

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 5/11/2013

Time: 9:16 AM

Site ID: S1 WATER QUALITY

Volunteers: GLORIA RUCKER, PEGGY SHERMAN, TOM PEZZOIA, ERNIE BENOIT

rev: 20121019

ED WENTLAND, NICK BUEHLER, JEAN-FRANCOIS TRAVIS

### Weather Observations

- Current Sky Conditions:
  - Clear/Sunny
  - Hazy
  - ~~Clouds~~ Clouds
  - Overcast
  - Rain/Mix
- Current Wind Conditions
  - Calm
  - Light breeze
  - Gusty or High Winds
- Daytime Temp - past 48hrs:
  - Cold (40s/50s)
  - Cool (60s)
  - Mild (70s)
  - Warm (80s)
  - Hot (90+)
- 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:  
Ed Wentland

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

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

### Water Observations

- Water Surface Conditions:
  - Calm
  - Ripples
  - Waves slight
  - White Caps
- Water Color:
  - Clear
  - Green Appearance
  - Brown Appearance
  - Gray Appearance
- Water Clarity:
  - Clear
  - Dark Colored
  - Cloudy or Muddy
- Suspended Matter:
  - None Visible
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Water Smell/Odor
  - None
  - Fishy Smell
  - Musty Smell
  - Rotten Egg-like Smell
  - Septic-like Smell
- 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: 61.5 F
- Wind Speed: 5.1 mph
- Wind Direction: S.W  
(Compass Degrees)
- Secchi Disk: 17.9 ft/t  
(Red Side of Tape Feet/Tenths)
- Thermocline: 17.0 ft.
- Lake Depth: 24.0 ft.

### Water Samples Collected:

Sample	Top	1/2 Cline	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 – 2013 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 5/11/2013

Time: 10:03 A.M

Site ID: M<sub>1</sub>

Volunteers: GLORIA RICKER, Peggy SHEEHAN, Tom PEZZELLA, ERNIE BENOIST, ED WENTLAND, NICK BLEHNER, JEAN and RAY TRAVIS 20121019

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- ~~Clouds~~ 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:

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### Instrument Readings:

Anemometer Air Readings

- Air temp: 62.8°F  
 Wind Speed: 10.0 mph  
 Wind Direction: S.W.  
 (Compass Degrees)  
 Secchi Disk: 20.7 ft/t  
 (Red Side of Tape Feet/Tenths)  
 Thermocline: 260 ft.  
 Lake Depth: 330 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)

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

### Form Quality Signatures:

Form Filled In By:

Ed Wentland

Reviewed By:

\_\_\_\_\_

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

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 5/11/2013

Time: 10:33 AM

Site ID: N1

Volunteers: GLORIA RICKER, Peggy SHEAHAN, TOM PEZZELLA, ERNIE BEAULT, Ed WENTLAND, RICK BUEHLER, JOAN RAY, TRAVIS rev: 20121019

### Weather Observations

1. Current Sky Conditions:

- Clear/Sunny
- Hazy
- ~~Clouds~~ 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: 64.3°F  
 Wind Speed: 9.1 mph  
 Wind Direction: 245°  
 (Compass Degrees)

Secchi Disk: 12.1 ft/l  
 (Red Side of Tape Feet/Tenths)

Thermocline: 13.0 ft.  
 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)

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

### Form Quality Signatures:

Form Filled In By:

Ed Wentland

Reviewed By:

\_\_\_\_\_

Date:

\_\_\_\_\_

# Streams Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/11 Time: 1:20 Site ID: Browns Brk #18  
 Volunteers: Ernie Judy Gova Mark Barbara Elaine Linda

rev: 20121019

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:

[Signature]

4/13

### 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: 1.95 ft.

Air/Wind Anemometer

Air temp: 67.0 °F

Wind Speed: 3.7 MPH

Wind Direction: 140 So

(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/11 Time: 1:30 Site ID: BB #18

Volunteers: Judy Elaine Barbara Linda Mark Emie Jane

rev: 20121019

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:

[Signature]

Date: 5/11/13

### 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: Troll not used due to oxygen sensor

### Instrument Readings:

Staff Gauge: 1.45 ft.

Air/Wind Anemometer

Air temp: 65.5 °F

Wind Speed: 4.4 MPH

Wind Direction: 238

(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 5/11 Time: 1:50 Site ID: WLA MB #17

Volunteers: Judy Garcia Mark Under Barbara Elaine Ernie

rev: 20121019

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. Under

Reviewed by:

M. Under

Date: 5/11/13

### 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: Troll not used due to oxygen sensor

### Instrument Readings:

Staff Gauge: .65 ft.

Air/Wind Anemometer

Air temp: 64.9 F

Wind Speed: 1.3 MPH

Wind Direction: 280

(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/11 Time: 2:00 Site ID: SB #11

Volunteers: Judy Gloria Mark Elaine Barbara Ernie Linda

rev: 20121019

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:

Calaine Semmler

Reviewed by:

M. Gardell

Date: 5/11/13

### 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: Troll not used due to oxygen sensor

### Instrument Readings:

Staff Gauge: .60ft.

Air/Wind Anemometer

Air temp: 65.0 F

Wind Speed: 1.7 MPH

Wind Direction: 210.5

(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 5/31/2013 Time: 9:15 AM Site ID: BB18

Volunteers: ERVIE BENOIT, GLORIA RICKER

rev: 20121019

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:

GLORIA 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: \_\_\_\_\_

### Instrument Readings:

Staff Gauge: 1.48 ft.

#### Air/Wind Anemometer

Air temp: 74.8 °F

Wind Speed: 0 MPH

Wind Direction: 0  
(compass degrees)

#### Troll Water Readings

Water temp: 58.25 °F

RDO: 9.77 Mg/L

pH: 7.31 Units

Conductivity: 93.24 uS/L

Turbidity: 3.6 NTU

ORP: 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



# Streams Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/31/2013 Time: 10:42 9:42 AM Site ID: EQ LK Q

Volunteers: ERVIE BENDT, GLORIA RICKER

rev: 20121019

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:

Gloria 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: ON PURPOSE

DRAIN BLOCK AT

SILT BOND TO

COLLECT SILT.

### Instrument Readings:

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

Air/Wind Anemometer

Air temp: 81.4 F

Wind Speed: 2.2 MPH

Wind Direction: 274

(compass degrees)

Troll Water Readings

Water temp: 69.8 F

RDO: 6.72 Mg/L

pH: 6.51 Units

Conductivity: 110.1 uS/L

Turbidity: 57.8 NTU

ORP: 0.22 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 5/31/2013 Time: 10:10 AM Site ID: MB 17

Volunteers: ERWIE BENOIT, GLORIA RICKER

rev: 20121019

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:

Gloria 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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Instrument Readings:

Staff Gauge: 0.74 ft.

Air/Wind Anemometer

Air temp: 79.9 °F

Wind Speed: 0 MPH

Wind Direction: 0

(compass degrees)

Troll Water Readings

Water temp: 54.48 °F

RDO: 10.12 Mg/L

pH: 6.51 Units

Conductivity: 16.63 uS/L

Turbidity: -0.06 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

# Streams Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 5/31/2013 Time: 10:20 AM Site ID: SB16

Volunteers: ERNE BENOIT, GLORIA RICKEN

rev: 20121019

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:

GLORIA RICKEN

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: DUCK

### Instrument Readings:

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

#### Air/Wind Anemometer

Air temp: 84.7 °F

Wind Speed: 2.2 MPH

Wind Direction: 110°  
(compass degrees)

#### Troll Water Readings

Water temp: 63.21 °F

RDO: 8.89 Mg/L

pH: 6.89 Units

Conductivity: 96.37 µS/L

Turbidity: 2.7 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

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 3/31/2013 (May 31, 2013-M6) Time: 12:02

Site ID: NP

Volunteers: ERVIE BENJON, JEAN TRAVIS, GLORIA RICKER, NICK BUEHLER  
RAY TRAVIS

rev: 20121019

### 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) 90.7
- 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: 90.7 F

Wind Speed: 3.6 mph

Wind Direction: SW 232  
(Compass Degrees)

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

Thermocline: \_\_\_\_\_ ft.

Lake Depth: 41 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)

*Troll only*

3.6 wind speed

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

### Form Quality Signatures:

Form Filled In By:

Nick Buehler

Reviewed By:

Date:

3/31/2013

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 3/31/2013 (May 31, 2013 - M6) Time: 12:35

Site ID: W10

Volunteers: ERNIE BENDT, JEAN TRAVIS, Gladia RIQUE, NICK BUEHLER, RAY TRAVIS

rev: 20121019

### 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:

fallen and some debris on surface

### Instrument Readings:

Anemometer Air Readings

Air temp: 86. F  
 Wind Speed: 2.5 mph  
 Wind Direction: 240  
 (Compass Degrees)

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

Thermocline:          ft.  
 Lake Depth: 29.2 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 *Troll only*
  - 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:

Nick Buchler

Reviewed By:

Date:

5/31/2013

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 3/31/2013 (May 31, 2013 - MG) Time: 12:55

Site ID: SP

Volunteers: ERVIE BENOIT, JEAN TRAVIS, GLORIA RICKEN, NICK BUEHLER, RAY TRAVIS rev: 20121019

### 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:

small amount of surface debris.

### Instrument Readings:

Anemometer Air Readings

Air temp: 57.1 F  
 Wind Speed: 4.9 mph  
 Wind Direction: 250  
 (Compass Degrees)

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

Thermocline:        ft.  
 Lake Depth: 25 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)
- Troll Only*

### Water Quality Signatures

Form Filled In By:

Nick Buehler

Reviewed By:

\_\_\_\_\_

Date: 5/31/13

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 8/10/2013

Time: 9:07 AM

Site ID: S1

Volunteers: Sean & Ray Travis, Ernie Benoit, Tom Pazzella, John Pedersen, Rich Farnas, Nick Buchler, Gloria Rickett rev: 20121019

### Weather Observations

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

Nick Buchler

Reviewed By:

Gloria Rickett

Date: 8/10/13

### Water Observations

- Water Surface Conditions:
  - Calm
  - Ripples
  - Waves
  - White Caps
- Water Color:
  - Clear
  - Green Appearance
  - Brown Appearance
  - Gray Appearance
- Water Clarity:
  - Clear
  - Dark Colored JNB
  - Cloudy or Muddy
- Suspended Matter:
  - None Visible
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Water Smell/Odor
  - None
  - Fishy Smell
  - Musty Smell
  - Rotten Egg-like Smell
  - Septic-like Smell
- 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: 72.3 F
- Wind Speed: 6.3 mph
- Wind Direction: 270  
(Compass Degrees)
- Secchi Disk: 12.2 ft  
(Red Side of Tape Feet/Tenths)
- Thermocline: 20 ft.
- Lake Depth: 25 ft.

### Water Samples Collected:

Sample	Top	Tcline	Bot
Chlor	<input checked="" 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)

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: 8/10/2013 Time: 9:50 AM Site ID: M1  
 Volunteers: Sean + Ray Travis, Ernie Benoit, Tom Pezzella, John Pokorny, Rich Francis, Nick Buehler, Gloria Rickett rev: 20121019

### 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 JMB
- 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: 73.5 F  
 Wind Speed: 8.2 mph  
 Wind Direction: 288  
 (Compass Degrees)

Secchi Disk: 15.3 ft/  
 (Red Side of Tape Feet/Tenths)

Thermocline: 24 ft.

Lake Depth: 31 ft.

### Water Samples Collected:

Sample	Top	Tcline	Bot
Chlor	<input checked="" 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:

Nick Buehler

Reviewed By:

Gloria Rickett

Date: 8/10/13



# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 8/10/2013

Time: 10:18 AM

Site ID: NL

Volunteers: Jean & Kay Davis, Eric Benoit, Tom Pezzella, John Pokorny, Rich Franus, Vicki Buchler, Gloria Ricker  
 rev: 20121019

### 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: 73.6 F  
 Wind Speed: 7.4 mph  
 Wind Direction: 255  
 (Compass Degrees)

Secchi Disk: 21.8 ft/  
 (Red Side of Tape Feet/Tenths)

Thermocline: 22 ft.

Lake Depth: 42 ft.

### Water Samples Collected:

Sample	Top	TCLine	Bot
Chlor	<input checked="" 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:

Nick Buchler

Reviewed By:

Gloria Ricker

Date: 8/10/13

# Streams Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/10/2013 Time: 1:04 pm Site ID: BB18

Volunteers: CLARE TAVITY, JUDY NEZMAN, LINDA LITTLE, KEN CHAPIN, GLORIA RICKER, ERNIE BENDT Rev: 20121019

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:

Clare Tavity

Reviewed by:

Gloria Ricker

Date: 8/10/2013

### 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: 1.22 ft.

#### Air/Wind Anemometer

Air temp: 86 °F

Wind Speed: 12.9 MPH

Wind Direction: 110° East

(compass degrees)

#### Troll Water Readings

Water temp: 66.6 °F

RDO: 8.93 Mg/L

pH: 7.48 Units

Conductivity: 123.8 uS/L

Turbidity: 7.6 NTU

ORP: 0.11 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 2/10/2013 Time: 1:14 pm Site ID: LKQ

Volunteers: ELAINE TIMMITY, JUDY KEZCAN, LINDA LITTLETON, CLORIA RICKER, KEN CHAMIN, BENOIT <sup>ERINE</sup> rev: 20121019

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:

*Elaine Timmity*

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: ~~1.0~~ ft.

Air/Wind Anemometer

Air temp: 83.8 F

Wind Speed: 1 MPH

Wind Direction: 70° NE

(compass degrees)

Troll Water Readings

Water temp: 75.40 F

RDO: 6.04 Mg/L

pH: 6.48 Units

Conductivity: 83.96 uS/L

Turbidity: 156.6 NTU

ORP: 0.08 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 8/10/2013 Time: 1:20 pm Site ID: MB 17

Volunteers: ERIN TIMMITY, JUDY KEELAN, LINDA LITTLETON, KEN CHAIAN, GLORIA RUCKER, ERNE BENNET

rev: 20121019

Is this a QC Check? Yes

### Weather Conditions

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

Reviewed by:  
Gloria Rucker

Date: 8/10/2013

### Water Conditions

- Stream Water Flow:
  - Dry Bed
  - No Flow-Water Standing
  - Light Flow
  - Moderate Flow
  - Heavy Flow
- Water Clarity:
  - Clear
  - Dark Colored
  - Cloudy or Muddy
- Suspended Sediment Level:
  - None Visible
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Amount of Aquatic Growth:
  - None
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Water Smell/Odor
  - None
  - Fishy Smell
  - Musty Smell
  - Rotten Egg-like Smell
  - Septic-like Smell
- 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: 0.50 ft.  
Air/Wind Anemometer  
Air temp: 83.8 F  
Wind Speed: 2.4 MPH  
Wind Direction: 232  
(compass degrees)  
Troll Water Readings  
Water temp: 65.27 F  
RDO: 8.48 Mg/L  
pH: 6.62 Units  
Conductivity: 2277 uS/L  
Turbidity: 0.3 NTU  
ORP: 0.10 mV  
Nitrogen: \_\_\_\_\_ ppm

### Equipment Check List:

- In-Situ Tech Support 800-446-7488
- Clip board & raia 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 2/10/2013 Time: 1:55 pm Site ID: SB16

Volunteers: FLAINE TIMOTHY, TUDY KEESAN, LINDA LITTLETON, GLORIA RICKER, KEN CHAMIN, ERNIE BENNET rev: 20121019

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:

*Flaine Timothy*

Reviewed by:

*Gloria Ricker*

Date: 2/10/2013

### 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: 0.64 ft.

Air/Wind Anemometer

Air temp: 84.5 F

Wind Speed: 31.5 MPH

Wind Direction: SE 156  
(compass degrees)

Troll Water Readings

Water temp: 70.12 F

RDO: 8.09 Mg/L

pH: 7.00 Units

Conductivity: 112.2 uS/L

Turbidity: 2.5 NTU

ORP: 0.11 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: SUN - OCT 6, 2013

Time: 9:02 A.M.

Site ID: SOUTH POND

Volunteers: GLORIA RICKER, ED WENTLAND, ERNIE BENOIT, RICH FRANKS, RAY & JEAN TRAVIS, TOM PEZZELLA, MARILYN ASTON rev: 20121019

### 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.

### 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:

ABOUT 30 +  
DUCKS WERE  
AT OUR TESTING  
AREA

### Instrument Readings:

Anemometer Air Readings

Air temp: 60.5°F

Wind Speed: 1.5 mph

Wind Direction: 65°

(Compass Degrees)

Secchi Disk: 11.6 ft/t

(Red Side of Tape Feet/Tenths)

Thermocline: NONE ft.

Lake Depth: 25.0 ft.

### Water Samples Collected:

Sample Top T/Cline Bot

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

### Equipment Check List:

In-Situ Tech Support 868-446-7488

- 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)

### Form Quality Signatures:

Form Filled In-By:

Ed Wentland

Reviewed By:

GLORIA RICKER

Date: 10/6/2013

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: Sun Oct 6 2013

Time: 9:33 AM

Site ID: Middle Pond

Volunteers: GLORIA RICHTER, Ed WENTLAND, ERNIE BEADIT, RICH FRANAS,  
~~RAY JEN TRAVIS, Tom DeZella, MARLYN ALSTON~~

Rev: 20121019

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: 57.6 °F

Wind Speed: 3.9 mph

Wind Direction: 50°

(Compass Degrees)

Secchi Disk: 16.7 ft/ft  
(Red Side of Tape Feet/Tenths)

Thermocline: None ft.

Lake Depth: 28.0 ft.

Water Samples Collected:

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

- Equipment Check List:
- In-Situ Tech Support 800-446-7420
- 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: Ed Wentland

Reviewed By: Gloria Richter

Date: 10/6/2013

# Lake Field Data Sheet – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial#: 48734

Date: Sun Oct 6 2013

Time: 10:00 AM

Site ID: No. Pond

Volunteers: GLORIA RICHER, Ed Venturo, Ernie Benoit, Rich Frank rev. 20121019

RAY + JEAN TRAVIS, TOM Pezzella, MARILYN ALSTON

### 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: 56.2 F  
Wind Speed: 5.1 mph  
Wind Direction: 84°  
(Compass Degrees)

Secchi Disk: 17.6 ft/t  
(Red Side of Tape Feet/Tenths)

Thermocline: 38.0 ft.

Lake Depth: 39.5 ft.

### Water Samples Collected:

Sample	Top	1/2 Cline	Bot
Chlor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nitrate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Equipment Check List:

In-Situ Tech Support 800-446-7438

- 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:

Ed Venturo

Reviewed By:

Gloria Richer

Date: 10/6/2013



# Streams Field Data Sheet – 2013 WLA Water Quality Monitoring Data

## Webster Lake Association

Troll 9500 Serial #: 48734

Use one sheet for each test site

Date: 10/6/2013 Time: 1:05 PM Site ID: BB 1A

Volunteers: JUDY KEEGAN, GLORIA RICKER, ERNIE BENDT, GINA LITTLETON, KEN CHAVIN rev: 20121019

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:

Judy Keegan

Reviewed by:

Gloria Ricker

Date: 10/6/2013

### Water Conditions

1. Stream Water Flow:

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

2. Water Clarity:

- Clear 100 ft
- 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:

TROLL DID NOT WORK

### Instrument Readings:

Staff Gauge: 1.40 ft.

Air Wind Anemometer

Air temp: 57.2 F

Wind Speed: 6 MPH

Wind Direction: 6

(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 10/6/13 Time: 1:40 PM Site ID: LKQ

Volunteers: JUDY KEZZAN, GLORIA RICKER, FRNIE BENNET, LINDA LITTLETON, KEN CHAVIN rev: 20121019

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: JAK

Reviewed by: GLORIA RICKER

Date: 10/6/2013

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: TROLL DID NOT WORK

Instrument Readings:

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

Air/Wind Anemometer

Air temp: 59.9 °F

Wind Speed: 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 10/6/13 Time: 1:49 PM Site ID: MB17 KENCHAMIN

Volunteers: JUDY KEEGAN, GLORIA RICKER, EDVIE BENOIT, LINDA LITTLETON, rev: 20121019

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:

[Signature]

Date: 10/6/2013

### 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: TROLL DID

NOT WORK

### Instrument Readings:

Staff Gauge: 1.46 ft.

Air/Wind Anemometer

Air temp: 59.3 F

Wind Speed: 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 800-446-7438

- 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: 10/6/2013 Time: 1:56 PM Site ID: SB16

Volunteers: JUDY KEEGAN, GLORIA RICKER, ERNIE BENDT, LINDA LITTLETON, CHAVIN <sup>KEN</sup> rev: 20121019

Is this a QC Check? Yes

### Weather Conditions

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

Judy Keegan

Reviewed by:

Gloria Ricker

Date: 10/6/2013

### Water Conditions

- Stream Water Flow:
  - Dry Bed
  - No Flow - Water Standing
  - Light Flow
  - Moderate Flow
  - Heavy Flow
- Water Clarity:
  - Clear
  - Dark Colored
  - Cloudy or Muddy
- Suspended Sediment Level:
  - None Visible
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Amount of Aquatic Growth:
  - None
  - Slight Amount
  - Moderate Amount
  - Substantial Amount
- Water Smell/Odor
  - None
  - Fishy Smell
  - Musty Smell
  - Rotten Egg-like Smell
  - Septic-like Smell
- 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:

TROLL DID NOT WORK

### Instrument Readings:

Staff Gauge: 50 ft.  
Air/Wind Anemometer  
Air temp: 63.4 °F  
Wind Speed: 0 MPH  
Wind Direction: \_\_\_\_\_  
(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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: Oct 22, 2013 Time: 3:55 Site ID: 101318

Volunteers: ERNE BENOIT GLOIA RICKER

rev: 20121019

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:

GLOIA RICKER

Reviewed by:

GLOIA RICKER

Date: 10/22/2013

### 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:

MAKE UP DAY

WITH TROLL

FOR 10/6

### Instrument Readings:

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

Air/Wind Anemometer

Air temp: 53.1 °F

Wind Speed: \_\_\_\_\_ MPH

Wind Direction: NW  
(compass degrees)

Troll Water Readings

Water temp: 53.0 °F

RDO: 11.52 Mg/L

pH: 7.5 Units

Conductivity: 167.3 uS/L

Turbidity: 0.5 NTU

ORP: 0.18 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: OCT 22, 2013 Time: 4:05 Site ID: LKQ

Volunteers: ERVIE BENOIT, GLORIA RICKER

rev: 20121019

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:

GLORIA RICKER

Reviewed by:

GLORIA RICKER

Date: 10/22/2013

### 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:

MAKE UP DATA

WITH TROLL

### Instrument Readings:

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

*Anemometer*

Air temp: 63.5 °F

Wind Speed: 0.8 MPH

Wind Direction: \_\_\_\_\_

(compass degrees)

*Troll Water Readings*

Water temp: 56.37 °F

RDO: 8.38 Mg/L

pH: 6.80 Units

Conductivity: 135.0 µS/L

Turbidity: 34.0 NTU

ORP: 0.11 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: OCT. 22, 2013 Time: 4:25 PM Site ID: MB17

Volunteers: EDVIE BENNETT GLORIA RICKER

rev: 20121019

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:

GLORIA RICKER

Reviewed by:

GLORIA RICKER

Date: 10/22/2013

### 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: SLIGHT

OIL SKIM

WINDY DAY

FOR TROLL

### Instrument Readings:

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

Air/Wind Anemometer

Air temp: 62.7 °F

Wind Speed: 0 MPH

Wind Direction: 0  
(compass degrees)

Troll Water Readings

Water temp: 54.06 °F

RDO: 7.40 Mg/L

pH: 6.55 Units

Conductivity: 24.38 µS/L

Turbidity: 1.1 NTU

ORP: 0.16 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 – 2013 WLA Water Quality Monitoring Data

Use one sheet for each test site

## Webster Lake Association

Troll 9500 Serial #: 48734

Date: Oct 22, 2013 Time: 4:35 PM Site ID: 5B16

Volunteers: Gloria Ricker, ERNE BENT

rev: 20121019

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:

Gloria Ricker

Reviewed by:

Gloria Ricker

Date: 10/22/2013

### 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: WICKER

FURNITURE

MAKE UP DRY  
WITH TROLL

### Instrument Readings:

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

Air/Wind Anemometer

Air temp: 59.4 °F

Wind Speed: 1.7 MPH

Wind Direction: NE

(compass degrees)

Troll Water Readings

Water temp: 54.80 °F

RDO: 7.90 Mg/L

pH: 6.64 Units

Conductivity: 186.4 µS/L

Turbidity: 0.3 NTU

ORP: 0.17 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