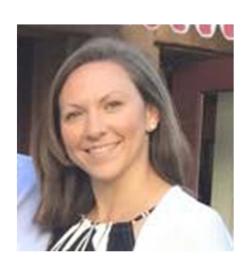


# **Your Virginia CMC Service Providers**



Liz Chudoba, CMC Project Manager Alliance for the Chesapeake Bay Ichudoba@allianceforthebay.org (804) 775-0951



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### **Chesapeake Monitoring Cooperative**

A partnership that aims to provide technical, logistical, and outreach support for the integration of volunteer-based and nontraditional water quality and benthic macroinvertebrate monitoring data into the Chesapeake Bay Program (CBP) partnership.

**Cooperative Agreement** 

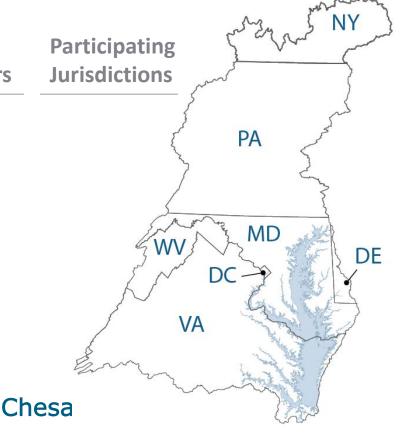






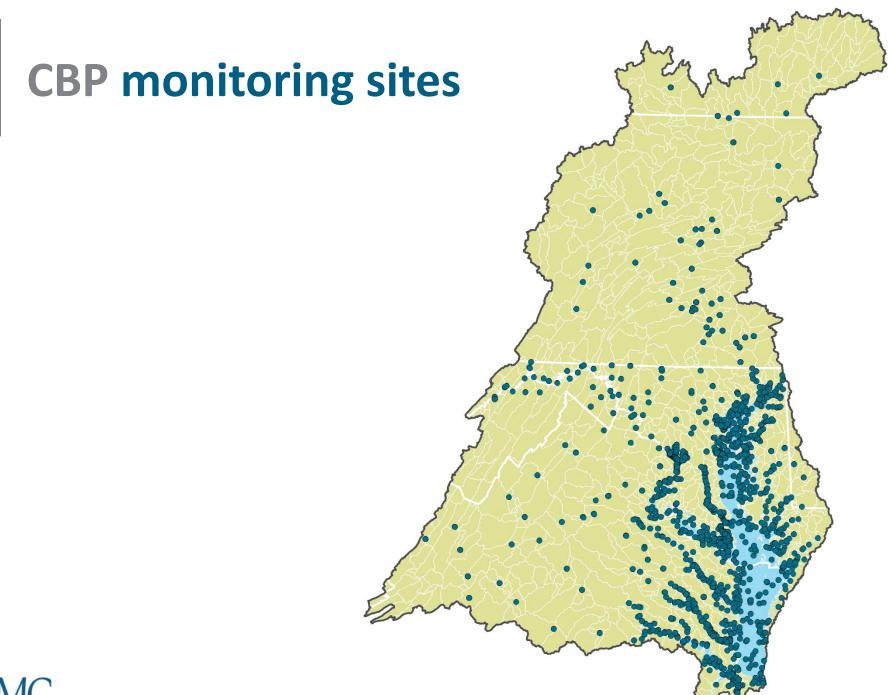














Preliminary site coordinates of non-traditional monitoring

### **Foundational Resources Developed**

- Quality Assurance Project Plans Tier 1 & 2
- Standard Operating Procedures (SOPs) Tier 1 & 2
- User-friendly Methods Manuals
- Indicator Fact Sheets
- Tiered Framework: 3 tier set up that determines the quality of the data collected
- Prioritization Report: How volunteer and nontraditional monitoring can help fill data gaps in the Chesapeake Bay Watershed

### STEPS TO BECOME A CMC PARTNER

### **Application for Assistance**

### To apply for assistance:

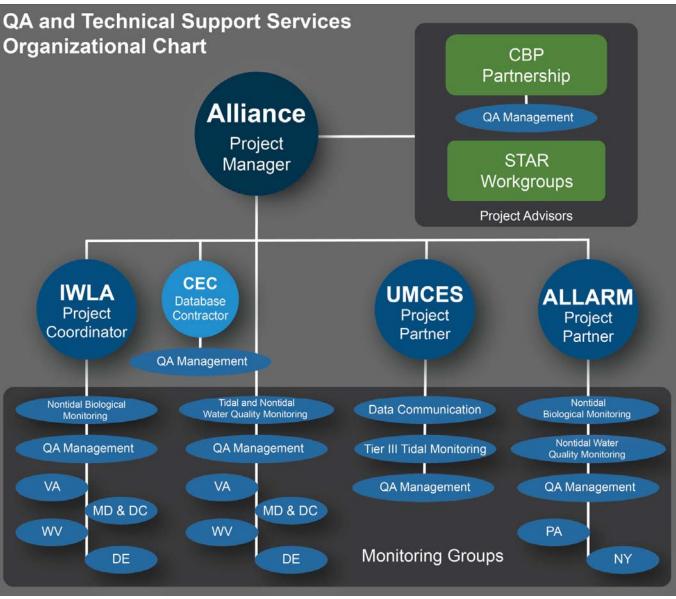


- 1) Complete the brief Application form.
  - Basic organizational and contact information
  - ii. Checklist of technical assistance needs
  - iii. Open-ended Q's about the purpose for technical assistance
  - iv. Identify service providers you've previously worked with
- 2) Email the completed form to Liz Chudoba at: <a href="mailto:lchudoba@allianceforthebay.org">lchudoba@allianceforthebay.org</a>.



### **Connect with a CMC Service Provider**







# **On Boarding**



New Monitoring Groups – the CMC service provider works with each group to conduct a Study Design workshop, Training workshops and equipment selection.

OR

**Existing Monitoring Groups –** the CMC service provider works with each group to review current quality assurance and standard operating procedures to determine Tier level.



# **Technical Support Services**

- Study Design Workshops
- Water Quality and Benthic Macroinvertebrate
   Monitoring Trainings, Certifications, and Re-certs
- Benthic Macroinvertebrate Order Level Identification
- Equipment and Equipment Suggestions
- QA trouble shooting
- Data Interpretation and Report Card Workshops
- Data Verification & Quality Control
- Support for Data Cleaning and Data Uploads

### **Enter Data into Chesapeake Data Explorer**

# **STEP**

4

#### Minimum eligibility requirements:

- GPS coordinates of your monitoring sites
- Documented methods
- Documented quality assurance procedures



### **Chesapeake Data Explorer**



Admin

Data - Profile

Manage -

### CMC Data Man

Good Evening, Elizabeth

**Upload Water Quality** 

Edit & Review Water Quality

Upload Macroinvertebrates

Submit Station

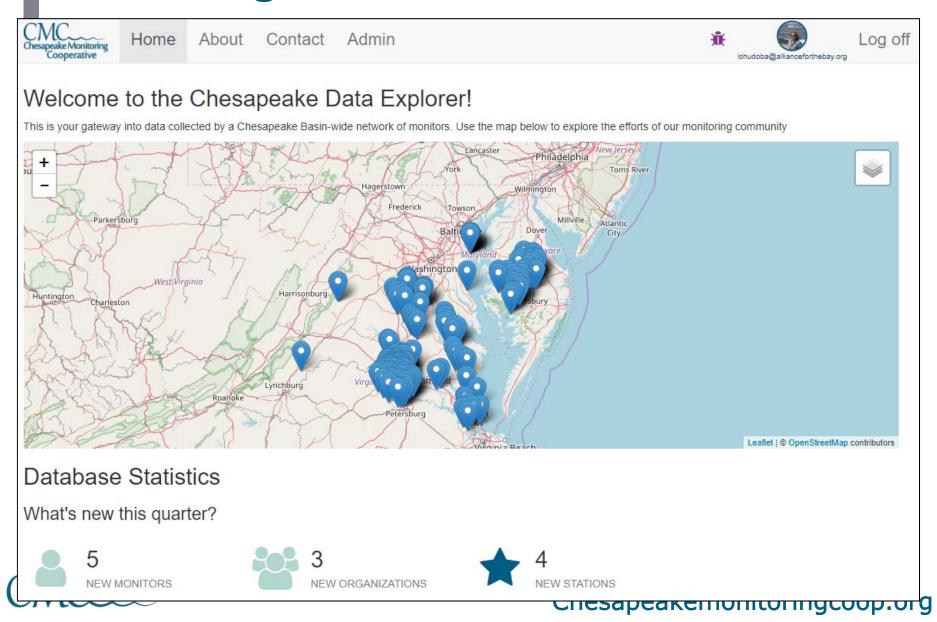




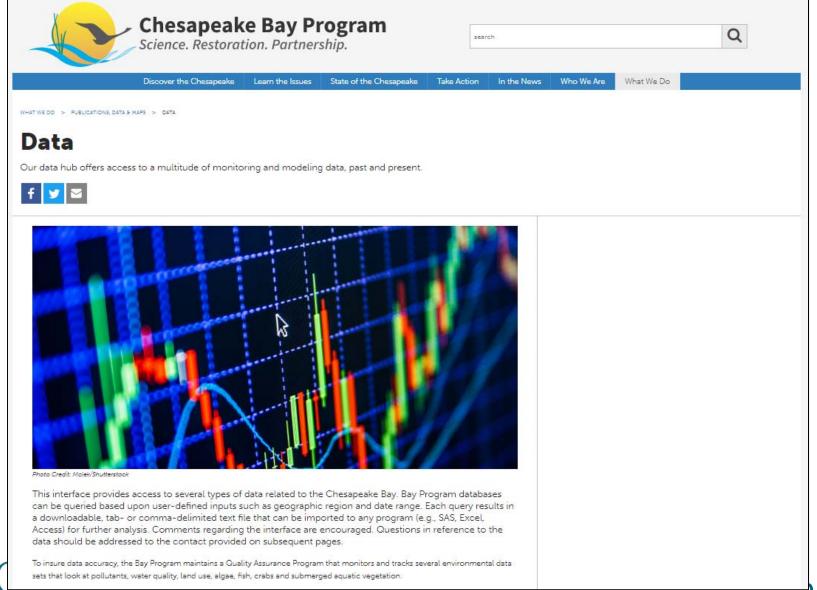




### **Data Usage Public**



### Data Usage EPA Chesapeake Bay Program



### Where we are now

- Study Design Workshops
  - 6 completed
- Water Quality Monitoring Training
  - 11 completed
- Macroinvertebrate Training
  - 11 completed
- Data Interpretation Workshops
  - 2 completed





# What can you do?

- 1) Sign up for our e-newsletter
- 2) Request Assistance
- 3) Request a training or workshop



# **Upcoming Trainings**

#### Benthic Macroinvertebrate Workshops

- April 7<sup>th</sup>- Lynchburg, VA
- April 8<sup>th</sup>- Richmond, VA
- April 8<sup>th</sup>- West Augusta, VA

#### Water Quality Workshops

- May 8<sup>th</sup> RiverTrends Recertification, Richmond, VA
- June 2<sup>nd</sup> New Monitor Training, Richmond, VA

