

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 5/24/2014 Time: 9:30am Site ID: S1  
 Volunteers: ERNE, GLORIA, MARILYN, TOM, RICH, JEAN, RAY, ANNIE, RICHARD, BENOIT, RICKER, ALSTON, PEZZELLA, FRANKS, TRAVIS, TRAVIS, LOREZZ, LORENZ rev: 20140414

**Weather Observations**

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

**Water Observations**

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Instrument Readings:**

Anemometer Air Readings

Air temp: 54.9 °F

Wind Speed: 8.4 mph

Wind Direction: NE  
40° (Compass Degrees)

Secchi Disk: 12.8 ft/t  
 (Red Side of Tape Feet/Tenths)

Thermocline: 18 ft.

Lake Depth: 25 ft.

**Water Samples Collected:**

Sample	Top	TCline	Bot
Chlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Equipment Check List:**  
 In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

**Note:** Before leaving the site, make sure all fields are filled in.

**Form Quality Signatures:**

Form Filled In By:  
[Signature]

Reviewed By:  
 \_\_\_\_\_

Date: 5/24/14

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 5/24/2014

Time: 9:56

Site ID: M1

Volunteers: ERVIE GLORIA RICH TOM JEFF RAY MARILYN ANNIE RICHARD  
BENNET, RICKER, FRANKS, PEZZELLA, TRAVIS, TRAVIS, ALSTON, LORENZ, LORENZ,

rev: 20140414

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 55.6 °F  
 Wind Speed: 9.2 mph  
 Wind Direction: NE  
40° (Compass Degrees)  
 Secchi Disk: 18.7 ft/t  
 (Red Side of Tape Feet/Tenths)  
 Thermocline: 22 ft.  
 Lake Depth: 33 ft.

### Water Samples Collected:

Sample	Top	TCline	Bot
Chlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

Annalysa

Reviewed By:

\_\_\_\_\_

Date: 5/24/14

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 5/24/2014

Time: 10:28

Site ID: N1

Volunteers: ERVIE GLORIA RICH TOM JEAN RAY MARILYN ANNIE RICHARD  
BENOIT, RICKEL, FRANKS, PEZZELLA, TRAVIS, TRAVIS, ALSTON, LORENZ, LORENZ

rev: 20140414

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

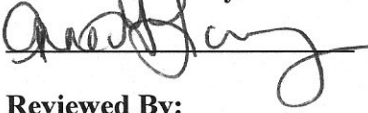
4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:



Reviewed By:

\_\_\_\_\_

Date: 5/24/14

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 56.0 °F  
 Wind Speed: 8.9 mph  
 Wind Direction: NE  
40° (Compass Degrees)  
 Secchi Disk: 18.3 ft/t  
 (Red Side of Tape Feet/Tenths)  
 Thermocline: 18 ft.  
 Lake Depth: 40 ft.

### Water Samples Collected:

Sample	Top	TCline	Bot
Chlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/24/17 Time: 1:30 Site ID: 1K6

Volunteers: Glavia Ken Kevin Margaret Jody

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

Reviewed by:

Date:

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow-Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Instrument Readings:

Staff Gauge: \_\_\_\_\_ ft.

Air/Wind Anemometer

Air temp: 61.5 °F

Wind Speed: 2.6 MPH

Wind Direction: 268°

(compass degrees)

Troll Water Readings

Water temp: 61.5 °F

RDO: \_\_\_\_\_ Mg/L

pH: \_\_\_\_\_ Units

Conductivity: \_\_\_\_\_ uS/L

Turbidity: \_\_\_\_\_ NTU

ORP: \_\_\_\_\_ mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 5/24/14 Time: 1:50 PM Site ID: BB18

Volunteers: Margaret Kevin Ken Gloria Judy

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

Kevin

Reviewed by:

\_\_\_\_\_

Date: \_\_\_\_\_

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow—Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Staff Gauge: 1.52 ft.

Air/Wind Anemometer

Air temp: 64.1 °F

Wind Speed: 1.5 MPH

Wind Direction: 360  
(compass degrees)

Troll Water Readings

Water temp: \_\_\_\_\_ °F

RDO: \_\_\_\_\_ Mg/L

pH: \_\_\_\_\_ Units

Conductivity: \_\_\_\_\_ uS/L

Turbidity: \_\_\_\_\_ NTU

ORP: \_\_\_\_\_ mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/24/14 Time: 2:20 PM Site ID: MB17

Volunteers: Margaret Ken Kevin Gloria Judy

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

#### 1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

#### 2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

#### 3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

#### 4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

J. Keay

Reviewed by:

\_\_\_\_\_

Date: \_\_\_\_\_

### Water Conditions

#### 1. Stream Water Flow:

- Dry Bed
- No Flow—Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

#### 2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

#### 3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

#### 4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

#### 5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

#### 6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Staff Gauge: 1.6 ft.

Air/Wind Anemometer

Air temp: 67.6 °F

Wind Speed: 2.3 MPH

Wind Direction: 240  
(compass degrees)

Troll Water Readings

Water temp: \_\_\_\_\_ °F

RDO: \_\_\_\_\_ Mg/L

pH: \_\_\_\_\_ Units

Conductivity: \_\_\_\_\_ uS/L

Turbidity: \_\_\_\_\_ NTU

ORP: \_\_\_\_\_ mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/24/14 Time: 2:35 Pm Site ID: SB 16

Volunteers: Margaret Joan Kevin Ken Judy rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:
- Clear/Sunny
  - Hazy
  - Few Clouds
  - Overcast
  - Rain/Mix
2. Current Wind Conditions
- Calm
  - Light breeze
  - Gusty or High Winds
3. Daytime Temp - past 48hrs:
- Cold (40s/50s)
  - Cool (60s)
  - Mild (70s)
  - Warm (80s)
  - Hot (90+)
4. Sky Conditions - past 48hrs:
- Cloudy - Dry
  - Sunny - Dry
  - Light - Rain
  - Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:  
[Signature]  
Reviewed by:  
\_\_\_\_\_  
Date: \_\_\_\_\_

### Water Conditions

1. Stream Water Flow:
- Dry Bed
  - No Flow—Water Standing
  - Light Flow
  - Moderate Flow
  - Heavy Flow
2. Water Clarity:
- Clear
  - Dark Colored
  - Cloudy or Muddy
3. Suspended Sediment Level:
- None Visible
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
4. Amount of Aquatic Growth:
- None
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
5. Water Smell/Odor
- None
  - Fishy Smell
  - Musty Smell
  - Rotten Egg-like Smell
  - Septic-like Smell
6. Other observations
- None
  - Water bugs, surface bugs
  - Tadpoles, frogs, crayfish
  - Animal prints on bank
  - Leaves/Brush in water
  - Trash/debris from humans
  - Other(describe in notes)
7. Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Staff Gauge: 1.84 ft.  
Air/Wind Anemometer  
Air temp: 67.4 °F  
Wind Speed: 1.2 MPH  
Wind Direction: 914°  
(compass degrees)  
Troll Water Readings  
Water temp: \_\_\_\_\_ °F  
RDO: \_\_\_\_\_ Mg/L  
pH: \_\_\_\_\_ Units  
Conductivity: \_\_\_\_\_ uS/L  
Turbidity: \_\_\_\_\_ NTU  
ORP: \_\_\_\_\_ mV  
Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Clip board & rain protector
  - Field Data Sheets – 6 copies
  - Samples Chain of Custody Form
  - Sample bottles
  - Sample Grabber Tool
  - First Aid Kit
  - Brush to clean staff gauges
  - Anemometer/thermometer
  - Compass
  - Triangle flares
  - Troll 9500
  - 15ft Troll Cable
  - Rugged Reader (Charge Bat.)
  - Kit of Spare Batteries
  - Stylus for Rugged Reader
  - Boots
  - Brush Trimmer
  - Camera
  - SOPs Operating Instruments
  - Poison Ivy Wash
  - QC Site Selected

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: Aug. 16, 2014

Time: 9:10 AM

Site ID: SOUTH POND

Volunteers: Ed WENTLAND, GLORIA RICKER, ERNE BENJOT, TOM PEZZELLA, NICK BUEHLER, MARILYN ALSTON, RAY & JEAN TRAVIS rev: 20140414

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry part AND
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

Ed Wentland

Reviewed By:

\_\_\_\_\_

Date:

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 57.0 °F  
Wind Speed: 4.1 mph  
Wind Direction: 244 °  
(Compass Degrees)

Secchi Disk: 6.0 ft/t  
(Red Side of Tape Feet/Tenths)

Thermocline: 22.0 ft.  
Lake Depth: 24.7 ft.

### Water Samples Collected:

Sample	Top	TCLine	Bot
Chlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)



# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: Aug. 16, 2014

Time: 9:42 A.M.

Site ID: Middle Pond

Volunteers: Ed Wentland, Gloria Ricker, Ernie Benoit, Tim Pezzella, Nick Buehler, Marilyn Alston, Ray & Jean Travis rev: 20140414

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry } And
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:  
Ed Wentland

Reviewed By:  
\_\_\_\_\_

Date: \_\_\_\_\_

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples Slight
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 70.0°F  
Wind Speed: 0.4 mph  
Wind Direction: 265°  
(Compass Degrees)

Secchi Disk: 8.5 ft/t  
(Red Side of Tape Feet/Tenths)

Thermocline: NONE ft.

Lake Depth: 27.0 ft.

### Water Samples Collected:

Sample	Top	Tcline	Bot
Chlor	<input type="checkbox"/>		
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets - 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: Aug 16, 2014

Time: 10:18 A.M

Site ID: NORTH Pond

Volunteers: Ed Wentland, Gloria Ricker, Emily Bedit, Tom Pezzella, Nick Buehler, Marilyn Alston, Ray K. Jean, Travis rev: 20140414

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry } AND
- Sunny - Dry }
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

Ed Wentland

Reviewed By:

\_\_\_\_\_

Date: \_\_\_\_\_

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 67.4°F  
Wind Speed: 2.6 mph  
Wind Direction: 230°  
(Compass Degrees)

Secchi Disk: 9.10ft/t  
(Red Side of Tape Feet/Tenths)

Thermocline: 26.0ft.

Lake Depth: 39.0 ft.

### Water Samples Collected:

Sample	Top	TCLine	Bot
Chlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Troll 9500 & Rugged Reader (charge battery)
- 50' Troll Cable
- Stylus for Rugged Reader
- Anemometer (Check Batteries)
- Compass
- GPS (Check Batteries)
- Kit of Extra Batteries
- Lake - Field Data Sheets - 4 copies
- Notebook & pen for thermocline
- Writing Pens
- 2ft Measuring Stick
- Sample Grabber Tool
- Sample bottles
- Cooler & Ice Packs
- Sample Chain of Custody Form
- First aid Kit
- Aqua-scope Viewer
- Van Dorn Grabber with Measure Tape/Release Line
- Secchi Disk & Measure Tape
- Anchor & 200 foot line
- Camera (Optional)

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/16/2014 Time: 1:30 Site ID: BB18

Volunteers: KEVIN JOHNSON, JON BURMAN, JUDY KEEGAN, GLORIA RUCKER, ERNIE BENNET rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

Keegan

Reviewed by:

Date: 8/16/14

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow-Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: several  
different bottles  
could be seen

### Instrument Readings:

Staff Gauge: 1.16 <sup>in</sup>

Air/Wind Anemometer

Air temp: 75.9 F

Wind Speed: 1.2 MPH

Wind Direction: 320  
(compass degrees)

Troll Water Readings

Water temp: 16.16 °C

RDO: \_\_\_\_\_ Mg/L

pH: 7.21 Units

Conductivity: 261.5 uS/L

Turbidity: 2.5 NTU

ORP: 0.12 mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/16/14 Time: 1:45 Site ID: LK6

Volunteers: Kevin, John, Gloria, Ernie, Judy

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

#### 1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

#### 2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

#### 3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

#### 4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

- Phosphorus
- Nitrates

### Form Quality Signatures:

Form filled in by:

[Signature]

Reviewed by:

Date: \_\_\_\_\_

### Water Conditions

#### 1. Stream Water Flow:

- Dry Bed
- No Flow—Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

#### 2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy <sup>slightly</sup>

#### 3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

#### 4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

#### 5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

#### 6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: water slightly silty

### Instrument Readings:

Staff Gauge: \_\_\_\_\_ ft.

Air/Wind Anemometer

Air temp: 18.5 °F

Wind Speed: 2.6 MPH

Wind Direction: 280°  
(compass degrees)

Troll Water Readings

Water temp: 20.20 °C

RDO: \_\_\_\_\_ Mg/L

pH: 8.68 Units

Conductivity: 251.4 uS/L

Turbidity: 64.6 NTU

ORP: 0.07 mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/16/14 Time: 2:05 Site ID: MB17

Volunteers: Jon Burnap Kevin Johnson Ernie B. Gloria Judy rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

[Signature]

Reviewed by:

\_\_\_\_\_

Date:

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow-Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: lot of water

bugs here

not too much

trash at all

### Instrument Readings:

Staff Gauge: .32 in

Air/Wind Anemometer

Air temp: 75.5 F

Wind Speed: .7 MPH

Wind Direction: 300  
(compass degrees)

Troll Water Readings 14.75

Water temp: 14.87 C

RDO: \_\_\_\_\_ Mg/L

pH: 5.75 Units

Conductivity: 41.64 uS/L

Turbidity: 0.2 NTU

ORP: 0.13 mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/16/14 Time: 2:31 Site ID: SBL6

Volunteers: Kevin Johnson, Jon Burnap, Gloria, Ernie, Judy

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

Note: Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

[Signature]

Reviewed by:

\_\_\_\_\_

Date:

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow - Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other (describe in notes)

7. Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Instrument Readings:

Staff Gauge: 36 ft.

#### Air/Wind Anemometer

Air temp: 76 °F

Wind Speed: 1 MPH

Wind Direction: 2200

(compass degrees)

#### Troll Water Readings

Water temp: 17.68 °C

RDO: --- Mg/L

pH: 6.51 Units

Conductivity: 239.3 uS/L

Turbidity: 0.8 NTU

ORP: 0.13 mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets - 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

**Webster Lake Association**

Troll 9500 Serial #: 48734

Date: OCT 4, 2014 Time: 2:30PM Site ID: BB18

Volunteers: ERNE BENNETT, GLORIA RICKET

rev: 20140414

Is this a QC Check? Yes

Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

Note: Before leaving the site, make sure all fields are filled in.

Water Samples Collected:

- Phosphorus
- Nitrates

Form Quality Signatures:

Form filled in by:

J. Keeler

Reviewed by:

Date:

Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow—Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other(describe in notes)

7. Notes: CUPS +

BOTTLES

DRY BED

NO WATER

NO TROLL

Instrument Readings:

Staff Gauge: 0 . 0 ft.

Air/Wind Anemometer

Air temp: 61 . 0 F

Wind Speed: 0 . 0 MPH

Wind Direction: 0  
(compass degrees)

Troll Water Readings

Water temp: \_\_\_\_\_ F

RDO: \_\_\_\_\_ Mg/L

pH: \_\_\_\_\_ Units

Conductivity: \_\_\_\_\_ uS/L

Turbidity: \_\_\_\_\_ NTU

ORP: \_\_\_\_\_ mV

Nitrogen: \_\_\_\_\_ ppm

Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

# Streams Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: OCT. 4, 2014 Time: 2:45 PM Site ID: LKP

Volunteers: ERNIE BENOIT, GLORIA RICKER

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

**Note:** Before leaving the site, make sure all fields are filled in.

### Water Samples Collected:

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by:

G. Ricker

Reviewed by:

Date:

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow - Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other (describe in notes)

7. Notes: NO WATER

IN BED

SOME PAPER

IN DRY BED

### Instrument Readings:

Staff Gauge: \_\_\_\_\_ ft.

Air/Wind Anemometer

Air temp: 60.2 °F

Wind Speed: 2.9 MPH

Wind Direction: 110 °

(compass degrees)

Troll Water Readings

Water temp: \_\_\_\_\_ °F

RDO: \_\_\_\_\_ Mg/L

pH: \_\_\_\_\_ Units

Conductivity: \_\_\_\_\_ uS/L

Turbidity: \_\_\_\_\_ NTU

ORP: \_\_\_\_\_ mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets – 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected



Use one sheet for each test site

# Webster Lake Association

Troll 9500 Serial #: 48734

Date: OCT. 4, 2014 Time: 3:15 PM Site ID: SB16

Volunteers: ERNE BENNETT, GLORIA RICKER

rev: 20140414

Is this a QC Check? Yes

### Weather Conditions

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain

### Water Conditions

1. Stream Water Flow:

- Dry Bed
- No Flow - Water Standing
- Light Flow
- Moderate Flow
- Heavy Flow

2. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

3. Suspended Sediment Level:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

4. Amount of Aquatic Growth:

- None
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Tadpoles, frogs, crayfish
- Animal prints on bank
- Leaves/Brush in water
- Trash/debris from humans
- Other (describe in notes)

7. Notes: Leaves,

DRY BOTTOM

Beer CA

House siding

### Instrument Readings

Staff Gauge: \_\_\_\_\_ ft.

#### Air/Wind Anemometer

Air temp: 60.2 F

Wind Speed: 1.4 MPH

Wind Direction: 120°  
(compass degrees)

#### Troll Water Readings

Water temp: 55.42 F

RDO: 6.10 Mg/L

pH: 6.19 Units

Conductivity: 254.6 µS/L

Turbidity: 0.5 NTU

ORP: 0.21 mV

Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Clip board & rain protector
- Field Data Sheets - 6 copies
- Samples Chain of Custody Form
- Sample bottles
- Sample Grabber Tool
- First Aid Kit
- Brush to clean staff gauges
- Anemometer/thermometer
- Compass
- Triangle flares
- Troll 9500
- 15ft Troll Cable
- Rugged Reader (Charge Bat.)
- Kit of Spare Batteries
- Stylus for Rugged Reader
- Boots
- Brush Trimmer
- Camera
- SOPs Operating Instruments
- Poison Ivy Wash
- QC Site Selected

Note: Before leaving the site, make sure all fields are filled in.

### Water Samples Collected?

Phosphorus   
Nitrates

### Form Quality Signatures:

Form filled in by: Gloria Ricker

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

Date: \_\_\_\_\_

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: 10/12/14

Time: 8:55

Site ID: S1

Volunteers: ERVIE BENOIT, JENNIFER TRAVIS, GLORIA RICKET, rev: 20140414

MARILYN ALSTON, RICHT FRAYAS, KEVIN + BARB JOHANSON TOM PEZZELLA

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 45.7 °F  
 Wind Speed: 2.7 mph  
 Wind Direction: 345°  
 (Compass Degrees)

Secchi Disk: 8' .3" ft/t  
 (Red Side of Tape Feet/Tenths)

Thermocline: — ft.

Lake Depth: 21 ft.

### Water Samples Collected:

Sample	Top	TCLine	Bot
Chlor	<input type="checkbox"/>		
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

\_\_\_\_\_

Reviewed By:

\_\_\_\_\_

Date:

\_\_\_\_\_

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 10/12/14

Time: 9:25

Site ID: M1

Volunteers: Ernie Benoit, Jean Ray Travis, Gloria Ricker,

rev: 20140414

Marilyn Alston, Rick Francis, Kevin Johnson, TOM PEZZELLA

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 47.0 °F  
 Wind Speed: 3.8 mph  
 Wind Direction: 310 °  
 (Compass Degrees)

Secchi Disk: 18.0 ft/t  
 (Red Side of Tape Feet/Tenths)

Thermocline:      ft.

Lake Depth: 26 ft.

### Water Samples Collected:

Sample	Top	TCLINE	Bot
Chlor	<input type="checkbox"/>		
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

In-Situ Tech Support 800-446-7488

- Troll 9500 & Rugged Reader (charge battery)
- 50' Troll Cable
- Stylus for Rugged Reader
- Anemometer (Check Batteries)
- Compass
- GPS (Check Batteries)
- Kit of Extra Batteries
- Lake - Field Data Sheets – 4 copies
- Notebook & pen for thermocline
- Writing Pens
- 2ft Measuring Stick
- Sample Grabber Tool
- Sample bottles
- Cooler & Ice Packs
- Sample Chain of Custody Form
- First aid Kit
- Aqua-scope Viewer
- Van Dorn Grabber with Measure Tape/Release Line
- Secchi Disk & Measure Tape
- Anchor & 200 foot line
- Camera (Optional)

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

\_\_\_\_\_

Reviewed By:

\_\_\_\_\_

Date: \_\_\_\_\_

# Lake Field Data Sheet – 2014 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: 10/12/14

Time: 10:05

Site ID: N1

Volunteers: Ernie Benoit, Jean & Ray Travis, Gloria Rickar

rev: 20140414

Marilyn Alston, Rich Francis, Kevin Johnson, Tom Pezzella

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- Few Clouds
- Overcast
- Rain/Mix

2. Current Wind Conditions

- Calm
- Light breeze
- Gusty or High Winds

3. Daytime Temp - past 48hrs:

- Cold (40s/50s)
- Cool (60s)
- Mild (70s)
- Warm (80s)
- Hot (90+)

4. Sky Conditions - past 48hrs:

- Cloudy - Dry
- Sunny - Dry
- Light - Rain
- Heavy - Rain
- Stormy /Thunderstorms

### Water Observations

1. Water Surface Conditions:

- Calm
- Ripples
- Waves
- White Caps

2. Water Color:

- Clear
- Green Appearance
- Brown Appearance
- Gray Appearance

3. Water Clarity:

- Clear
- Dark Colored
- Cloudy or Muddy

4. Suspended Matter:

- None Visible
- Slight Amount
- Moderate Amount
- Substantial Amount

5. Water Smell/Odor

- None
- Fishy Smell
- Musty Smell
- Rotten Egg-like Smell
- Septic-like Smell

6. Other observations

- None
- Water bugs, surface bugs
- Dead Fish
- Leaves/Limbs/Debris
- Oil film
- Trash/debris from humans
- Algae Mats/Clumps
- Waterfowl

7. Notes/Other Observations:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Instrument Readings:

Anemometer Air Readings

Air temp: 51.7°F

Wind Speed: 5.0 mph

Wind Direction: 340°

(Compass Degrees)

Secchi Disk: 16.3 ft/t  
(Red Side of Tape Feet/Tenths)

Thermocline: — ft.

Lake Depth: 35 ft.

### Water Samples Collected:

Sample	Top	Tcline	Bot
Chlor	<input type="checkbox"/>		
Phos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Troll 9500 & Rugged Reader (charge battery)
  - 50' Troll Cable
  - Stylus for Rugged Reader
  - Anemometer (Check Batteries)
  - Compass
  - GPS (Check Batteries)
  - Kit of Extra Batteries
  - Lake - Field Data Sheets – 4 copies
  - Notebook & pen for thermocline
  - Writing Pens
  - 2ft Measuring Stick
  - Sample Grabber Tool
  - Sample bottles
  - Cooler & Ice Packs
  - Sample Chain of Custody Form
  - First aid Kit
  - Aqua-scope Viewer
  - Van Dorn Grabber with Measure Tape/Release Line
  - Secchi Disk & Measure Tape
  - Anchor & 200 foot line
  - Camera (Optional)

**Note:** Before leaving the site, make sure all fields are filled in.

### Form Quality Signatures:

Form Filled In By:

\_\_\_\_\_

Reviewed By:

\_\_\_\_\_

Date:

\_\_\_\_\_