HECD PRIORITIES IN FY 2022

Elizabeth (Betsy) Behl
Director, Health and Ecological Criteria Division, OST/OW/EPA

FSTRAC Meeting
September 29, 2021

CELEBRATING ACCOMPLISHMENTS

- Brochures on biological condition gradients and bioassessment program reviews
- Caribbean Coral Reef BCG
- Websites updated:
  - NSTEPS Online
  - FSTRAC
- Problem Formulation for PFOA/S in biosolids
- Biosolids Biennial Report #8
- TNSSS Summary Statistics and Estimates of 95th percentiles for 84 analytes
- Elemental Analysis of samples from TNSSS
- Held Biosolids co-regulator Workgroup Meeting
- User perception survey methods for nutrient criterion
- Updated nutrient criteria for lakes and reservoirs
- Updated Human health benchmarks for pesticides
- Completed external peer review of draft PFOA and PFOS aquatic life criteria
- Complete external peer review of Phase 1 Report on Aquatic life criteria for metals.
- Completed 3 Workshops with 6 Regions/associated states/tribes on Aquatic Life Criteria for Toxics
- Provided extensive support to Regions on Endangered Species Biological Evaluations
- Cyanotoxins preparedness and response toolkit
- Harmful Algal Blooms: StoryMap
- Held a 3-part series on managing pathogens in Tribal Waters (in coordination with NOAA) and a national webinar on managing toxins in recreational and drinking waters with EPA Regions and associated states

FY2022 PRIORITIES: BIOCRITERIA AND NUTRIENT CRITERIA

Biocriteria

- Completed Bioassessment Program Critical Elements reviews in SC NM, and AR
- Ongoing work on BCG development in MA Bays, Central Great Plains (MN, IA, KS, MO, NE, OK), and Pacific NW Maritime Region (OR, WA) (factors in climate sensitive measures)

Nutrient Criteria

Support state-specific evaluations of new lake criteria

Projects ongoing in TN, IN, MI, MN, OH, WI, AR, OK, ND, CO, and Coeur d'Alene

- Technical support projects through N-STEPS for:
  - Rivers and Streams: NH, AR, NM Pueblos
  - Estuaries and Coastal Waters: MA, ME, NC, FL

FY2022 PRIORTIES FOR AQUATIC LIFE CRITERIA FOR TOXICS

- Release draft PFOA and PFOS draft aquatic life criteria for public comment
- Develop draft case study pilots for several PFAS chemicals using NAMS
- Initiate work on aquatic-dependent wildlife criteria for PFOA and PFOS, beginning (data quality review of toxicity studies).
- Publish GIS map tool for national water chemistry data (with example criteria application)
- Update aquatic life criteria for pesticides
- Develop draft ion criteria document
- Continue to provide both state criteria and ESA support to regions/states
- Update Metals criteria
  - Draft updated aquatic life criteria for Nickel and Zinc
  - Initiate problem formulation and QA of toxicity studies for Lead and Copper

FY2022 PRIORITIES FOR HUMAN HEALTH

- Publish Final GenX toxicity assessment
- Develop screening MCLGs for Six Year Review of Drinking Water Standards
- Draft whitepapers for PFAS MCLGs for SAB review and support regulatory determination
- Publish updated Health Advisory Table
- Begin to update the 2000 methodology to address risks to subsistence fishers and tribes

FY2022 PRIORITIES FOR HUMAN HEALTH

- Draft Five-Year Review of the 2012 Recreational Water Quality Criteria
- Publish TSM on addressing non-human fecal exposure in recreational criteria
- Draft Recreational Criteria for Coliphage
- Publish final HABs and Hypoxia Events of National Significance (HHENS) policy
- Draft Health Effects Support Documents(HESD) for saxitoxins and Nodularins

FY2022 PRIORITIES FOR BIOSOLIDS

- Hold SAB Review of Biosolids Risk Assessment Approaches
- Hold National Biosolids Meeting 2021 (November 2-4)
- Hold Biosolids Webinar Series
- Publish EPA CompTox Dashboard Biosolids List Update/Paper
- Complete DRAFT Biosolids Biennial Report #9 (2020-2021 review)
- Publish Pathogens/Vectors Technical Guidance Update

QUESTIONS?

CONTACT:
BEHL.BETSY@EPA.GOV
202-566-0788