Cyano Monitroing Data Variables

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Sampling Data Variables

Visit Event (We have arrived)

- Visit ID
- Weather Conditions
    - Overcast
    - Partly Cloudy
    - Clear
    - Rain
- Surface Water Conditions
    - Calm
    - Ripples
    - Choppy
    - White Caps
- Date
- Arrival Time
- Sampler Names
- Primary Organization
- Waterbody Identifier
    - Name
    - State ID (Optional)
    - Org ID (Optional)
- Photo
- Comment

Site Event (we have arrived at the site)

- Visit ID
- Site ID
- Sample Time
- Site Description
- Long, Lat
- Location Source
- Site Type
    - Near Shore 1 m
    - Off Shore 1 m
    - Off Shore 3 m
- Lake Water Temperature
- Photo
- Comment

Analysis Event

- Site ID
- Analysis ID
- Analysis Date
- Analysis Time
- Analyst Name(s)
- Frozen
- Sample Temperature
- Dilution
    - 1:1
    - 1:5
    - 1:10
- Phycocyanin Value (ug/l)
- Chlorophyll Value (ug/l)
- Sample Photos
- Comments

Bloom Watch

Bloom Event

- Interface
    - Observer Name
    - Waterbody Name
    - Weather Conditions
        * Overcast
        * Partly Cloudy
        * Clear
        * Rain
    - Surface Water Conditions
        * Calm
        * Ripples
        * Choppy
        * White Caps
    - Photo(s)
        * Prompt with Bloom, Bloom + Shore, Up close
    - Bloom Description
        * Size
    - Comment
    - Contact Info
- Behind the Scences
    - Visit ID
    - Date
    - Time
    - Long, Lat