

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: 48734

Use one sheet for each test site

Date: 6/7/2015

Time: 10:45

Site ID: 51

Volunteers: GLORIA MARILYNN KEVIN MATT LIZ RICH ERNIE RICKER, ALSTON, JOHNSON, JORDAN, ELLIOT, FRAWAS, BENDT

rev: 20150510

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: 66.5 °F

Wind Speed: 4.0 mph

Wind Direction: 156

(Compass Degrees)

Secchi Disk: 10.9 inches
(Red Side of Tape Feet/Tenths)

Thermocline: 18 ft.

Lake Depth: 23 ft.

Water Samples Collected:

Sample	Top	TCline	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 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:

MATT JORDAN

Reviewed By:

Gloria Ricker

Date: 6/7/2015

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: 48734

Use one sheet for each test site

Date: 6/7/2015

Time: 11:23

Site ID: M1

Volunteers: GLORIA MARLYNN KEVIN MATT LIZ RICH ERWIG RICKER ALSON JOHNSON JORDAN ELLIOTT FRANKS BENOIT

rev: 20150510

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: 65.8 °F

Wind Speed: 4.2 mph

Wind Direction: 124

(Compass Degrees)

Secchi Disk: 14.8 inches
 ft/t (Red Side of Tape Feet/Tenths)

Thermocline: 24 ft.

Lake Depth: 35 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 checked="" 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:

MATT JORDAN

Reviewed By:

GLORIA RICKER

Date: 6/7/2015

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 6/7/2015

Time: 11:52

Site ID: N1

Volunteers: GLORIA MARILYN KEVIN MATT LIZ RICH ERIC RICKER, ALSTON, JOHNSON, JORDAN, ELLIOTT, FRANKS, BENNETT

rev: 20150510

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: 66.4 °F

Wind Speed: 5.3 mph

Wind Direction: 142

(Compass Degrees)

Secchi Disk: 13 inches
 (Red Side of Tape Feet/Tenths)

Thermocline: 22 ft.

Lake Depth: 48 ft.

Water Samples Collected:

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

MATT JORDAN

Reviewed By:

GLORIA RICKER

Date: 6/7/2015

Streams Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: 48734

Date: 6/17/2015 Time: 2:35 PM Site ID: BB 18

Volunteers: GLORIA RICKER, LIZ ELLIOTT, ELLEN STANGREEM, FRANKIE NICRO, DAVE NICRO, BOB PATRICE

rev: 20150510

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:

LIZ ELLIOTT

Reviewed by:

Gloria Rickers

Date: 6/18/2015

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: H₂O PUMP
CIG BOTTS, TRASH
(LITTLE)

Instrument Readings:

Staff Gauge: 1.34 ft.

Air/Wind Anemometer

Air temp: 73.2 °F

Wind Speed: 0.9 MPH

Wind Direction: 320°

(compass degrees)

Troll Water Readings

Water temp: 57.94 °F

RDO: 10.14 Mg/L

pH: 6.86 Units

Conductivity: 125.6 uS/L

Turbidity: 2.8 NTU

ORP: 0.23 mV

Nitrogen: X 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: 48734

Date: 6/7/2015 Time: 2:45 PM Site ID: LKQ

Volunteers: GLORIA RICKER, LIZ ELLIOTT, ELLA STANGLON, TATIANA HATE, DAVE NIGRO, DAVE PATRICK

rev: 20150510

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 N/A
 Nitrates

Form Quality Signatures:

Form filled in by:
LIZ ELLIOTT

Reviewed by:
Gloria Rickel

Date: 6/8/2015

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)
- Notes: BRANCHES
STAKE COFFEE CUP
BEER CAN

Instrument Readings:

Staff Gauge: X ft.

Air/Wind Anemometer

Air temp: 74.2 °F

Wind Speed: 0.7 MPH

Wind Direction: 120°
 (compass degrees)

Troll Water Readings

Water temp: 65.66 °F

RDO: 4.66 Mg/L

pH: 7.15 Units

Conductivity: 222.4 uS/L

Turbidity: X 2.2 NTU

ORP: 0.12 mV

Nitrogen: X 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 6/7/2015 Time: 3:00 PM Site ID: MB 17

Volunteers: GLORIA PICKER, LIZ ELLIOTT, ELLEN STANFORD, TRACY NIGRO, DAVE NIGRO, BOB PATRICK

rev: 20150510

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:
LIZ ELLIOTT

Reviewed by:
Gloria Picker

Date: 6/8/2015

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: RIBBON
PIECE OF FOAM
GRASS, BRUSH &
DIRT DUMP

Instrument Readings:

Staff Gauge: 0.56 ft.

Air/Wind Anemometer

Air temp: 75.7 °F
 Wind Speed: 0.7 MPH
 Wind Direction: _____
 (compass degrees)

Troll Water Readings

Water temp: 54.29 °F
 RDO: 10.34 Mg/L
 pH: 6.12 Units
 Conductivity: 17.95 uS/L
 Turbidity: -0.0 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

Streams Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: 48734

Date: 6/17/2015 Time: 3:39 PM Site ID: SB16

Volunteers: CLYDIA RICKEL, LIZ ELLIOT, ELLEN STANGORUM, TRIMMY DAVE, ALICE, BOB, PATRIC

rev: 20150510

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:

LIZ ELLIOT

Reviewed by:

Gloria Reck

Date: 6/18/2015

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 moss
- 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: plastic cup,
cigarette butts &
empty pack

Instrument Readings:

Staff Gauge: 0.58 ft.

Air/Wind Anemometer

Air temp: 73.1 °F

Wind Speed: 0.68 MPH

Wind Direction: 270

(compass degrees)

Troll Water Readings

Water temp: 63.30 °F

RDO: 8.83 Mg/L

pH: 6.42 Units

Conductivity: 128.5 uS/L

Turbidity: 1.0 NTU

ORP: 0.18 mV

Nitrogen: X 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial#: **48734**

Date: 8/2/2015

Time: 10:37 AM

Site ID: #S1

Volunteers: GLORIA RICKER, MARILYN ALSTON, ERNIE BEVITT, KEVIN JOHNSON, MYRTLE JORDAN, LIZ ELLIOT, ED WENTLAND, TOM PEZZELLA, JASON

rev: 20150510

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: 78.1 °F
 Wind Speed: 3.3 mph
 Wind Direction: W 260
 (Compass Degrees)
 Secchi Disk: 13.6 ft/t
 (Red Side of Tape Feet/Tenths)
 Thermocline: 16 ft.
 Lake Depth: 24 ft.

Water Samples Collected:

Sample	Top	TCLine	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 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:

MATT JORDAN

Reviewed By:

GLORIA RICKER

Date: 8/2/2015

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 8/2/2015

Time: 11:11 AM

Site ID: MI

Volunteers: GLORIA, MARILYNN, ERNIE, KEVIN, MIAT, LIZ, ED, TOM, JASON, RICKER, ALISON, BEVOT, JOHNSON, JORDAN, ELLIOT, WENTLAND, PEZZELLA rev: 20150510

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: 26.7 °F
 Wind Speed: 1.2 mph
 Wind Direction: W 260°
 (Compass Degrees)

Secchi Disk: 17.0 ft/t
 (Red Side of Tape Feet/Tenths)

Thermocline: 20 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 checked="" 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)

Form Quality Signatures:

Form Filled In By:

Matt Jordan

Reviewed By:

Gloria Ricker

Date: 8/2/2015

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 8/2/2015 Time: 11:45 AM Site ID: N1
 Volunteers: GLORIA, MARILYNN, ERNIE, KEVIN, MYAT, LIZ, ED, TOM, RICKER, ALSTON, BENOIT, JOHANSON, JORDAN, ELLIOT, WENTLAND, PEZZELLA, JASON rev: 20150510

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: 78.0 °F
 Wind Speed: 5.5 mph
 Wind Direction: W 250
 (Compass Degrees)

Secchi Disk: 15.1 ft/t
 (Red Side of Tape Feet/Tenths)

Thermocline: 20 ft.

Lake Depth: 41 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 checked="" 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:

Matt Jordan

Reviewed By:

Gloria Ricker

Date: 8/2/2015

Streams Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 8/5/2016

Time: 2:25 pm

Site ID: B318 BRIDGES BROOK

Volunteers: GLORIA RICKER, ERNIE BENOIT, JUDY HEEGAN, LIZ ELLIOTT, KEN CHAUVIN

rev: 20150510

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:

Liz Elliott

Reviewed by:

Gloria Ricker

Date: 8/5/2015

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, lids
cigarette butts
3 empty packs,
paper, plastic

Instrument Readings:

Staff Gauge: .62 ft.

Air/Wind Anemometer

Air temp: 81.9 °F

Wind Speed: 0.0 MPH

Wind Direction: NA
(compass degrees)

Troll Water Readings

Water temp: 66.59 °F

RDO: 8.56 Mg/L
24.0

pH: 219.4 Units

Conductivity: 219.4 uS/L

Turbidity: 1.5 NTU

ORP: 219.019 mV

Nitrogen: N/A 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 8/2/2016 Time: 2:15 PM Site ID: LKQ

Volunteers: GLORIA RICKER, ERNIE BENOIT, JUDY REEGAN, LIZ ELLIOTT, KEN CHAUVIN rev: 20150510

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:

Liz Elliott

Reviewed by:

GLORIA RICKER

Date: 8/2/2016

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, paper
STRAW

NO WATER
IN PIPE

Instrument Readings:

Staff Gauge: NA ft.

Air/Wind Anemometer

Air temp: 84.2 °F

Wind Speed: 2.0 MPH

Wind Direction: 270

(compass degrees)

Troll Water Readings

Water temp: NA °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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 8/2/2016 Time: 3:10 pm Site ID: M317 MINEBROCK

Volunteers: GLORIA RICKER, ERNIE BENOIT, JUDY HEEGER, LIZ ELLIOTT, KEN CHAUVIN rev: 20150510

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:

Liz Elliott

Reviewed by:

Gloria Ricker

Date: 8/2/2016

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: beer can,
milk carton, paper
QC.

Instrument Readings:

Staff Gauge: 0.35 ft.

Air/Wind Anemometer

Air temp: 84.2 °F

Wind Speed: 1.2 MPH

Wind Direction: 290

(compass degrees)

Troll Water Readings

Water temp: 60.7 °F

RDO: 3.65 Mg/L

pH: _____ Units

Conductivity: 27.89 uS/L

Turbidity: 0.9 NTU

ORP: 0.21 mV

Nitrogen: NA 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 8/2/2016 Time: 3:29 PM Site ID: S13 16 SUCKER BROOK

Volunteers: GLORIA RICKER, ERNIE BENOIT, JUDY REEGAN, LIZ ELLIOT, KEN CHAUVIN

rev: 20150510

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:
J. Keegan

Reviewed by:

Date: _____

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: _____ ft.
Air/Wind Anemometer
Air temp: 65.8 67 °F
Wind Speed: 0 MPH
Wind Direction: 0
(compass degrees)
Troll Water Readings
Water temp: 65.67 °F
RDO: 7.30 Mg/L
pH: 6.47 Units
Conductivity: 245.9 uS/L
Turbidity: 0.83 NTU
ORP: 0.3 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 – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 9/27/2015

Time: 10:45 am

Site ID: SI

Volunteers: KEVIN JOHNSON, RICKER, ^{GLORIA} ERNIE LIZ, ~~MARK~~ TOM, ^{MARILYN} PHIL, ^{MARGARET} SHEKHAN, ~~ALSTON~~ rev: 20150510

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:

Liz Elliott

Reviewed By:

GLORIA RICKETZ

Date: 9/27/2015

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: 57.7°F

Wind Speed: 1.7 mph

Wind Direction: 285

(Compass Degrees)

Secchi Disk: 10.2 ft/t
(Red Side of Tape Feet/Tenths)

Thermocline: - ft.

Lake Depth: 23.5 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 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 – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 9/27/2015

Time: 11:08 am

Site ID: M1

Volunteers: KEVIN JOHNSON, GLORIA ERNIE LIZ, RICKER, BENDT, ELLIOTT, ZILMAN, PEZZELLA, ALSTON ALSTON, SHEA HAN Rev: 20150510

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: 63.1 °F
 Wind Speed: 1.3 mph
 Wind Direction: 205
 (Compass Degrees)

Secchi Disk: 17.8 ft/t
 (Red Side of Tape Feet/Tenths)

Thermocline: - ft.
 Lake Depth: 28.5 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 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)

Form Quality Signatures:

Form Filled In By:

Liz Elliott

Reviewed By:

Gloria Ricketz

Date: 9/27/2015

Lake Field Data Sheet – 2015 WLA Water Quality Monitoring Data

Webster Lake Association

Troll 9500 Serial#: **48734**

Use one sheet for each test site

Date: 9/27/2015 Time: 11:37 am Site ID: N1
 Volunteers: KEVIN JOHNSON, RICKER, GLORIA ERNIE LIZ, BENNETT, TOM, MARTIN, PEZZELLA, ALSTON, ALSTON, SHEEHAN, MARGARET Rev: 20150510

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:

Reviewed By:

Gloria Ricketz

Date: 9/27/2015

Water Observations

- Water Surface Conditions:
 - Calm
 - Ripples
 - Waves
 - 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
- Notes/Other Observations:

Instrument Readings:

Anemometer Air Readings
 Air temp: 67.6 °F
 Wind Speed: 3.1 mph
 Wind Direction: 222
 (Compass Degrees)
 Secchi Disk: 15.1 ft/t
 (Red Side of Tape Feet/Tenths)
 Thermocline: 32 ft.
 Lake Depth: 39.5 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 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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 9/27/2015 Time: 8:33 AM Site ID: BB18

Volunteers: GLORIA RICKER, LIZ ELLIOTT, ERIC BENOIT, RAY KEESAN, TAMMY NIGRO, DAVE NIGRO

rev: 20150510

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: 9/27/2015

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:

BED DRY
NO RAIN FOR
DAYS

Instrument Readings:

Staff Gauge: _____ ft.

Air/Wind Anemometer

Air temp: 42.06 °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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 9/27/2015 Time: 8:45 AM Site ID: LKQ

Volunteers: GLORIA RICKER, LIZ ELIOTT, ERIC BERG, JODI KESSEAN, TAMMY NIGRO, DAVE NIGRO

rev: 20150510

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:
Gloria Ricker

Reviewed by:
Gloria Ricker

Date: 9/27/2015

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)
- Notes: NO WATER
OVERGROWTH
OF PLANTS

Instrument Readings:

Staff Gauge: _____ ft.
Air/Wind Anemometer
Air temp: 43° °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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 9/27/2015 Time: 9:19 AM Site ID: MB17

Volunteers: GLORIA RICKER, LIZ ELIOTT, EDWYNE BERTON, RODI KEEGAN, TAMMY NIGRO, DAVE NIGRO

rev: 20150510

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: _____

Reviewed by: GLORIA RICKER

Date: 9/27/2015

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)
- Notes: TWO BEER CANS IN DRY BED.
NO RAIN FOR DAYS

Instrument Readings:

Staff Gauge: _____ ft.

Air/Wind Anemometer

Air temp: 49° °F

Wind Speed: 1 MPH

Wind Direction: NW
(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 – 2015 WLA Water Quality Monitoring Data

Use one sheet for each test site

Webster Lake Association

Troll 9500 Serial #: **48734**

Date: 9/27/2015 Time: 12:47 PM Site ID: SB16

Volunteers: GLORIA RICKER, LIZ ELLIOTT, ERINNE BROWN, JODY KEEGAN, TAMMY NIGRO, DAVE NIGRO

rev: 20150510

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:
Liz Elliott

Reviewed by:
Gloria Ricker

Date: 9/27/2015

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)
- Notes: cig. butts,
beer can, paper,
gum wrappers,
plastic cup

Instrument Readings:

Staff Gauge: 0.35ft.
Air/Wind Anemometer
Air temp: 67.3 °F
Wind Speed: 0.9 MPH
Wind Direction: 360
(compass degrees)
Troll Water Readings
Water temp: 52.6 °F
RDO: 6.87 Mg/L
pH: 6.42 Units
Conductivity: 202.3 uS/L
Turbidity: -0.4 NTU
ORP: 0.15 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