corrected stream flow discharge.

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Inlet C	Date: 9/4/26	Start Time: 7:20 am
	SWIMS Station ID: 10061190	WBIC: N/A	End Time: 8:16 am
	GPS Coordinates in the Field: 43.729135, -88.986925		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: some rain hot
	Staff Gage ID: _____		
	Gage Level (ft.): _____		
	Water Depth at Site (ft.): Device used:	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other: Chocolate milk	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating Other Observations:			

Transparency	Secchi Depth	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	*Deep Hole monitoring only				
	Record as a decimal. Round to the nearest 1/4 ft.				
	Transparency Tube	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:
	*Inlet and Outlet monitoring only	10cm	8cm	17.25	

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	(Y) N	(Y) N	(Y) N	(Y) N
	TN	(Y) N	(Y) N	(Y) N	(Y) N
	Orthophosphate	(Y) N	Y (N)	(Y) N	(Y) N
	NO2 + NO3 as Nitrogen	(Y) N	(Y) N	(Y) N	(Y) N
	Chlorophyll a	Y (N)	~~Y~~ N	~~Y~~ N	~~Y~~ N
	For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? ~~Y~~ N				
Has lab "Test Request Form" been completed and photograph taken? (circle one) Yes: (Y) N					
Will samples be shipped or dropped off? (Circle one) Shipped (Dropped off)					

Additional Metrics	YSI Probe Parameters:	
	Temperature: 20.41 °C	Turbidity: _____
	Dissolved Oxygen (DO): 7.04 ppm	pH: 6.28

79.1%

Little Green Lake - Stream Flow Field Data Sheet

Station Info	Station Name: Inlet C	Date: 9/4/26	Start Time: 7:20am
	SWIMS Station ID: 10061190	WBIC: N/A	End Time: 8:16am
	Team Member Name(s): Korin Doering		

Tent Stream Width & Depth	Waterway Width (ft.): 5.7 ft		# of Intervals: 10		Other Observations: Very shallow w/ rock obstacles
	Length Assessed (ft.): 20 ft		Width of Intervals: 0.5		
	Interval	Water Depth (ft.)	Interval	Water Depth (ft.)	Total Sum of Depths: 2.65
	1	0	11	0.0	Average Depth (Total Sum of Depths/ # of Intervals): 0.265
	2	.15	12		
	3	.15	13		Cross-Sectional Area (Average Depth x Stream Width): 1.5105
	4	.45	14		
	5	.30	15		Stream Depth Measurement Reminders: • Measure water depth at equal intervals across the stream. • The first depth is always zero to represent the stream edges. • Only measure in decimal feet (not feet and inches)
	6	.50	16		
	7	.30	17		
8	.50	18			
9	.20	19			
10	.10	20			

Velocity Measurement	Float Trials	Time (Seconds)	Average Float Time (Sum of Trials/ # of Trials): 24.575 seconds
	1	24.74	
	2	28.33	Average Surface Velocity (Length Assessed/ Average Float Time): 0.8138
	3	22.82	
	4	22.41	
	SUM	98.3	

Calculating Stream Flow	Correction Values For rough, loose, coarse, weedy bottom: 0.8 For smooth bottom: 0.9
	Corrected Surface Velocity (Correction Value x Average Surface Velocity): 0.8 x 0.767 = 0.6136
	Final Corrected Stream Flow (Cross-Sectional Area x Corrected Surface Velocity x 0.76): 1.5105 x 0.6136 x 0.76 = 0.747
	*Measuring stream flow with the surface float test method overestimates flow by 24%. This is why we must multiply our stream flow by 0.76 for a final corrected stream flow discharge.

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Outlet	Date: 09/04/2020	Start Time: 10:45 am
	SWIMS Station ID: 10060855	WBIC: 162400	End Time: 11:11 am
	GPS Coordinates in the Field: 43.734527, -88.972258		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: Rain hot Clouds humid
	Staff Gage ID:		
	Gage Level (ft.):		
	Water Depth at Site (ft.):	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
	Device used: See sheet		
Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating Other Observations: Water higher than normal			

Transparency	Secchi Depth	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	*Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.				
Transparency Tube	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:	
	40 cm	44 cm	42		

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	Y N	Y N	Y N	Y N
	TN	Y N	Y N	Y N	Y N
	Orthophosphate	Y N	Y N	Y N	Y N
	NO2 + NO3 as Nitrogen	Y N	Y N	Y N	Y N
	Chlorophyll a	Y N	Y N	Y N	Y N
	For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected?				
Has lab "Test Request Form" been completed and photograph taken? (circle one) Ye Y N					
Will samples be shipped or dropped off? (Circle one) Shipped Dropped off					

Additional Metrics	YSI Probe Parameters:
	Temperature: 24.07 °C Dissolved Oxygen (DO): 6.76 ppm 80.0 % Turbidity: pH: 8.53

Little Green Lake - Stream Flow Field Data Sheet

Station Info	Station Name: Outlet	Date: 09/04/2026	Start Time: 10:50 am
	SWIMS Station ID: 10060855	WBIC: 162400	End Time: 11:15 am
	Team Member Name(s): Karin Deering		

Stream Width & Depth	Waterway Width (ft.): 6 ft		# of Intervals: 10		Other Observations:
	Length Assessed (ft.): 20 ft		Width of Intervals: 0.60 ft		
	Interval	Water Depth (ft.)	Interval	Water Depth (ft.)	Total Sum of Depths: 11.43
	1	1.20	11		Average Depth (Total Sum of Depths / # of Intervals): 1.143
	2	1.0	12		
	3	1.10	13		Cross-Sectional Area (Average Depth x Stream Width): 6.858
	4	1.10	14		
	5	1.22	15		Stream Depth Measurement Reminders: • Measure water depth at equal intervals across the stream. • The first depth is always zero to represent the stream edges. • Only measure in decimal feet (not feet and inches)
	6	0.9	16		
	7	1.20	17		
8	1.24	18			
9	1.22	19			
10	1.25	20			

Velocity Measurement	Float Trials	Time (Seconds)
	1	82.13
	2	59.73
	3	67.69
	4	51.70
	SUM	261.25

Average Float Time (Sum of Trials / # of Trials): 65.313
Average Surface Velocity (Length Assessed / Average Float Time): 0.306

Calculating Stream Flow	Correction Values
	For rough, loose, coarse, weedy bottom: 0.8
	For smooth bottom: 0.9
	Corrected Surface Velocity (Correction Value x Average Surface Velocity): 0.245
	Final Corrected Stream Flow (Cross-Sectional Area x Corrected Surface Velocity x 0.76): 17.277

*Measuring stream flow with the surface float test method overestimates flow by 24%. This is why we must **multiply our stream flow by 0.76** for a final corrected stream flow discharge.

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Inlet B	Date: 09/04/2026	Start Time: 8:45am
	SWIMS Station ID: 10060854	WBIC: N/A	End Time: 9:25am
	GPS Coordinates in the Field: 43.744734, -88.980128		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: Cloudy some rain hot humid
	Staff Gage ID:		
	Gage Level (ft.):		
	Water Depth at Site (ft.): X Device used: Sec sheet	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating Other Observations: Channel is heavily vegetated and shallow			

Transparency	Secchi Depth	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	*Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.				
	Transparency Tube	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:
	*Inlet and Outlet monitoring only	75 cm	78 cm	76.5	

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	(Y) N	(Y) N	(Y) N	(Y) N
	TN	(Y) N	(Y) N	(Y) N	(Y) N
	Orthophosphate	(Y) N	Y (N)	(Y) N	(Y) N
	NO2 + NO3 as Nitrogen	(Y) N	(Y) N	(Y) N	(Y) N
	Chlorophyll a	Y (N)	~~Y~~ N	~~Y~~ N	~~Y~~ N
	For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? ~~Y~~ N				
Has lab "Test Request Form" been completed and photograph taken? (circle one) Ye (Y) N					
Will samples be shipped or dropped off? (Circle one) Shipped <u>Dropped off</u>					

Additional Metrics	YSI Probe Parameters:
	Temperature: 21.08 °C Dissolved Oxygen (DO): 79.1% 6.87 ppm Turbidity: pH: 7.74

Little Green Lake - Stream Flow Field Data Sheet

Station Info	Station Name: Inlet B	Date: 09/04/2026	Start Time: 8:45am
	SWIMS Station ID: 10060854	WBIC: N/A	End Time: 9:25am
	Team Member Name(s): Korin Doering		

Stream Width & Depth	Waterway Width (ft.): 9.5 ft		# of Intervals: 10		Other Observations: Lots of debris & vegetation overgrowth shallow
	Length Assessed (ft.): 20 ft		Width of Intervals: 0.9		
	Interval	Water Depth (ft.)	Interval	Water Depth (ft.)	Total Sum of Depths: 2.94
	1	0.0	11		
	2	0.36	12		Average Depth (Total Sum of Depths/ # of Intervals): 0.294
	3	0.38	13		
	4	0.34	14		Cross-Sectional Area (Average Depth x Stream Width): 2.793
	5	0.46	15		
	6	0.32	16		Stream Depth Measurement Reminders: • Measure water depth at equal intervals across the stream. • The first depth is always zero to represent the stream edges. • Only measure in decimal feet (not feet and inches)
	7	0.18	17		
8	0.32	18			
9	0.46	19			
	10	0.12	20		

Velocity Measurement	Float Trials	Time (Seconds)
	1	38
	2	37.2
	3	43.1
	4	37.4
	SUM	155.7

Average Float Time (Sum of Trials/ # of Trials): 38.925
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Average Surface Velocity (Length Assessed/ Average Float Time): 0.5138

Calculating Stream Flow	Correction Values
	For rough, loose, coarse, weedy bottom: 0.8
	For smooth bottom: 0.9

Corrected Surface Velocity (Correction Value x Average Surface Velocity): 0.4110

Final Corrected Stream Flow (Cross-Sectional Area x Corrected Surface Velocity x 0.76): 0.873
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*Measuring stream flow with the surface float test method overestimates flow by 24%. This is why we must multiply our stream flow by 0.76 for a final corrected stream flow discharge.

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Retention Basin 1 <u>Outlet</u>	Date: <u>09/04/2026</u>	Start Time: <u>11:22am</u>
	SWIMS Station ID: 10060857	WBIC: N/A	End Time: <u>11:45am</u>
	GPS Coordinates in the Field: 43.746309, -88.978026		
	Team Member Name(s): <u>Korin Doering</u>		

Weather & Site Observations	Staff Gage Level Staff Gage ID: ~~XXXX~~ Gage Level (ft.): ~~XXXX~~	Weather (circle or highlight one): 1 = Sunny 2 = Rain <u>3 = Partly Cloudy</u> 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: <u>Rain</u> <u>Hot humid</u>
	Water Depth at Site (ft.): Device used: ~~XXXX~~	Water Column Appearance (circle or highlight one): 1 = Clear <u>2 = Murky</u> 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green <u>3 = Brown</u> 4 = Red 5 = Yellow
	Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating		
	Other Observations:		

Transparency	Secchi Depth *Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	Transparency Tube *Inlet and Outlet monitoring only	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	TN	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	Orthophosphate	<u>Y</u> N	<u>Y</u> <u>N</u>	<u>Y</u> N	<u>Y</u> N
	NO2 +NO3 as Nitrogen	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	Chlorophyll a	<u>Y</u> <u>N</u>	<u>Y</u> <u>N</u>	<u>Y</u> <u>N</u>	<u>Y</u> <u>N</u>
For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? <u>Y</u> ~~N~~					
Has lab "Test Request Form" been completed and photograph taken? (circle one) Ye <u>Y</u> N					
Will samples be shipped or dropped off? (Circle one) Shipped <u>Dropped off</u>					

Additional Metrics	YSI Probe Parameters:
	Temperature: ~~XXXX~~ Turbidity: ~~XXXX~~ Dissolved Oxygen (DO): ~~XXXX~~ pH: ~~XXXX~~

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Retention Basin 1 Inlet	Date: 09/04/2026	Start Time: 11:22am
	SWIMS Station ID: 10060857	WBIC: N/A	End Time: 11:45am
	GPS Coordinates in the Field: 43.746309, -88.978026		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level Staff Gage ID: Gage Level (ft.):	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: Rain Hot Humid
	Water Depth at Site (ft.): Device used:	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
	Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating		
	Other Observations:		

Transparency	Secchi Depth *Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	Transparency Tube *Inlet and Outlet monitoring only	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:

Water Samples	Parameter:	Collected?		Preserved?		On Ice?		Labeled?	
	TP	Y	N	Y	N	Y	N	Y	N
	TN	Y	N	Y	N	Y	N	Y	N
	Orthophosphate	Y	N	Y	N	Y	N	Y	N
	NO2 + NO3 as Nitrogen	Y	N	Y	N	Y	N	Y	N
	Chlorophyll a	Y	N	Y	N	Y	N	Y	N
For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? Y ~~N~~									
Has lab "Test Request Form" been completed and photograph taken? (circle one) Ye Y N									
Will samples be shipped or dropped off? (Circle one) Shipped Dropped off									

Additional Metrics	YSI Probe Parameters:	
	Temperature:	Turbidity:
	Dissolved Oxygen (DO):	pH:

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Retention Basin 2 <u>Outlet</u>	Date: <u>09/04/2026</u>	Start Time: <u>11:00 am</u>
	SWIMS Station ID: 10060856	WBIC: N/A	End Time: <u>11:25 am</u>
	GPS Coordinates in the Field: 43.74311, -88.966774		
	Team Member Name(s): <u>Karin Doering</u>		

Weather & Site Observations	Staff Gage Level ~~Staff Gage ID:~~ ~~Gage Level (ft.):~~	Weather (circle or highlight one): 1 = Sunny 2 = Rain <u>3 = Partly Cloudy</u> 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: <u>Rain</u> <u>Hot</u> <u>Humid</u>
	Water Depth at Site (ft.): ~~Device used:~~	Water Column Appearance (circle or highlight one): 1 = Clear <u>2 = Murky</u> 3 = Other:	Water Color (circle or highlight one): <i>*use the white portion of the secchi disk to determine color</i> 1 = Blue 2 = Green <u>3 = Brown</u> 4 = Red 5 = Yellow
	Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location <i>Circle or highlight one:</i> 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating		
	Other Observations:		

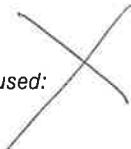
Transparency	Secchi Depth <i>*Deep Hole monitoring only</i> <i>Record as a decimal. Round to the nearest 1/4 ft.</i>	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	Transparency Tube <i>*Inlet and Outlet monitoring only</i>	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:

Water Samples	Parameter:	Collected?	Preserved?	On Ice?	Labeled?
	TP	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	TN	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	Orthophosphate	<u>Y</u> N	<u>Y</u> <u>N</u>	<u>Y</u> N	<u>Y</u> N
	NO2 +NO3 as Nitrogen	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	Chlorophyll a	<u>Y</u> <u>N</u>	<u>Y</u> N	<u>Y</u> N	<u>Y</u> N
	For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? <u>Y</u> N				
Has lab "Test Request Form" been completed and photograph taken? (circle one) <u>Y</u> N					
Will samples be shipped or dropped off? (Circle one) Shipped <u>Dropped off</u>					

Additional Metrics	YSI Probe Parameters: ~~Temperature:~~	~~Turbidity:~~
	~~Dissolved Oxygen (DO):~~	~~pH:~~

Little Green Lake Water Quality Monitoring Data Sheet

Station Info	Station Name: Retention Basin 2 Inlet	Date: 09/04/2026	Start Time: 11:00 am
	SWIMS Station ID: 10060856	WBIC: N/A	End Time: 11:25 am
	GPS Coordinates in the Field: 43.74311, -88.966774		
	Team Member Name(s): Korin Doering		

Weather & Site Observations	Staff Gage Level Staff Gage ID: Gage Level (ft.):	Weather (circle or highlight one): 1 = Sunny 2 = Rain 3 = Partly Cloudy 4 = Cloudy 5 = Snow 6 = Thunderstorm	Weather over the past two days: Rain Hot Humid
	Water Depth at Site (ft.): Device used: 	Water Column Appearance (circle or highlight one): 1 = Clear 2 = Murky 3 = Other:	Water Color (circle or highlight one): *use the white portion of the secchi disk to determine color 1 = Blue 2 = Green 3 = Brown 4 = Red 5 = Yellow
	Algae Perception - Represents the amount of observed blue-green algae in the water at your sample location Circle or highlight one: 1 = Beautiful, could not be nicer 2 = Very minor aesthetic problems; excellent for swimming and boating enjoyment 3 = Swimming and aesthetic enjoyment of the lake slightly impaired because of high algae levels 4 = Desire to swim and enjoyment of the lake is substantially reduced because of algae; would not swim, but boating is OK 5 = Poor aesthetics due to algae prevents swimming and boating		
	Other Observations:		

Transparency	Secchi Depth *Deep Hole monitoring only Record as a decimal. Round to the nearest 1/4 ft.	Trial #1 (ft.)	Trial #2 (ft.)	Average (ft.)	Notes:
	Transparency Tube *Inlet and Outlet monitoring only	Trial #1 (cm)	Trial #2 (cm)	Average (cm)	Notes:

Water Samples	Parameter:	Collected?		Preserved?		On Ice?		Labeled?	
	TP	Y	N	(Y)	N	Y	N	Y	N
	TN	Y	N	(Y)	N	Y	N	Y	N
	Orthophosphate	Y	N	Y	(N)	Y	N	Y	N
	NO2 +NO3 as Nitrogen	Y	N	(Y)	N	Y	N	Y	N
	Chlorophyll a	Y	(N)	Y	N	Y	N	Y	N
	For Deep Hole site only: Has 0-6 foot integrated sample AND < 1 meter from bottom sample been collected? Y ~~N~~								
Has lab "Test Request Form" been completed and photograph taken? (circle one) Y N									
Will samples be shipped or dropped off? (Circle one) Shipped Dropped off									

Additional Metrics	YSI Probe Parameters: Temperature:	Turbidity:
	Dissolved Oxygen (DO):	pH: