**Northeast States Cyanobacteria Monitoring 2015**

**Field Data**

orgID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ContactName: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

waterbodyID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ waterbodyName: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

State: \_\_\_\_\_\_ Town: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CommentWB: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

stationID: \_\_\_\_\_\_\_\_\_\_\_\_\_ stationDescription: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

stationType (pick one): nearShore  offShore

longitudeSta: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ latitudeSta : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

LocationSourceSta: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

commentStation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

sampleID: \_\_\_\_\_\_\_\_\_\_\_\_ sampleDate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sampleTime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

fieldCrew: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

sampleMethod: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sampleRep (pick one): Primary  Duplicate

sampleDepthM: \_\_\_\_\_\_\_\_ waterTempC: \_\_\_\_\_\_\_\_\_ photoSample (pick one): Yes  No

surfaceWaterCondition (pick one): Calm  Ripples  Choppy  White Caps

weather (pick one): Clear  Partly Cloudy  Overcast  Rain

commentSample: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Northeast States Cyanobacteria Monitoring 2015**

**Lab Data**

waterbodyID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ stationID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sampleID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **analysis** | **analysis** | **analyst** | **frozen** | **filtered** | **dilution** | **sample** | **Chla** | **Phyco** | **analysisRep** | **fluorometer** | **photos** | **commentAnalysis** |
| **ID** | **Date** | **Name** | **Y/N** | **Y/N** | **e.g. 1:10** | **Temp C** | **ug/l** | **ug/l** | **Primary / Duplicate** | **Type** | **Y/N** |  |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |
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| 10 |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |
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| 14 |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |
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**Northeast States Cyanobacteria Monitoring 2015**

**Field Data Definitions**

|  |  |
| --- | --- |
| **Field** | **Description** |
| orgID | Acronym for you Organizations (e.g., AED, CRWA, CTDEEP, MEDEP, NHDES, RIWW, UNH, VTDEC) |
| ContactName | Name of contact person for data entry and questions. |
| Email | Email address of contact person |
| Phone | Phone Number of contact person |
| waterbodyID | Important: if your organization has a unique identifier for the waterbody use it here. If not use your orgID followed by an underscore and a unique three digit number. (e.g. UNH\_001) |
| waterbodyName | Waterbody Name with no abbreviations. Check spelling and try to be consistent. |
| state | Two letter state code |
| town | Closest town to the waterbody (if known) |
| commentWB | Any comments or observations about the waterbody go here in text format. |
| stationID | Important: if your organization has a unique identifier for the station use it here. If not use "Sta" followed by a unique two digit number. (e.g. Sta01, Sta02, etc). |
| stationDescription | Text description of the station location; something to help you remember where it is. |
| stationType | Select "nearShore" or "offShore" |
| longitudeSta | Longitude in decimal degrees (WGS84) of the station. Minimum of 4 decimal places; 6 decimal places preferred. |
| latitudeSta | Latitude in decimal degrees (WGS84) of the station. Minimum of 4 decimal places; 6 decimal places preferred. |
| locationSourceSta | How was the location determined (e.g.,"WaterbodyDatabase"; "GPS"; "GoogleEarth"; "BingMaps"; "topoMap")? |
| commentStation | Any comments or observations about the station go here in text format. |
| sampleID | Assign a unique ID to the sample. Could be “Samp" and a two digit sequential number (e.g., Samp01, Samp02 etc.) |
| sampleDate | Date the sample was taken in format MM/DD/YYYY |
| sampleTime | Time the sample was taken in format HH:MM AM/PM |
| fieldCrew | Names of the field crew separated by commas (e.g., Hilary Snook, Jim Haney) |
| sampleMethod | This should only be "Integrated Sampler” but if you do use another method let us know. |
| sampleRep | Select "primary" or "duplicate". For each station and date you can have only one primary sample but many duplicates. |
| sampleDepthM | Sample depth in Meters. This should be 1 (m) for "nearShore" stations and 3 (m) but other depths could be entered if necessary. |
| surfaceWaterCondition | Choices restricted to "Calm"; "Ripples"; "Choppy"; & "White Caps" |
| waterTempC | Enter the water temperature (Centigrade) at sample site |
| weather | Choices restricted to "Clear"; "Partly Cloudy"; "Overcast"; & "Rain" |
| photoSample | Did you take photos during the sampling? Choose yes or no |
| commentSample | Any comments or observations about the sample go here in text format. |

**Northeast States Cyanobacteria Monitoring 2015**

**Lab Data Definitions**

|  |  |
| --- | --- |
| **Field** | **Description** |
| waterbodyID | waterbodyID must be copied exactly from the Field Data Form |
| stationID | stationID must be copied exactly from the Field Data Form |
| sampleID | sampleID must be copied exactly from the Field Data Form |
| analysisID | For each sample sequentially number the analysisIDs, |
| analysisDate | Date the sample was analyzed in format MM/DD/YYYY |
| analystName | Name of the person in charge of the analysis |
| frozen | Was the sample frozen before analysis? |
| filtered | Was the sample filtered before analysis? |
| dilution | Dilution factor for samples. Use 1:1 for undiluted; 1:10 for a 1 to 10 dilution; etc. |
| sampleTemperatureC | Enter the temperature (Centigrade) of the sample just prior to taking the fluorometry reading |
| ChlaUGL | Fluorometer reading in ug/l for Chlorophyll |
| PhycoUGL | Fluorometer reading in ug/l for Phycocyanin |
| analysisRep | Select "primary" or "duplicate". For each sample you can have only one primary reading but many duplicates. |
| fluorometerType | This should be "Beagle". |
| photosAnalysis | Did you take photos during the analysis? Could include microscope photos? Choose yes or no |
| commentAnalysis | Any comments or observations about the analysis go here in text format. |