



TENATIVE AGENDA

I. CALL TO ORDER

II. ROLL CALL

III. MINUTES

- A. Draft March 23, 2023

IV. INTRODUCTORY COMMENTS

- A. Chair Michael Bott
- B. FDA Melissa Abbott/Laurie Farmer
- C. NMFS Steven Wilson
- D. EPA Bill Kramer
- E. CDC Mike Hughes

IV. ISSC REGION UPDATES

- A. Region 1 - Maine, New Hampshire, Massachusetts, Rhode Island
- B. Region 2 - Connecticut, New York, New Jersey
- C. Region 3 - Maryland, Delaware, Virginia
- D. Region 4 - North Carolina, South Carolina, Georgia, Florida
- E. Region 5 - Alabama, Mississippi, Louisiana, Texas
- F. Region 6 - Alaska, Washington, Oregon, California, Hawaii
- G. Non-Producing States - All Inland States

V. PROGRAM CHAIRMAN'S REPORT

- A. 2025 Biennial Meeting
- B. 2024 Spring Board Meeting

VI. EXECUTIVE COMMITTEE REPORT

- A. Grant Updates
 - 2023 FDA Cooperative Agreement Grant
 - AFDO Milk & Shellfish Cooperative Agreement Update
- B. 2022 Tax Return
- C. Financial Conflict of Interest Statements
- D. ISSC Strategic Planning

VII. COMMITTEE REPORTS

- A. Laboratory Committee

VIII. OLD BUSINESS

- A. 2023 Summary of Actions & NSSP Guide Revision
- B. Model Ordinance Vp Control Plan guidance



IX. NEW BUSINESS

- A. 2023-2024 Committee Rosters and Assignments
- B. Recall Workgroup
- C. FDA Status of States report/Update on training and technical assistance
- D. Controlled Access status of George's Bank

IX. REGIONAL MEETING SCHEDULE

- A. ISS & GSACC
- B. PAC RIM
- C. NESSA

X. OTHER INFORMATION

XI. ADJOURN

DRAFT



MINUTES

A meeting of the ISSC Executive Board was held by video conference.

I. Attendance

Board Members Present

Michael Bot
Keith Skiles
Eric Hickey
Lori Howell
Debra Barnes
Steve Fleetwood
Danielle Schools
Gary Hill
Portia Sapp
Steve Pollock
Todd Phillips
Bruce Flippens
Blake Millet
Johnathan Gerhardt
Melissa Abbott
Bess Ormond
Steve Wilson
Bill Kramer
Mike Hughes
David Fyfe
Kohl Kanwit
A.J. Erskine

Chair
Executive Director
Region 1 Regulatory
Region 1 Industry
Region 2 Regulatory
Region 2 Industry
Region 3 Regulatory
Region 3 Industry
Region 4 Regulatory
Region 5 Industry
Region 6 Regulatory
Non-Producing
Non-Producing
Non-Producing
FDA
FDA-ORA alt.
NOAA
EPA
CDC
NW Indian Fisheries Comm.
Past Chair
VMC

Board Members Absent

Shannon Jenkins
Barry Hurt
Erik Broussard
Miranda Ries
Keith Jacson

Vice Chair/ Patrol Advisor
Region 4 Industry
Region 5 Regulatory
Region 6 Industry alt.
Retail Advisory

II. Opening Remarks

Michael Bott



A quorum was reached and the meeting was called to order. Reiterated that the purpose of the meeting is to discuss the FDA response to 2023 summary of actions.

III. FDA Response to 2023 Summary of Actions

Proposal 23-104

FDA raises concerns about the new language adopted in the proposal, specifically the changes from 60 to 30 days for closures.

ISSC Board members responded that this proposal was adopted by an almost unanimous vote by the 2023 general assembly.

A motion was made to take no action on the FDA recommendation for proposal 23-104. The motion was seconded and carried by a voice vote.

Proposal 23-204

FDA explains that their position is that the language in the above proposal is in direct conflict with the NSSP guide.

A motion was made to take no action on the FDA recommendation for Proposal 23-204. The motion was seconded and carried by a voice vote.

The executive office will send out a poll to schedule a follow up meeting. The meeting was adjourned.

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(Revisions since March 18, 2023, in red bold italics)

EPA, in addition to implementing the Clean Water Act programs for bacterial pathogen standards, monitoring, permits, assessment, total maximum daily loads (TMDLs) and enforcement; is engaged in these topics:

1. Clean Water Act Recommended Water Quality Criteria (*RWQC*) for Recreational Waters (Swimming) [John Ravenscroft, Susan Euling]

- EPA published final recreational water quality criteria in November 2012.
- EPA's implementing guidance discussing alternative indicators and methods is available at: <https://www.epa.gov/wqc/recreational-water-quality-criteria-and-methods#rec2>
- ***On May 25, 2023, EPA published the report on the 2nd five-year review of the current (2012) RWQC as required by the BEACH Act amendments to the CWA. This final report includes the review of the latest science since the previous review of the RWQC (published in 2018), EPA's determination that there is a need to revise its recommended RWQC, three recommendations, and research needs*** (<https://www.epa.gov/system/files/documents/2023-05/2023-5year-review-rwqc-report.pdf>). ***To address the report's recommendations, EPA plans to – 1) develop additional criteria recommendations for qPCR-enumerated enterococci protective of children; 2) continue to develop recommendations for coliphages to help address potential risks from human enteric viruses in ambient waters; and 3) explore how best to use human fecal source identifiers, such as HF183, for water quality management.***

2. Development of Recreational Water Quality Criteria for Coliphage [John Ravenscroft]

- EPA is continuing to develop recommendations for coliphage, a viral indicator, to ensure public health protection from water sources that have been influenced by fecal contamination or wastewater discharge.
- In April 2015, EPA published a literature review on the state of the science describing the usefulness of coliphage as an indicator.
 - Available on our EPA microbial pathogen website: <https://www.epa.gov/wqc/microbial-pathogenrecreational-water-quality-criteria#coliphage>
- 2019: EPA has validated and posted two microbiological performance-based coliphage enumeration methods on our Clean Water Act Analytical Method webpages (<https://www.epa.gov/cwa-methods/other-clean-water-act-test-methods-microbiological>):
 - 1696: Characterization of Human Fecal Pollution in Water by HF183/BacR287 TaqMan® Quantitative Polymerase Chain Reaction (qPCR) Assay® (March 2019)
 - 1697: Characterization of Human Fecal Pollution in Water by HumM2 TaqMan® Quantitative Polymerase Chain Reaction (qPCR) Assay® (March 2019)
- ***On May 25, 2023, EPA published the report on the 2nd five-year review of the current RWQC as required by the BEACH Act amendments to the CWA. One of the recommendations in the report*** (<https://www.epa.gov/system/files/documents/2023-05/2023-5year-review-rwqc-report.pdf>) ***is to continue to develop recommendations for coliphages to help address potential risks from human enteric viruses in ambient waters.***
- ***For more information, please visit:*** <https://www.epa.gov/cwa-methods/other-clean-water-act-test-methods-microbiological>

3. EPA Development of Recreational Ambient Water Quality Criteria (AWQC) or Swimming Advisories for Cyanotoxins [John Healey, Lars Wilcut] see #5

4. Ocean and Coastal Acidification (OCA) [Holly Galavotti]

- *Monitoring*
 - In 2022, EPA published the report, *Using Data Repositories for Ocean and Coastal Acidification Monitoring Data*. EPA evaluated the use of public data repositories and shared best practices for management, storage, and sharing of ocean and coastal acidification monitoring data collected by the National Estuary Programs and citizen science groups.
 - In August 2021, EPA published a journal article: [Integrating high resolution coastal acidification monitoring data across seven U.S. estuaries](#). This detailed analysis of the coastal acidification monitoring data collected at seven National Estuary Program sites demonstrate that high-quality carbonate chemistry observations can be recorded from estuarine environments using autonomous sensors originally designed for open-ocean settings.
 - In July 2021, EPA published the report: [Measuring coastal acidification using in situ sensors in the National Estuary Program](#). This Report details the experiences of ten National Estuary Programs and their partners in conducting high resolution coastal acidification monitoring using autonomous, in situ pH and pCO₂ sensors from 2015 to 2020.
 - In May 2021, EPA published the [EPA Resource Guide for Managers of Coastal Watersheds with Coral Reefs](#). The purpose of this document is to provide a general overview of the most relevant EPA programs and tools that can help watershed managers address land-based sources of pollution that impact coral reefs.
 - EPA added a coastal acidification monitoring research parameter, total alkalinity, to the 2020 National Coastal Condition Assessment.
 - In 2020, EPA held two recorded webinars on [Coastal Acidification Adaptation and Mitigation Strategies and State Legislation on Ocean & Coastal Acidification](#).
 - EPA contributed technical support and analysis for a coordinated single-day total alkalinity citizen science sampling event called “Shell Day” in the northeastern US that occurred on August 22, 2019 & 2022. Check out #shellday on twitter, or <http://www.necan.org/shellday>
 - In 2018, EPA released guidelines for measuring changes in seawater pH and associated carbonate chemistry in coastal environments of the Eastern United States (Adam Pimenta and Jason Grear).
<https://www.epa.gov/sciencematters/guidelines-measuring-changes-seawater-ph>
 - Visit our website: What EPA is Doing to Address Ocean and Coastal Acidification
 - <https://www.epa.gov/ocean-acidification/what-epa-doing-address-ocean-and-coastal-acidification>
- *Research on Ecological and Economic Impacts and Tools for Addressing OCA*
 - In 2022, EPA published the paper *Economic Impacts of Ocean Acidification: A Meta-Analysis*.
 - EPA funded the *Ocean to Plate to Ocean* pilot study in the Casco Bay National Estuary Program that tests the impact of deposition of shell material on pH and shellfish recruitment in tidal flats and demonstrates the feasibility of a shell collection program in Maine. Check out this video: <https://www.newscentermaine.com/article/news/shuck-it-then-chuck-it/97-857520b0-b5a9-42a9-afd3-00d671afc824>
- *Interagency and Intra-Agency Coordination*
 - EPA is a member of the Interagency Working Group on Ocean Acidification (IWG-OA).
 - ***In 2023, the IWG-OA published the [Ocean Chemistry Coastal Community Vulnerability Assessment](#). The IWG-OA’s next report is a Monitoring Prioritization plan.***

- The IWG-OA spearheaded an [Ocean Acidification Information Exchange](#) in collaboration with the Northeastern Regional Association for Coastal Ocean Observing Systems (NERACOOS) to share resources, access up-to-date information, and interact across disciplines and regions.
- EPA is a member of the Coral Reef Task Force which has dedicated a working group to climate change and ocean acidification.
- EPA has an Agency-wide Ocean and Coastal Acidification Coordination Workgroup. The workgroup was formed to foster coordination across the Agency to ensure efforts are leveraged, whenever possible.
- EPA is a member of the Oregon Ocean Acidification and Hypoxia Monitoring Workgroup (Cheryl Brown, ORD).

5. Harmful Algal Blooms (HABS) and Cyanotoxins [Michael Paul]

- *EPA developed a cross agency National HAB Program (NHP), composed of HAB staff and scientists from all 4 water programs, all 10 regions, and ORD. The NHP is the center for communication, coordination, and collaboration among EPA programs and regional offices involved in HAB-related work. The main work of the NHP is to conduct and coordinate the following activities: Promote Inter-and Intra-Agency Coordination and Communication; Implement a National HAB Monitoring and Forecasting Program; Provide Technical Assistance and Training; and Develop Reports on EPA's Efforts to Address HABS. The NHP meets monthly.*
- *EPA also developed an EPA HAB Steering Committee (HABSteC). The HABSteC is composed of senior leadership from all 4 water programs, the regions, and ORD. The role of the HABSteC is to provide executive level leadership, strategic vision, and guidance to the NHP to ensure the Program's efforts align with Agency needs and priorities. Their primary function is to provide recommendations on the priority actions that EPA needs to take to reduce the impact of HABS while making effective use of Agency resources.*
- *EPA published final recommendations for microcystins and cylindrospermopsin in May 2019. These EPA AWQC or Swimming Advisory values for Microcystin and Cylindrospermopsin can be found at: <https://www.epa.gov/wqc/recreational-water-quality-criteria-and-methods#rec3>*
- *EPA continues to work with state and tribal partners to further the use of these thresholds in swimming advisories and in adoption into WQS to protect recreational uses.*
- *State cyanotoxin thresholds used for recreational advisories can be found at: <https://www.epa.gov/cyanohabs/state-habs-monitoring-programs-and-resources#state2>*
- *State recreational and drinking water advisory postings which are made available to the public are tracked on a StoryMap on the EPA HABS website at: <https://storymaps.arcgis.com/stories/d4a87e6cdfd44d6ea7b97477969cb1dd>*
- *EPA continues to develop a health effects support document for saxitoxins.*
- *EPA NHP is hosting CyanoSymposium 2023 in October 2023 to provide continuing outreach and education on cyanobacteria and cyanotoxins, from genes to satellites, and from basic science to applications in clean water and drinking water programs. The symposium will take place virtually over 4 afternoons on Oct 16/18, 23/25.*
- *EPA NHP and ORD are also starting a research webinar series this winter. The One Environment – One Health: HABS, Hypoxia, and Nutrients webinar series will be hosted by ORD, the Office of Water (OW) and the Regions to communicate the latest research related to nutrients and priority impacts of nutrient pollution—harmful algal blooms (HABS) and hypoxia. Topics will cover cutting-edge research related to monitoring and forecasting,*

prevention, control, and response. OW and Regional priorities and regulatory updates will also be included.

- *EPA co-chairs with NOAA the Interagency Working Group on HABHRCA (IWG-HABHRCA). The IWG coordinates and convene Federal agencies to discuss HAB and hypoxia events in the United States, and develops action plans, reports, and assessments of these situations. The IWG this year is developing an interim assessment of HABs and Hypoxia in South Florida and will develop a final assessment and action plan next year.*
- *For general information regarding HABs and their toxins, please go to the EPA HABs website here: <https://www.epa.gov/cyanohabs>*
- *EPA's National HABs Program released new web content on [Sargassum Inundation Events](#). The web content provides scientific information on the ecology of this group of brown algae, their distribution, scale, and the challenges associated with their management in the Atlantic, Caribbean, and Gulf of Mexico. The content also discusses the impacts of Sargassum inundation events on human health, environmental health, and local economies. EPA expects this content will inform and help water quality managers and scientists at state and territorial agencies better understand the effects of these inundation events, assess their potential risks, and inform their management decisions.*

6. Microplastics work with potential implications for shellfish - Trash Free Waters Program [Romell Nandi; Nizanna Bathersfield]

- EPA's [Trash Free Waters program](#) is facilitating Agency efforts to conduct and disseminate research on methods for collection, extraction and identification of nano- and microplastics for surface waters (including in the marine environment) and sediments, as well as quantification, fate, and risk assessment of microplastics.
- The Trash Free Waters Program and NOAA's Marine Debris program, on behalf of the Interagency Marine Debris Coordinating Committee (IMDCC) have published in the Federal Register for public comment a draft report to Congress focused on microfiber pollution, which includes a section on the impacts of microfibers on biota. This effort was undertaken pursuant to a mandate directing the IMDCC to develop a microfiber pollution report under Section 132 of the Save Our Seas 2.0 Act. The public comment period for the report closed on October 17, 2022, and a revised version of the document in response to the comments received is being developed, which will eventually be submitted to OMB for review.

7. Fish and Shellfish Program Newsletter [Sharon Frey]

- The bi-monthly newsletter focuses on current information about shellfish, finfish and crustaceans. The newsletter provides a snapshot of recent advisories, federal agency activities, publications, awarded research, and future meetings and conferences. The newsletter can be found at this link: <https://www.epa.gov/fish-tech/fish-and-shellfish-program-newsletter>
- If you wish to be on the email list to receive the newsletter, please contact Sharon Frey at frey.sharon@epa.gov.

8. 2021 EPA-FDA Advice about Eating Fish and Shellfish [Lisa Larimer]

- EPA and FDA provide advice on eating fish and shellfish that is geared toward helping people who are pregnant, may become pregnant, or are breastfeeding, and parents and caregivers who are feeding

children, make informed choices about fish that are nutritious and safe to eat as it pertains to methylmercury.

- Fish and shellfish provide protein, are low in saturated fat, are rich in many micronutrients, and provide certain omega-3 fatty acids that the body cannot make and are important for normal growth and development. However, as a result of natural processes and human activity, fish also contain mercury in the form of methylmercury. Methylmercury can negatively affect the central nervous system, particularly the developing brain of a fetus.
- In October 2021, they released updated advice that has been expanded to *include children less than 2 years old and align with the Dietary Guidelines for American 2020-2025, which was released in December 2020. It clarifies that children should eat 2 servings a week from the “best choices” category.*
- It retains the chart with 36 types of fish and shellfish that are “best choices” to eat 2 to 3 times a week; 19 fish that are “good choices” to eat one serving a week; and 7 fish to avoid if pregnant, breastfeeding, or feeding to young children. The advice still recommends that women eat two to three servings (8 to 12 ounces) of a variety of fish and shellfish each week and still includes answers to frequently asked questions.
- “Best Choices” include clam, oyster and scallop. No bivalves are listed under “Good Choices” or “Choices to Avoid”.

9. Fish and shellfish advisory guidance [Lisa Larimer]

- In December 2020, EPA released an update of the 1995 risk communication volume (Volume 4) of the national Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories (<https://www.epa.gov/fish-tech/develop-risk-communication-programs-fish-and-shellfish-consumption-advisories>). This 2020 update, titled Develop Risk Communication Programs for Fish and Shellfish Consumption Advisories, provides states, territories, and tribes information on how to develop a risk communication program in order to clearly and effectively use risk communication methods for fish advisories, especially for communicating to high-risk groups. The updated guidance is web-based and discusses best practices and the use of modern communication methods such as the Internet and social media.
- EPA is currently updating Volumes 1 and 2 of the guidance: Fish Sampling and Analysis and Risk Assessment and Fish Consumption Limits.

10. EPA International Cooperation Website [Bill Kramer]

- Collaborating with global and bilateral partners, EPA is working to promote sustainable development, protect vulnerable populations, facilitate commerce, and engage diplomatically around the world, including Protecting the Marine Environment <https://www.epa.gov/international-cooperation>. **Also, see the <https://www.epa.gov/international-cooperation/epa-collaboration-canada> (Salish Sea) and [Latin America and the Caribbean](#) .**

11. Per- and Polyfluoroalkyl Substances (PFAS) [Susan Euling, Carey Johnston, Kathryn Gallagher]

- On October 18, 2021, EPA announced the agency’s PFAS Strategic Roadmap—laying out a whole-of-agency approach to addressing PFAS. See: <https://www.epa.gov/pfas>
- The roadmap sets timelines by which EPA plans to take specific actions and commits to bolder new policies to safeguard public health, protect the environment, and hold polluters accountable. The actions described in the PFAS Roadmap each represent important and meaningful steps to safeguard communities from PFAS contamination. Cumulatively, these actions will build upon one another and lead to more enduring and protective solutions.

- EPA recently released the [PFAS Analytic Tools](#) to integrate data about PFAS reporting, testing, and occurrences in communities. The PFAS Analytic Tools make it easier to evaluate the collective PFAS information from 11 different databases that include relevant information. Consolidating all these data sources in one searchable platform will help the public, researchers, and other stakeholders better understand potential PFAS sources in their communities, including potential exposure pathways in communities with environmental justice concerns. Public release of the PFAS Analytic Tools was a commitment included in EPA's PFAS Strategic Roadmap ([Link to 2022 Progress Report](#) – see p.8).
- On May 3, 2022, EPA published draft ambient water quality criteria for [PFOA](#) and [PFOS](#) to protect waters designated for aquatic life.
- ***In June 2022, EPA published drinking water health advisories for GenX chemicals and PFBS (<https://www.epa.gov/sdwa/drinking-water-health-advisories-genx-chemicals-and-pfbs>). In addition, EPA published interim drinking water health advisories for PFOA and PFOS (<https://www.epa.gov/sdwa/drinking-water-health-advisories-pfoa-and-pfos>) based on updated scientific information since the publication of the 2016 health advisories.***
- In November 2022, EPA released a report documenting the Agency's first year of progress under the PFAS Strategic Roadmap and highlighting key actions ahead. See: [Link to 2022 Progress Report](#)
- On March 14, 2023, EPA announced proposal of the PFAS [National Primary Drinking Water Regulation](#) (NPDWR) to establish legally enforceable levels, called Maximum Contaminant Levels (MCLs), for six PFAS in drinking water. The PFAS included in the proposal are PFOA and PFOS as individual contaminants, and PFHxS, PFNA, PFBS, and HFPO-DA (commonly referred to as GenX Chemicals) as a PFAS mixture. ***EPA is responding to the public comments received. The EPA Administrator expects that the PFAS rule will be finalized in December 2023.***
- ***EPA continues to develop national recommended human health ambient water quality criteria (under CWA 304a) for PFOA and PFOS as well as for additional PFAS when final toxicity assessments are published. PFOA and PFOS human health criteria are expected in the fall of 2024 per a commitment in EPA's PFAS Strategic Roadmap (https://www.epa.gov/system/files/documents/2021-10/pfas-roadmap_final-508.pdf). For more information on human health criteria see: <https://www.epa.gov/wqc/national-recommended-water-quality-criteria-human-health-criteria-table>***

PFAS Strategic Roadmap Office of Water (selected items)

- In October 2021, the final toxicity assessment for GenX chemicals was published (<https://www.epa.gov/chemical-research/human-health-toxicity-assessments-genx-chemicals>).
- ***In June 2022, EPA published health advisories for GenX and PFBS based on final toxicity assessments to enable tribes, states, and local governments to inform the public and take appropriate action <https://www.epa.gov/sdwa/drinking-water-health-advisories-genx-chemicals-and-pfbs>***
- Restrict PFAS discharges from industrial sources through a multi-faceted Effluent Limitations Guidelines program to proactively establish national technology-based regulatory limits, including progress on the nine industrial categories in the proposed PFAS Action Act of 2021. (Expected 2022 and ongoing)
- Leverage National Pollutant Discharge Elimination System permitting to reduce PFAS discharges to waterways to reduce discharges of PFAS at the source and obtain more comprehensive information through monitoring on the sources of PFAS and quantity of PFAS discharged by these sources. (Expected winter 2022)
- Publish improved analytical methods to enable 40 PFAS to be monitored in eight different environmental matrices, and to update methods for drinking-water monitoring. (Expected fall 2022 and fall 2024)

- Enhance data availability on PFAS in fish tissue to better assess the impacts of PFAS on the aquatic environment and to inform federal, state, and Tribal efforts to set PFAS fish advisories. For more information, please go to <https://www.epa.gov/fish-tech/studies-fish-tissue-contamination>
- In some states, pollutant levels in certain types of fish and shellfish collected from contaminated bodies of water have led to health-based consumption advisories for some PFAS, particularly PFOS (State Impact Pennsylvania 2018, State of Michigan 2018). For the most up to date information links to state and tribal fish consumption advisory websites <https://fishadvisoryonline.epa.gov/Contacts.aspx>

12. Beach Sanitary Survey App [Samantha Fontenelle]

- In April 2021, EPA allowed participatory/citizen scientists and all other members of the public access to its improved app to help communities identify potential sources of pollution to recreational waters. Everyone can now use EPA's Sanitary Survey App for Marine and Fresh Waters to collect and share data on potential sources of fecal pollution and information on potential harmful algal bloom (HAB) events in local surface waters. EPA has posted a recording of one of the training webinars on how to use the app and download data.
- EPA has updated the paper versions of the marine and freshwater sanitary surveys to match what is in the app and updated the corresponding user manuals.
- In August 2021, EPA released a [Data Export Tool](#) for the app. This new tool makes downloading data quick and easy because it includes all data and photos for one or more surveys in one file.
- ***In April 2023, EPA released updates to the marine and freshwater routine surveys which included changes to Parts 2-4 of both surveys.***
- ***In FY2024, there are several planned improvements/enhancements to marine and freshwater routine surveys to include shorter surveys, levels of user rights/permissions, and updates to the data export tool.***
- For more information, please go to <https://www.epa.gov/beach-tech/sanitary-surveys-recreational-waters> or contact EPA at EPA_SanitarySurveyApp@epa.gov to request training or demo on the app.

13. Vessel Discharges, including Ballast Water (see also #18) [Jack Faulk, Holly Galavotti]

- In December 2018, Congress enacted a new law, the Vessel Incidental Discharge Act (VIDA), with a goal to harmonize the patchwork of U.S. and state vessel discharge requirements. VIDA requires EPA to develop new uniform national standards of performance for incidental discharges, including ballast water, from commercial vessels and for the U.S. Coast Guard (USCG) to develop corresponding implementing regulations two years thereafter to ensure, monitor, and enforce compliance with the new EPA standards. VIDA also preempts states from establishing or enforcing more stringent requirements but does give states the authority to inspect and enforce the new federal regulations. EPA proposed new standards for twenty different incidental discharges (e.g., ballast water, bilgewater, graywater, exhaust gas scrubber washwater) on October 26, 2020. In early 2023, EPA announced it will be publishing a supplemental notice to the proposed rulemaking in Fall 2023 to provide clarification on the proposed rule, share new ballast water data that EPA is receiving from the US Coast Guard, and discuss additional regulatory options with a goal to finalize the standards in Fall 2024.
- Pursuant to the Great Lakes and Lake Champlain Invasive Species Program established under VIDA, EPA, with support from the Department of Transportation's Maritime Administration (MARAD) and the Great Waters Research Collaborative, is in the third year three of a multi-year R&D plan to evaluate ballast water management options for lakers (i.e., bulk carrier vessels operating solely on the Great Lakes). Importantly, this work will include land-based and shipboard testing of various ballast water treatment systems to evaluate the practicability of managing ballast water given the unique characteristics of these vessels in the challenging waters of the Great Lakes. More details about this work, including a

copy of the full R&D plan, are available on the Lake Superior Research Institute website at: <https://www.uwsuper.edu/lrsri/gwrc/gllcisp/index.cfm>.

14. Federal Waters [Bill Kramer]

- EPA does not have a role under the Clean Water Act in federal waters (generally beyond 3 nautical miles from the baseline) under the NSSP. State Water Quality Standards do not apply beyond the 3-mile limit (except TX, FL 9 mi.).

15. NPDES Permits and Effluent Guidelines (related to Aquaculture) [Kevin Weiss, Carey Johnston] Meghan Hessenauer

- The National Pollutant Discharge Elimination System (NPDES) program was created under the federal Clean Water Act to protect and improve water quality by regulating operations with point source discharges of pollutants into waters of the United States. These operations are required to obtain coverage under NPDES permits (40 CFR §122.2). An NPDES permit, issued by either EPA or an authorized state/territory, contains industry-specific technology-based and/or water-quality-based limits and establishes pollutant monitoring and reporting requirements to protect the quality of surface waters. An effluent guideline (technology-based limit) has been developed for certain concentrated aquatic animal production (CAAP) facilities (40 CFR §451). The CAAP effluent guideline applies to the facilities that produce 100,000 pounds of fish annually. Facilities that are required to seek permit coverage but are not covered by the ELG (i.e., operations that don't produce 100,000 pounds of fish annually), are subject to technology-based limits based on Best Professional Judgement (BPJ) of the permitting authority.
- NPDES and Aquaculture: <https://www.epa.gov/npdes/aquaculture>
- CAAP Effluent Guideline: 16. <https://www.epa.gov/eg/concentrated-aquatic-animal-production-effluent-guidelines>

16. CWA Section 404 Program [Jennifer Linn, Brian Topping]

The CWA Section 404 establishes a permitting program to regulate the discharge of dredged and fill material into waters of the U.S., including wetlands. EPA jointly administers the program with the U.S. Army Corps of Engineers (Corps). Corps is responsible for permit issuance except where EPA has approved a state or tribe to do so.

Proposed discharges are evaluated for compliance with environmental criteria, i.e., the Section 404(b)(1) Guidelines, developed by the EPA in conjunction with the Corps. Among other things, the Guidelines specify that that no discharge of dredged or fill material may be permitted if: (1) a practicable alternative exists that is less damaging to the aquatic environment; or (2) the nation's waters would be significantly degraded. When an entity applies for a Section 404 permit, it must first demonstrate that steps have been taken to avoid impacts to wetlands, streams, and other aquatic resources; that potential impacts have been minimized; and that compensation will be provided for all remaining unavoidable impacts.

Examples of activities related to aquaculture that may be subject to Section 404 permitting requirements include the discharge of dredged or fill material into open waters, wetlands, or vegetated shallows to prepare the bottom substrate for larval shellfish attachment and growth or to construct fishery impoundments.

On Thursday, February 9th, EPA published “[A Review of Compensatory Mitigation in Estuarine and Marine Habitats](#)” to inform regulators, mitigation providers, and the public about compensatory mitigation in estuarine and marine settings. The report explores four habitats: shallow water, seagrass, oysters, and tidal flats (mudflats); it describes each of the habitats’ importance and provides examples of mitigation and restoration projects. A comprehensive list of third-party mitigation providers (as of 2021) with estuarine and marine sites and a subset of permittee-responsible mitigation projects from five coastal states is included.

CWA Section 404 Program: <https://www.epa.gov/cwa-404/section-404-permit-program>

17. Marine Protection, Research, and Sanctuaries Act (MPRSA)

EPA Ocean Dumping Management Program [Dave Redford]

- The Marine Protection, Research, and Sanctuaries Act (MPRSA), also known as the Ocean Dumping Act, regulates the disposition of any material into the ocean, unless expressly excluded under the MPRSA. Note: the MPRSA applies seaward of the baseline, which includes state ocean water. Generally speaking, the baseline is the mean lower low water line (ordinary low water mark) along the coast or “closing lines” that are drawn on maps across rivers mouths and openings of bays and that are depicted on official United States Nautical Charts (i.e., National Oceanic and Atmospheric Administration (NOAA) nautical charts for a region).
- Section 101 of the MPRSA generally prohibits the transportation of any material for the purpose of dumping in the ocean, unless authorized by permit. The MPRSA prohibits or restricts (primarily in terms of material type, amount and location) ocean dumping that would adversely affect human health, welfare, or amenities, the marine environment, ecological systems, or economic potentialities. In the United States, the MPRSA implements the requirements of the London Convention, an international treaty of global application to protect the marine environment from pollution caused by the dumping of wastes or other matter into the ocean.
- Under the MPRSA, EPA is responsible for establishing criteria for reviewing and evaluating permit applications, ***issuing permits for all materials other than dredged material, and concurring, non-concurring, or concurring with comment on all dredged material permits and authorizations proposed by the U.S. Army Corps of Engineers (USACE).***
- EPA's ocean dumping criteria consider, among other things: the environmental impact of the dumping on fisheries resources, including but not limited to shellfish, fish, plankton, shorelines and beaches; the need for the dumping; the effect of the dumping on esthetic, recreational, or economic values; the impact on marine ecosystems including potential changes to marine ecosystem diversity, productivity and stability; land-based alternatives to ocean dumping; and the adverse effects of the dumping on other uses of the ocean.
- Regarding who might be subject to MPRSA, the law states:
 - (a) Except as may be authorized by a permit issued pursuant to section 1412 or section 1413 of this title, and subject to regulations issued pursuant to section 1418 of this title,
 - (1) no person shall transport from the United States, and
 - (2) in the case of a vessel or aircraft registered in the United States or flying the United States flag or in the case of a United States department, agency, or instrumentality, no person shall transport from any location any material for the purpose of dumping it into ocean waters.
 - (b) Except as may be authorized by a permit issued pursuant to section 1412 of this title, and subject to regulations issued pursuant to section 1418 of this title, no person shall dump any material transported from a location outside the United States (1) into the territorial sea of the United States, or (2) into a zone contiguous to the territorial sea of the United States, extending to a line twelve nautical miles seaward from the base line from which the breadth of the territorial sea is measured, to the extent that it may affect the territorial sea or the territory of the United States.

- EPA is responsible for issuing ocean dumping permits for materials other than dredged material. In the case of dredged material, the USACE is responsible for issuing ocean dumping permits and for authorizing federal projects involving ocean dumping, using EPA's environmental criteria. Permits for, and federal authorizations involving, ocean dumping of dredged material are subject to EPA review and written concurrence.
- EPA is also responsible for designating and managing ocean disposal sites for all types of materials. EPA designates ocean disposal sites through rulemaking and sites are published at 40 CFR 228. EPA bases the designation of an ocean disposal site on environmental studies of a proposed site, environmental studies of regions adjacent to the site, and historical knowledge of the impact of disposal on areas similar to the sites in physical, chemical and biological characteristics. EPA must consider the ocean disposal criteria published in the 40 CFR 228.5 and 228.6, which include, among other things, avoiding areas of existing fisheries or shellfisheries when selecting a site for designation. In general, sites are selected in areas where disposal will not have a significant impact on various amenities such as fisheries, shellfish resources, coral reefs, endangered species or other legitimate uses of the ocean. By critically analyzing the site selection criteria, EPA assures that the site selected for designation will not likely cause significant adverse impacts to the surrounding marine environment, including shellfish areas. EPA analyzes these impacts through environmental assessments or environmental impact statements for site designations.
- EPA and USACE together develop site management and monitoring plans for each designated ocean dredged material disposal site. EPA's Ocean Dumping Management Program, often in coordination with USACE, conducts oceanographic surveys at these ocean disposal sites to evaluate environmental conditions at the site and to determine what management actions may be needed.
- In the past, chemical and industrial wastes, radioactive wastes, trash, munitions, sewage sludge, and contaminated dredged material were frequently dumped into the ocean. Today, the ocean is no longer considered an appropriate disposal location for most wastes. The vast majority of material disposed in the ocean is uncontaminated sediment (dredged material) removed from our nation's waterways to support a network of coastal ports and harbors for commercial, transportation, national defense and recreational purposes. Other materials disposed in the ocean include human remains for burial at sea, vessels, man-made ice piers in Antarctica, and fish wastes. *EPA anticipates processing applications in the near future for various climate mitigation techniques involving the disposition of material into the ocean.*
- In the MPRSA permitting, site designation and site management processes, EPA carefully considers potential impacts to shellfisheries from proposed ocean dumping and strives to take all possible precautions to protect these valuable areas in all regulatory decisions. To learn more about how EPA's Ocean Dumping Management Program protects human health and the environment from pollution caused by ocean dumping, please visit: <https://www.epa.gov/ocean-dumping>.

18. Vessel Sewage Management (Kelsey Watts-FitzGerald)

- <https://www.epa.gov/vessels-marinas-and-ports/vessel-sewage-discharges>
- Under Clean Water Act (CWA) section 312, EPA promulgates national standards of performance for vessel sewage discharges from marine sanitation devices (MSDs), the devices installed onboard vessels with toilets that either retain sewage onboard in a holding tank or passively treat and discharge sewage to surrounding waters. Within three miles seaward from shore, it is illegal for vessels to discharge raw/untreated sewage. While states are preempted from adopting or enforcing any statute or regulation with respect to the design, manufacture, installation or use of an MSD, the CWA authorizes states to apply to EPA for designation of vessel sewage no-discharge zones (NDZs) for some or all of a state's waters. An NDZ is an area where the discharge of both treated and untreated sewage from vessels is prohibited. The CWA authorizes three types of NDZ designations and EPA's implementing regulations (40 CFR Part

140) identify the information requirements for a state's application based on the type of designation for which the state is applying. The presence of shellfishing waters is an important factor in considering the need for a complete prohibition on vessel sewage discharges. There are currently 97 designated vessel sewage NDZs across 27 states.

- ***On June 12, 2023, EPA published a Federal Register Notice announcing the availability of the “Guidance for Vessel Sewage No-Discharge Zone Applications (Clean Water Act Section 312(f)).” The guidance is intended to assist state officials with the development of applications for vessel sewage no-discharge zones, designated areas where the discharge of both treated and untreated sewage from vessels is prohibited. A copy of the guidance and more information are available on EPA’s website at: <https://www.epa.gov/vessels-marinas-and-ports/guidance-vessel-sewage-no-discharge-zone-applications>.***

19. WWTP Outfall Locations (Carey A. Johnston, P.E.)

- ***Outfall locations can be downloaded from the following webpage: <https://echo.epa.gov/tools/data-downloads#downloads>. This page also provides a link to EPA’s National Combined Sewer Overflow Inventory.***
- ***You can map CSO outfall locations using this webservice: <https://epa.maps.arcgis.com/home/item.html?id=fdd9d472a64e4628a2fbc95f27eca8a2#overview>***
- NPDES permitting authorities (EPA Regions and states) must share permit feature lat/long data with EPA’s national NPDES data system (ICIS-NPDES). This was codified in the 2015 NPDES Electronic Reporting Rule (“NPDES eRule”) and covers all NPDES-permitted facilities (majors and non-majors). We have a dashboard that shows how well EPA Regions and states are doing at sharing these data for individually permitted facilities (majors and non-majors). Facilities covered by general permits are not on this dashboard as we are still implementing the NPDES eRule for these facilities.
- **See: https://edap.epa.gov/echo/extensions/NPDES_Data_Sharing/NPDES_Data_Sharing.html** (ECHO Gov login required). Note: Set the ‘Data Selector’ to “Permitted Feature Lat/Lon”.
- The actual average flow (at the permit level) is recorded on the NPDES permit application. Usually this is only updated when the permit is issued (or renewed once every five years). See: https://www.epa.gov/sites/production/files/2019-10/documents/form_2a_epa_form_3510-2ar.pdf
- You can use the DMR data to track peak flows as permittees are most often required to report their flows on their Discharge Monitoring Reports (DMRs), which are usually filed monthly. <https://echo.epa.gov/effluent-charts#VA0025143>
- We are just getting started to document requirements from EPA Regions and states to start electronically collecting these data (as required by Phase 2 of the NPDES eRule). It will be a few years before we have a handle on the inventory of SSO/CSOs.

20. Question on Freshwater in the NSSP (from Lars Wilcut)

A question from the context of the EPA Water Quality Standards (WQS) Program):

Does the NSSP have anything for shellfish harvesting criteria in fresh waters?

- Bill Kramer’s short answer – not specifically – but I’ve asked Keith to respond.
- I looked over the 2019 NSSP: <https://www.fda.gov/media/143238/download> - and noted a few points that could inform fresh water WQS criteria.
- The scope of the NSSP is interstate commerce of defined shellfish species (including “clam”). The states (SSCA) define the harvesting areas.
- For states that harvest freshwater shellfish species (e.g., clam), to the extent the harvest is in interstate commerce the NSSP would seem to apply.
- In the NSSP, the pathogens tested for in growing areas include total or fecal coliform, MSC, V.v, V.p., (“natural marine pathogens”)
- For recreational waters for primary contact, EPA recommends E. coli and enterococci, but EPA still cites the Gold Book’s 14 MPN fecal coliform for shellfish.
- The NSSP says to include pathogens for which tolerance levels are not known (at all or in the NSSP (?) see @.04 D. 3) which could perhaps include freshwater pathogens.
- Table 1 - Poisonous or Deleterious Substances (pp. 243 ep. 254) Note: the term "fish" refers to fresh or saltwater fin fish, crustaceans, other forms of aquatic animal life other than birds or mammals and all mollusks as defined in 21 CFR 123.3(d).
- d) Fish means fresh or saltwater finfish, crustaceans, other forms of aquatic animal life (including, but not limited to, alligator, frog, aquatic turtle, jellyfish, sea cucumber, and sea urchin and the roe of such animals) other than birds or mammals, and all mollusks, where such animal life is intended for human consumption.
- (h) Molluscan shellfish means any edible species of fresh or frozen oysters, clams, mussels, or scallops, or edible portions of such species, except when the product consists entirely of the shucked adductor muscle.
- The NSSP does limit HABs to marine species. (@.04)

21. Improving Response and Tracking of Sewer Spills (Carey A. Johnston, P.E.)

- Sewer systems are a hidden, but critical component of our country's infrastructure that transport domestic and industrial wastewater to treatment facilities. Occasionally, these sewer systems overflow and release sewage into the environment and into homes. Federal regulations under the Clean Water Act National Pollutant Discharge Elimination System (NPDES) program require basic data reporting about these releases to their permitting authorities, but these reports are most often done on paper or in non-standard formats, which limits the availability and utility of these data on a national scale. EPA has recently developed and deployed a new electronic reporting tool, NeT-SewerOverflow, so that facilities can submit these data to EPA. EPA deployed the new electronic reporting tool for facilities in New Hampshire and District of Columbia in FY22 and will be onboarding the remaining EPA Regions and 11 states that have elected to use NeT-SewerOverflow in FY23.
- Upon full implementation of NPDES electronic reporting for this sector, EPA, states, tribes, and territories will be able to better estimate the location, frequency, magnitude, and duration of sewer overflows, the environmental and public health impacts, and the potential causes. These sewer overflow data can provide the public with meaningful information on the number and

frequency of sewer overflows in their communities. These data can also be used to prioritize decisions on how best to upgrade aging infrastructure and could be integrated with health warnings by local municipalities to protect public health. NeT-SewerOverflow automatically detects and records noncompliance based on the information provided by the facility. This is the same approach used for the Federal biosolids annual report. EPA and states collaborated on defining requirements for NeT-SewerOverflow forms as well as how to configure these forms to detect noncompliance.

- A test version of the application is available at: <https://test.epacdx.net/>. Please contact Carey Johnston (johnston.carey@epa.gov) for more details or training on how to use this application. Please also contact Carey if you would like to provide comments or suggestions on how EPA can make these data available to other Federal, state, and local agencies as well as to the public.

Chapter III
@.01 Quality Assurance

C. The FDA will ensure that all laboratories generating data in support of the NSSP will be evaluated at a minimum frequency of once every three (3) years. Laboratory evaluations include both a Quality Systems Evaluation and a Technical Evaluation, as defined in Section II, Ch. 1 (B)(1).

(1) Evaluations will be conducted by either an FDA Shellfish LEO or an FDA certified State Shellfish LEO as appropriate as determined by the following:

(a) Initial evaluations for laboratories entering the NSSP and for NSSP-conforming laboratories expanding their scope of work shall be conducted by an FDA Shellfish LEO.

(b) Evaluations of private/commercial laboratories supporting the NSSP may be conducted by a State Shellfish LEO. An FDA Shellfish LEO may conduct these evaluations at the request of the Authority.

(c) Evaluations of laboratories which have been previously evaluated by an FDA Shellfish LEO and been found to fully conform to NSSP laboratory requirements may be evaluated by a State Shellfish LEO, as long as the LEO is not employed by that laboratory and is not within the same supervisory chain of command.

(2) Evaluations are conducted onsite; however, evaluations may be conducted by desk/virtual audit when scheduling or extenuating circumstances will not permit a timely onsite evaluation.

(3) When there is an immediate and critical need and no NSSP conforming or provisionally conforming laboratory exists to perform a specific Approved NSSP method, or following a request for emergency consideration as defined in Section II, Ch. 1 @.01 I, a laboratory that has not been evaluated or assigned an NSSP operational status may implement that Approved method in support of the NSSP provided that:

(a) The ISSC Executive Board is notified within a reasonable period of time regarding the laboratory used; and,

(b) The appropriate FDA Office is notified within a reasonable period of time regarding the laboratory used; and,

(c) The laboratory meets the following laboratory performance criteria:

i. Completed the SLV study which resulted in the Approved NSSP method; or

ii. Successfully completed a Method Verification Study, as outlined in Section IV. Chapter II.

.20, and the method verification data package has been approved by the ISSC Laboratory Committee an FDA Shellfish LEO or and State Shellfish LEO, as appropriate; and

iii. Maintains a recognized laboratory accreditation status (e.g., ISO 17025:2017, LAAF, etc.), with documentation of accreditation provided to the FDA prior to method implementation.

(d) If the immediate and critical need for analysis becomes an ongoing or recurring need, the laboratory implementing the method will work with LEOs to promptly initiate the evaluation process.

D. Wet Storage and Post-Harvest Processors. For any laboratory providing analytical testing services for depuration, wet storage or PHP, initial and subsequent triennial evaluations will be required and conducted in accordance with @.01 and @.02 of this Chapter by an FDA Shellfish LEO or an FDA certified State Shellfish LEO as outlined above in (C). It is understood that academic laboratories involved in PHP Validation or Verification have special circumstances such as extended periods of inactivity resulting from university schedules or funding constraints; however, written documentation of Quality Control practices will be required for time periods in which they are preparing for or actively participating in a PHP Validation or Verification. Times in which the lab is inactive can be explained with a not applicable notation.



Interstate Shellfish Sanitation Conference

Conflict of Interest Statement

The Interstate Shellfish Sanitation Conference, all Officers and Directors, shall avoid any conflict between their own respective personal, professional or business interests and the interests of the Conference, in any and all actions taken by them on behalf of their respective capacities.

In the event that any Officer or Board Member of the Conference shall have any direct or indirect interest in, or relationship with, any individual or organization which proposes to enter into any transaction with the Conference, including but not limited to transactions involving:

- a. employment, or rendition of services, personal or otherwise;
- b. the award of any grant, contracts, or subcontracts;
- c. the investment or deposit of any funds of this Conference;

such person shall give notice of such interest or relationship and shall thereafter refrain from discussing or voting on the particular transaction in which he has an interest, or otherwise attempting to exert any influence on the Conference, or its components to affect a decision to participate or not participate in such transaction.

For the purposes of this Statement, a member has a conflict of interest when the member exercises an official power or performs an official duty or function in the execution of his or her office and at the same time knows that in the performance of the duty or function or in the exercise of the power there is an opportunity to further his or her private interest.

For the purposes of this Statement, a member has an apparent conflict of interest if there is a reasonable perception, which a reasonably well informed person could properly have, that the member's ability to exercise an official power or perform an official duty or function must have been affected by his or her private interest.

This Statement is intended to supplement but not replace any applicable State laws governing conflicts of interest applicable to nonprofit and charitable corporations.

Date: _____

Signed: _____

Print Name: _____

MEMORANDUM

TO: Aquaculture Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Aquaculture Committee. Chris Schillaci will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 19-108 Aquaculture Seed Shellstock

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm

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MEMORANDUM

TO: Biotoxin Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Biotoxin Committee. Bryant Lewis will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 23-305 Biotoxin Management Plan Criteria

Continue to provide guidance and recommendations to the ISSC Executive Board concerning biotoxin issues.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm

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EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Cleansing Study Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Cleansing Study Committee. Ned Gaine will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 19-145 Guidance on Cleansing Studies

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



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MEMORANDUM

TO: ISSC Committee Review Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the ISSC Committee Review Committee. Danielle Schools will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- Proposal 23-303 – Revision of Standing Committee List
- Proposal 23-304 – Proposal Review Committee

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. You Committee Chairperson will be contacting you soon

/ccm



Interstate Shellfish Sanitation Conference
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NOAA Advisor	Steve Wilson	steven.wilson@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Control of Harvest Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Control of Harvest Committee. Miranda Reis will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- Proposal 23-200 – Definition of Harvest
- Proposal 17-204 – In-field criteria for Control of Harvest Element

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Control of Harvest		
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MEMORANDUM

TO: Depuration Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Depuration Committee. Tom Howell will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- Proposal 23-123 Guidance for calculating the 90th percentile for end-product depurated shellfish

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Depuration		
Chair	Tom Howell	tlhowell@spinneycreek.com
	Jacob Madden	jacob.madden@mass.gov
	Kristina Broussard	kristina.broussard@dmr.ms.gov
	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
	Sarah Gentile	sarah.gentile@dep.nj.gov
	Todd Egerton	todd.egerton@vdh.virginia.gov
FDA Voting Rep	David Lamoureux	david.lamoureux@fda.hhs.gov
FDA Advisor	Kristina Phelps	kristina.phelps@fda.hhs.gov
NOAA Voting Rep	Stephanie Haynes	stephanie.haynes@noaa.gov

MEMORANDUM

TO: Education Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Education Committee. Johnathan Gerhardt will serve as Committee Chairperson.

The Education Committee is assigned the following tasks for 2023-2024:

- Participate as needed in the review process for ISSC education efforts.
- Conduct a needs assessment to prioritize educational materials
- Develop and/or update needed educational materials not currently available
- Review ISSC Website for the purpose of recommending ways to better utilize the ISSC website as a repository for shellfish-related educational materials

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Education		
Chair	Johnathan Gerhardt	johnathan.gerhardt@env.nm.gov
	Virginia Wheatley	virginia.wheatley@doh.nj.gov
	Ashley Tabibian	ashley.tabibian@delaware.gov
	Ben Stagg	ben.stagg@mrc.virginia.gov
	Jennifer McDonald	jennifer.mcdonald@dnr.ga.gov
	Rebecca Hardgrove	rebecca.hardgrove@usm.edu
	Margaret Homerding	homerding.margaret@nisquilly-nsn.gov
	Justin McMath	justin.mcmath@dhhs.nh.gov
	Derek Epps	depps@seattleshellfish.com
FDA Voting Rep	Christopher Brooks	christopher.brooks@fda.hhs.gov
FDA Advisor	Aaron Wozniak	aaron.wozniak@fda.hhs.org
NOAA Voting Rep	Jon Bell	jon.bell@noaa.gov
NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Foreign Relations Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Foreign Relations Committee. David Fyfe will serve as Committee Chairperson.

The Foreign Relations Committee is charged with reviewing information concerning foreign developments that may impact shellfish sanitation in the United States. This information may be presented through the proposal process or to the Executive Board for consideration and dissemination to Conference members.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon.

/ccm



Foreign Relations		
Chair	David Fyfe	dfyfe@nwifc.org
	Andrew Button	andrew.button@mrc.virginia.gov
	Adam Kenyon	adam.kenyon@mcr.virginia.gov
	Heath Davis	heathcedarkey@gmail.com
	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
	Charles Myers	alan.myers@dfw.wa.gov
	Derek Epps	depps@seattleshellfish.com
FDA Voting Rep	Melissa Abbott	melissa.abbott@fda.hhs.gov
FDA Advisor	Michael Lombardi	michael.lombardi@fda.hhs.gov
NOAA Voting Rep	Steve Wilson	steven.wilson@noaa.gov
NOAA Advisor	Jon Bell	jon.bell@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Laboratory Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Laboratory Committee. Andrew Haines will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- Proposal 15-109 PSP HPLC-PCOX Species Expansion
- Proposal 17-103 LC MS MS for Monitoring DSP Toxins
- Proposal 17-106 RBA PSP Geoduck
- Proposal 17-108 Detection of ASP biotoxins in *Mytilus edulis* (Blue Mussel) shellfish by ELISA for Domoic Acid
- Proposal 19-101 Conditionally Conforming Laboratory Status
- Proposal 19-128 Laboratory Method for *Vibrio parahaemolyticus* and *Vibrio vulnificus* Enumeration and Detection Through MPN and Real-Time PCR
- Proposal 23-114 Domoic Acid (Amnesic Shellfish Poisoning) HPLC Method Laboratory Evaluation Checklist
- Proposal 23-115 Paralytic Shellfish Poisoning (PSP HPLC-PCOX) HPLC Method Laboratory Evaluation Checklist

Review and make recommendations on laboratory methods that are presented to the ISSC for approval. Additionally, the Committee will be requested to provide recommendations regarding laboratory related matters.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon.

/ccm



Laboratory		
Chair	Andrew Haines	andrew.haines@ncdenr.gov
	Hannah Howell	hhowell@spinneycreek.com
	Jacob Madden	jacob.madden@mass.gov
	Patricia Kinney	pat.kinney@dec.ny.gov
	Linda McFarland	linda.mcfarland@vdh.virginia.gov
	Leanne Fleweling	leanne.flewelling@myfwc.com
	Jennifer McDonald	jennifer.mcdonald@dnr.ga.gov
	Kristina Broussard	kristina.broussard@dmr.ms.gov
	Rebecca Hardgrove	rebecca.hardgrove@usm.edu
	Shelly Lankford	shelley.lankford@doh.wa.gov
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FDA Advisor	Jonathan Deeds	jonathan.deeds@fda.hhs.gov
FDA Advisor	Raymond Gee	raymond.gee@fda.hhs.gov
FDA Advisor	Jessica Jones	jessica.jones@fda.hhs.gov
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FDA Advisor	Joey Marchant	joey.marchant@fda.hhs.gov
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NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
NOAA Advisor	Maggie Broadwater	maggie.broadwater@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Marina/Mooring Area Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Marina/Mooring Area Committee. Heather Merritt will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- 23-121 – Mooring Area Guidance
- 23-124 – Marina and Mooring Area Guidance

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Marina/Mooring Area		
Chair	Heather Merritt	heather.merritt@maryland.gov
	Robert Rheault	bob@ecsga.org
	David Borkman	david.borkman@dem.ri.gov
	Matthew Camisa	matt.camisa@mass.gov
	Steve Fleetwood	eastpointoysters@aol.com
	Alissa Dragan	alissa.dragan@ct.gov
	Matt Richards	matt.richards@dec.ny.gov
	Kathy Brohawn	kathy.brohawn@maryland.gov
	Adam Wood	adam.wood@vdh.virginia.gov
	Joshua Hopper	joshua.hopper@adph.state.al.us
	Scott Berbells	scott.berbells@doh.wa.gov
	Margaret Homerding	homerding.margaret@nisquilly-nsn.gov
	Sandy Zeiner	szeiner@nwifc.org
	Nyle Taylor	nylet@taylorshellfish.com
	*** David Miller	
FDA Voting Rep	Quentin Forrest	james.forrest@fda.hhs.gov
FDA Advisor	Kevin Calci	kevin.calci@fda.hhs.gov
FDA Advisor	Amy Fitzpatrick	amy.fitzpatrick@fda.hhs.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Model Ordinance Effectiveness Review Group I Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Model Ordinance Effectiveness Review Committee. Lori Howell will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop and discuss objective criteria for the review of NSSP Model Ordinance requirements to assess their effectiveness.

Review NSSP Model Ordinance requirements adopted prior to 2019 applying the assessment criteria.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



MO Effectiveness Review Group I		
Chair	Lori Howell	lahowell@spinneycreek.com
Region 1 Regulatory	Eric Hickey	eric.hickey@mass.gov
Region 2 Regulatory	Debra Barnes	debra.barnes@dec.ny.gov
Region 3 Regulatory	Kathy Brohawn	kathy.brohawn@maryland.gov
Region 4 Regulatory	Portia Sapp	portia.sapp@fdacs.gov
Region 5 Regulatory	Kirk Wiles	kirk.wiles@dshs.texas.gov
Region 6 Regulatory	Scott Berbells	scott.berbells@doh.wa.gov
East Coast Industry	Ned Gaine	EGaine@bayridgeoyster.com
Gulf Coast Industry	Chris Nelson	cnelson@bonsecourfisheries.com
West Coast Industry	Miranda Ries	mries@pacseafood.com
Tribal	David Fyfe	dfyfe@nwifc.org
FDA Voting Rep	Elizabeth Ormond	elizabeth.ormond@fda.hhs.gov
FDA Advisor	Melissa Abbott	melissa.abbott@fda.hhs.gov
FDA Advisor	Raymond Burditt	floyd.burditt@fda.hhs.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Model Ordinance Effectiveness Review Group II Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Model Ordinance Effectiveness Review Committee. Lori Howell will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop and discuss objective criteria for the review of NSSP Model Ordinance requirements to assess their effectiveness.

Review NSSP Model Ordinance requirements adopted prior to 2019 applying the assessment criteria.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



MO Effectiveness Review Group II		
Chair	Lori Howell	lahowell@spinneycreek.com
Region 1 Regulatory	Kohl Kanwit	kohl.kanwit@maine.gov
Region 2 Regulatory	Sarah Gentile	sarah.gentile@dep.nj.gov
Region 3 Regulatory	Adam Wood	adam.wood@vdh.virginia.gov
Region 4 Regulatory	Shannon Jenkins	shannon.jenkins@ncdenr.gov
Region 5 Regulatory	Jennifer Armentor	jennifer.armorntor@la.gov
Region 6 Regulatory	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
East Coast Industry	Robert Rheault	bob@ecsga.org
Gulf Coast Industry	Barry Hurt	barryhurt9@gmail.com
West Coast Industry	Austin Doctor	austind@taylorshellfish.com
FDA Voting Rep	Elizabeth Ormond	elizabeth.ormond@fda.hhs.gov
FDA Advisor	Melissa Abbott	melissa.abbott@fda.hhs.gov
FDA Advisor	Raymond Burditt	floyd.burditt@fda.hhs.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Male-Specific Coliphage (MSC) Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the MSC Committee. Adam Wood will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- 19-144 Guidance for assessing the viral impact from wastewater treatment plant outfall on adjacent growing areas using the male-specific coliphage method on effluent samples

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



MSC		
Chair	Adam Wood	adam.wood@vdh.virginia.gov
	Jacob Madden	jacob.madden@mass.gov
	Emily Marquis	emily.marquis@ct.gov
	Alex Manderson	alexis.manderson@oda.oregon.gov
	Tom Howell	tlowell@spinneycreek.com
FDA Voting Rep	Kevin Calci	kevin.calci@fda.hhs.gov
FDA Advisor	Gregory Goblick	gregory.goblick@fda.hhs.gov
FDA Advisor	Kristin DeRosia-Banick	kristin.derosia-banick@fda.hhs.gov
NOAA Voting Rep	Chris Schillaci	christopher.schillaci@noaa.gov
NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
NOAA Advisor	Laurice Churchill	Laurice.churchill@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: NSSP Growing Area Evaluation Criteria Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Growing Area Evaluation Criteria Committee. Adam Wood will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 13-301 Growing Area Evaluation Criteria

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. You Committee Chairperson will be contacting you soon

/ccm



NSSP Growing Area Evaluation		
Chair	Adam Wood	adam.wood@vdh.virginia.gov
	Matthew Camisa	matt.camisa@mass.gov
	Sarah Gentile	sarah.gentile@dep.nj.gov
	Emily Marquis	emily.marquis@ct.gov
	Ned Gaine	EGaine@bayridgeoyster.com
	Andrew Haines	andrew.haines@ncdenr.gov
	Mike Marshall	marshama@dhec.sc.gov
	Vanessa Zubkousky-White	vanessa.zubkousky@cdph.ca.gov
FDA Voting Rep	Quentin Forrest	james.forrest@fda.hhs.gov
FDA Advisor	Amy Fitzpatrick	amy.fitzpatrick@fda.hhs.gov
NOAA Voting Rep	John Jacobs	john.jacobs@noaa.gov
NOAA Advisor	Chris Schillaci	christopher.schillaci@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: NSSP Guidance Review – Administration & Steering Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Guidance Review – Administration & Steering Committee. Kirk Wiles will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address proposal 23-301: Guidance Documents. The Committee will review all NSSP Guidance Documents and assign those requiring a more in-depth review to one of the four Guidance Review Technical Committees based on the primary NSSP Program Element of the document.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Interstate Shellfish Sanitation Conference
4801 Hermitage Rd, Suite 102
Richmond, VA 23227
Phone: 804-330-6380 --- Email: issc@issc.org

NSSP Guidance Review - Admin & Steering		
Chair	Kirk Wiles	kirk.wiles@dshs.texas.gov
	Kohl Kanwit	kohl.kanwit@maine.gov
	Lori Howell	lahowell@spinneycreek.com
	Todd Phillips	todd.phillips@doh.wa.gov
	Kim Coulbourne	kim.coulbourne@maryland.gov
	Steve Fleetwood	eastpointoysters@aol.com
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FDA Advisor	Michael Lombardi	michael.lombardi@fda.hhs.gov
FDA Advisor	Elizabeth Ormond	elizabeth.ormond@fda.hhs.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: NSSP Guidance Review – Growing Areas Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Guidance Review – Growing Areas Committee. Bryant Lewis will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Committee recommendations to address Guidance Documents referred to the Committee from the NSSP Guidance Review Administration & Steering Committee

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



NSSP Guidance Review - Growing Areas		
Chair	Bryant Lewis	bryant.j.lewis@maine.gov
	David Borkman	david.borkman@dem.ri.gov
	Robert Rheault	bob@ecsga.org
	Alissa Dragan	alissa.dragan@ct.gov
	Adam Wood	adam.wood@vdh.virginia.gov
	Jill Fleiger	jill.fleiger@vdh.virginia.gov
	Andrew Haines	andrew.haines@ncdenr.gov
	Chris Nelson	cnelson@bonsecourfisheries.com
	Jason Ragan	jasonr@taylorshellfish.com
	Vanessa Zubkousky-White	vanessa.zubkousky@cdph.ca.gov
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FDA Advisor	Julie Anbarchian	julie.anbarchian@fda.hhs.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: NSSP Guidance Review – Laboratory Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Guidance Review – Laboratory Committee. Andrew Haines will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Committee recommendations to address Guidance Documents referred to the Committee from the NSSP Guidance Review Administration & Steering Committee

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



NSSP Guidance Review - Laboratory		
Chair	Andrew Haines	andrew.haines@ncdenr.gov
	Linda McFarland	linda.mcfarland@vdh.virginia.gov
	Shelly Lankford	shelley.lankford@doh.wa.gov
	Tony Louma	tonyl@taylorshellfish.com
	***Amy Webb	
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FDA Advisor	Joey Marchant	joey.marchant@fda.hhs.gov
FDA Advisor	Gina Olson	gina.olson@fda.hhs.gov
FDA Advisor	Raymond Gee	raymond.gee@fda.hhs.gov
FDA Advisor	James Madden	james.madden@fda.hhs.gov
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EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: NSSP Guidance Review – Patrol Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Guidance Review – Patrol Committee. Paul Golden will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Committee recommendations to address Guidance Documents referred to the Committee from the NSSP Guidance Review Administration & Steering Committee

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Interstate Shellfish Sanitation Conference
4801 Hermitage Rd, Suite 102
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Phone: 804-330-6380 --- Email: issc@issc.org

NSSP Guidance Review - Patrol		
Chair	Paul Golden	paul.golden@dfw.wa.gov
	Karen DiStefano	karen.distefano@maryland.gov
	Jason Ragan	jasonr@taylorshellfish.com
	Charles Myers	alan.myers@dfw.wa.gov
	Sandy Zeiner	szeiner@nwifc.org
FDA Voting Rep	Mike Pearson	david.pearson@fda.hhs.gov
FDA Advisor	Marshall Kinsey	marshall.kinsey@fda.hhs.org
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: NSSP Guidance Review – Plants & Processing Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Guidance Review – Plants & Processing Committee. Bruce Flippens will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Committee recommendations to address Guidance Documents referred to the Committee from the NSSP Guidance Review Administration & Steering Committee

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



NSSP Guidance Review - Plants & Processing		
Chair	Bruce Flippens	bruce.flippens@dc.gov
	Eric Hickey	eric.hickey@mass.gov
	Jennifer Yeadon	jennifer.yeadon@ct.gov
	Andrew Bell	andrew.bell@state.de.us
	Kim Coulbourne	kim.coulbourne@maryland.gov
	Sarah Good	sarah.good@vdh.virginia.gov
	Valerie Wunderly	valerie.wunderly@deq.nc.gov
	Joshua Hopper	joshua.hopper@adph.state.al.us
	Jennifer Allison	jennc71710@gmail.com
	Curtis Villa	curtis.villa@doh.wa.gov
	Joel Wood	joelw@taylorshellfish.com
FDA Voting Rep	Raymond Burditt	floyd.burditt@fda.hhs.gov
FDA Advisor	Mike Pearson	david.pearson@fda.hhs.gov

MEMORANDUM

TO: NSSP Plant Evaluation Criteria Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the NSSP Plant Evaluation Criteria Committee. Joel Hansel will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 19-312 Plant and Shipping Element Evaluation Criteria

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



NSSP Plant Evaluation Criteria		
Chair	Joel Hansel	hansel.joel@epa.gov
	Sarah Good	sarah.good@vdh.virginia.gov
	Shannon Jenkins	shannon.jenkins@ncdenr.gov
	Kristina Broussard	kristina.broussard@dmr.ms.gov
	Curtis Villa	curtis.villa@doh.wa.gov
FDA Voting Rep	Raymond Burditt	floyd.burditt@fda.hhs.gov
FDA Advisor	David Wiggins	david.wiggins@fda.hhs.gov
FDA Advisor	Mike Pearson	david.pearson@fda.hhs.gov
NOAA Voting Rep	John Jacobs	john.jacobs@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Patrol Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Patrol Committee. Carter Witten will serve as Committee Chairperson.

The Patrol Committee is assigned the following tasks for 2023:

- Provide consultation to the Executive Board regarding patrol matters.
- Identify and advise the Executive Board regarding molluscan shellfish patrol issues that have the potential to impact the National Shellfish Sanitation Program.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Patrol		
Chair	Carter Witten	carter.witten@ncdenr.gov
	Sarah Gentile	sarah.gentile@dep.nj.gov
	Karen DiStefano	karen.distefano@maryland.gov
	Adam Kenyon	adam.kenyon@mcr.virginia.gov
	Mike Marshall	marshama@dhec.sc.gov
	Joshua Reid	reidja@dhec.sc.gov
	Paul Golden	paul.golden@dfw.wa.gov
	Charles Myers	alan.myers@dfw.wa.gov
	Sandy Zeiner	szeiner@nwifc.org
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FDA Advisor	Aaron Wozniak	aaron.wozniak@fda.hhs.org
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Proposal Review Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Proposal Review Committee. Lori Howell will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Review and link proposals to facilitate Task Force discussion. The Committee will also provide consultation as needed to the Executive Director in assigning proposals to Task Forces.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Interstate Shellfish Sanitation Conference
4801 Hermitage Rd, Suite 102
Richmond, VA 23227
Phone: 804-330-6380 --- Email: issc@issc.org

Proposal Review		
Chair	Lori Howell	lahowell@spinneycreek.com
	Emily Marquis	emily.marquis@ct.gov
	Kathy Brohawn	kathy.brohawn@maryland.gov
	Heath Davis	heathcedarkey@gmail.com
	Vanessa Zubkousky-White	vanessa.zubkousky@cdph.ca.gov
FDA Voting Rep	Melissa Abbott	melissa.abbott@fda.hhs.gov
FDA Advisor	Julie Anbarchian	julie.anbarchian@fda.hhs.gov
NOAA Voting Rep	Jon Bell	jon.bell@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Research Guidance Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Research Guidance Committee. Joel Hansel will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 23-107 Data evaluation when the nonpoint sources impacting a growing area are not from a human sewage source.

Provide guidance to the ISSC Executive Board and Executive Office concerning research needs related to molluscan shellfish safety.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Research Guidance		
Chair	Joel Hansel	hansel.joel@epa.gov
	Heather Merritt	heather.merritt@maryland.gov
	Andy DePaola	andydepaola@gmail.com
	Scott Berbells	scott.berbells@doh.wa.gov
	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
	Vanessa Zubkousky-White	vanessa.zubkousky@cdph.ca.gov
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FDA Advisor	Johnna Fay	johnna.fay@fda.hhs.gov
FDA Advisor	Gregory Goblick	gregory.goblick@fda.hhs.gov
NOAA Voting Rep	Shannara Lynn	shannara.lynn@noaa.gov
NOAA Advisor	Greg Feister	gregory.feister@noaa.gov

MEMORANDUM

TO: Research Management Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Research Management Committee. Joel Hansel will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop a request for proposal (RFP) for research and related activities and review of final reports of completed research.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Interstate Shellfish Sanitation Conference
4801 Hermitage Rd, Suite 102
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Phone: 804-330-6380 --- Email: issc@issc.org

Research Management		
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	Emily Marquis	emily.marquis@ct.gov
	Todd Egerton	todd.egerton@vdh.virginia.gov
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NOAA Voting Rep	Shannara Lynn	shannara.lynn@noaa.gov
NOAA Advisor	Maggie Broadwater	maggie.broadwater@noaa.gov

MEMORANDUM

TO: Resolutions Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Resolutions Committee. will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop and review resolutions for ISSC consideration.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. You Committee Chairperson will be contacting you soon

/ccm

MEMORANDUM

TO: Shellfish Restoration Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Shellfish Restoration Committee. Barry Hurt will serve as Committee Chairperson.

The Shellfish Restoration Committee is assigned the following tasks for 2023:

- Review restoration information that could impact shellfish sanitation and the NSSP.
- Identify proactive efforts in which Conference involvement would encourage restoration of shellfish growing areas.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/cm



Shellfish Restoration		
Chair	Barry Hurt	barryhurt9@gmail.com
	Debra Barnes	debra.barnes@dec.ny.gov
	Alissa Dragan	alissa.dragan@ct.gov
	Sarah Gentile	sarah.gentile@dep.nj.gov
	Ned Gaine	EGaine@bayridgeoyster.com
	Andrew Bell	andrew.bell@state.de.us
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	Adam Kenyon	adam.kenyon@mcr.virginia.gov
	Portia Sapp	portia.sapp@fdacs.gov
	Valerie Wunderly	valerie.wunderly@deq.nc.gov
	Lindsay Campbell	lindsay.campbell@tpwd.texas.gov
	Margaret Homerding	homerding.margaret@nisquilly-nsn.gov
	Sandy Zeiner	szeiner@nwifc.org
	Christian Pettipas	christian.pettipas@mass.gov
	***Amanda Ellis	
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NOAA Advisor	Chris Schillaci	christopher.schillaci@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Shellstock Relay Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Shellstock Relay Committee. Kathy Brohawn will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 23-111 Relay Timeframe

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Shellstock Relay		
Chair	Kathy Brohawn	kathy.brohawn@maryland.gov
	Matthew Camisa	matt.camisa@mass.gov
	Andy DePaola	andydepaola@gmail.com
	Nyle Taylor	nylet@taylorshellfish.com
	Scott Berbells	scott.berbells@doh.wa.gov
	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
	Steve Fleetwood	eastpointoysters@aol.com
FDA Voting Rep	David Lamoureux	david.lamoureux@fda.hhs.gov
FDA Advisor	Jessica Jones	jessica.jones@fda.hhs.gov
NOAA Voting Rep	Chris Schillaci	christopher.schillaci@noaa.gov

MEMORANDUM

TO: Shellstock Storage Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Shellstock Storage Committee. Kim Coulbourne will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 23-215 Addition of Criticalities to Shellstock Shipping / Shellstock Storage and Handling

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Shellstock Storage		
Chair	Kim Coulbourne	kim.coulbourne@maryland.gov
	Sarah Good	sarah.good@vdh.virginia.gov
	Amy Hontz	amy.hontz@maryland.gov
	Shawn Nelson	shawn.nelson@ncdenr.gov
	Ryan Reed	reedrc@dhec.sc.gov
	Keith Jackson	keith.jackson@pfgc.com
	Kristina Broussard	kristina.broussard@dmr.ms.gov
	Jennifer Allison	jenn71710@gmail.com
	Austin Doctor	austind@taylorshellfish.com
	Curtis Villa	curtis.villa@doh.wa.gov
	Steve Fleetwood	eastpointoysters@aol.com
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FDA Advisor	David Lamoureux	david.lamoureux@fda.hhs.gov
NOAA Voting Rep	Chris Schillaci	christopher.schillaci@noaa.gov
NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov

MEMORANDUM

TO: Standards Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Standards Committee. Eric Hickey will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- Proposal 11-310 Continue the development of Voluntary Self-Assessment Standards

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Standards		
Chair	Eric Hickey	eric.hickey@mass.gov
	Kathy Brohawn	kathy.brohawn@maryland.gov
	Sarah Good	sarah.good@vdh.virginia.gov
	Danielle Schools	danielle.schools@vdh.virginia.gov
	Judy Dowell	judy.dowell@oda.oregon.gov
	Curtis Villa	curtis.villa@doh.wa.gov
	Keith Amoroso	keith.amoroso@health.ri.gov
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NOAA Voting Rep	Chris Schillaci	christopher.schillaci@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Study Design Guidance Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Study Design Guidance Committee. Robert Rheault will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 19-240 Alternative for allowing harvest for raw consumption from a growing area closed due to Vp.

Develop guidance to assist States and the industry in establishing target levels and developing protocols for studies to determine the effectiveness of post-harvest processes.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Study Design Guidance		
Chair	Robert Rheault	bob@ecsga.org
	Todd Egerton	todd.egerton@vdh.virginia.gov
	Andy DePaola	andydepaola@gmail.com
	Austin Doctor	austind@taylorshellfish.com
	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
	Dani Toepelt	danielle.toepelt@doh.wa.gov
FDA Voting Rep	Raymond Burditt	floyd.burditt@fda.hhs.gov
FDA Advisor	John Bowers	john.bowers@fda.hhs.gov
NOAA Voting Rep	Patricia Rabideau	patricia.rabibeu@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Time-Temperature Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Time-Temperature Committee. John Tesvich will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposal:

- 17-225 Clarification of Surf Clams and Ocean Quahogs Exemption from Time-temperature Requirements when intended for thermal processing.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Time-Temperature		
Chair	John Tesvich	jtesvich@ameripure.com
	Jennifer Yeadon	jennifer.yeadon@ct.gov
	Andrew Bell	andrew.bell@state.de.us
	Sarah Good	sarah.good@vdh.virginia.gov
	Ryan Reed	reedrc@dhec.sc.gov
	Kristina Broussard	kristina.broussard@dmr.ms.gov
	Austin Doctor	austind@taylorshellfish.com
	Maxwell Rintoul	max.rintoul@hogislandoysters.com
	Eric Hickey	eric.hickey@mass.gov
	Dani Toepelt	danielle.toepelt@doh.wa.gov
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NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Traceability Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Traceability Committee. Robert Rheault will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Continue to identify strategies for enhancing traceback capabilities of the NSSP. The discussion should include a review of new technologies.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Traceability		
Chair	Robert Rheault	bob@ecsga.org
	Alexander Hay	alex@wellfleetshell.com
	Call Nichols	call@blue-trace.com
	Jennifer Yeadon	jennifer.yeadon@ct.gov
	Ryan Reed	reedrc@dhec.sc.gov
	Shawn Nelson	shawn.nelson@ncdenr.gov
	Dani Toepelt	danielle.toepelt@doh.wa.gov
	Amy Hontz	amy.hontz@maryland.gov
	Bill Dewey	billd@taylorshellfish.com
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NOAA Voting Rep	Alex Miller	alexander.miller@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Training Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Training Committee. Kohl Kanwit will serve as Committee Chairperson.

The Training Committee is assigned the following tasks for 2023:

- 1) Review proposed training topics from state survey and develop two (2) training presentations for regional meeting presentations. Additionally, the committee is requested to identify a speaker(s) that can be available to present the training presentations.
- 2) Monitor the progress of the development and implementation of the National Food and Feed Training Strategic Plan and advise the ISSC Executive Board as necessary.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Training		
Chair	Kohl Kanwit	kohl.kanwit@maine.gov
	Jill Fleiger	jill.fleiger@vdh.virginia.gov
	Shannon Jenkins	shannon.jenkins@ncdenr.gov
	Jennifer McDonald	jennifer.mcdonald@dnr.ga.gov
	Joshua Reid	reidja@dhec.sc.gov
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	Joshua Hopper	joshua.hopper@adph.state.al.us
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NOAA Voting Rep	Jon Bell	jon.bell@noaa.gov
NOAA Advisor	Chris Schillaci	christopher.schillaci@noaa.gov
EPA Advisor	Bill Kramer	kramer.bill@epa.gov

MEMORANDUM

TO: Vibrio Management Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Vibrio Management Committee. AJ Erskine will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Annually review trends in Vibrio illnesses and propose recommendations for addressing illnesses associated with vibrios.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm

VMC		
Chair	AJ Erskine	ajerskine@bevansoyster.net
Region 1 Regulatory	Christian Pettipas	christian.pettipas@mass.gov
Region 2 Regulatory	Debra Barnes	debra.barnes@dec.ny.gov
Region 3 Regulatory	Danielle Schools	danielle.schools@vdh.virginia.gov
Region 4 Regulatory	Mike Marshall	marshama@dhec.sc.gov
Region 5 Regulatory	Kirk Wiles	kirk.wiles@dshs.texas.gov
Region 6 Regulatory	Dani Toepelt	danielle.toepelt@doh.wa.gov
East Coast Industry	Robert Rheault	bob@ecsga.org
East Coast Industry	Lori Howell	lahowell@spinneycreek.com
Gulf Coast Industry	Barry Hurt	barryhurt9@gmail.com
Gulf Coast Industry	John Tesvich	jtesvich@ameripure.com
West Coast Industry	****Derek Epps	depps@seattleshellfish.com
West Coast Industry	Miranda Ries	mries@pacseafood.com
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FDA Advisor	Melissa Abbott	melissa.abbott@fda.hhs.gov
FDA Advisor	John Bowers	john.bowers@fda.hhs.gov
NOAA Voting Rep	Shannara Lynn	shannara.lynn@noaa.gov
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NOAA Advisor	John Jacobs	john.jacobs@noaa.gov
NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
CDC Advisor	Mike Hughes	wuw8@cdc.gov
CDC Advisor	Hilary Whitham	kqq7@cdc.gov
EPA Advisor	Joel Hansel	joel.hansel@epa.hhs.gov

MEMORANDUM

TO: *V.p.* Illness Response Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the *V.p.* Illness Response Committee. Jennifer Allison will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- 15-226: *Vibrio parahaemolyticus* (*V.p.*) Illness Response Guidance
- 17-206: Illness Response Associated with *V.p.*
- 19-240: Alternative for allowing harvest for raw consumption from a growing area closed due to *V.p.*

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Vp Illness Response		
Chair	Jennifer Allison	jennc71710@gmail.com
	Sarah Gentile	sarah.gentile@dep.nj.gov
	Virginia Wheatley	virginia.wheatley@doh.nj.gov
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	Dani Toepelt	danielle.toepelt@doh.wa.gov
	James Becker	james.becker@dep.nj.gov
	Bill Dewey	billd@taylorshellfish.com
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FDA Advisor	Kristina Phelps	kristina.phelps@fda.hhs.gov
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NOAA Advisor	Patricia Rabideau	patricia.rabibeu@noaa.gov
CDC Advisor	Mike Hughes	wuw8@cdc.gov
CDC Advisor	Marisa Hart	ium1@cdc.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: *V.v.* Illness Review Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the *V.v.* Illness Review Committee. Lori Howell will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Annually review all *V.v.* cases involving the consumption of shellfish which are reported to FDA regional specialists and the Center for Disease Control (CDC). The Committee will determine which cases meet the case definition of a National Shellfish Sanitation Program (NSSP) *V.v.* case as outlined in Model Ordinance Section II. Chapter II. @.06. All cases meeting the NSSP definition will be included in an annual report which will be presented to the Interstate Shellfish Sanitation Conference (ISSC) Executive Board and the Vibrio Management Committee. Following ISSC Executive Board approval the report will be made available to the ISSC membership and posted on the ISSC website. This data is expected to be used by USFDA, State Authorities, and the ISSC for the following purposes:

- a. Conducting annual *V.v.* Risk Evaluations;
- b. Risk per serving determinations;
- c. *V.v.* Control Plan Evaluations;
- d. *V.v.* Contingency Plan Evaluations; and
- e. Reviewing illness trends.

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm



Vv Illness Review		
Chair	Lori Howell	lahowell@spinneycreek.com
	Virginia Wheatley	virginia.wheatley@doh.nj.gov
	Danielle Schools	danielle.schools@vdh.virginia.gov
	Keith Jackson	keith.jackson@pfgc.com
	David Fyfe	dfyfe@nwifc.org
	Joel Wood	joelw@taylorshellfish.com
FDA Voting Rep	Elisa Elliot	elisa.elliott@fda.hhs.gov
FDA Advisor	Jessica Jones	jessica.jones@fda.hhs.gov
NOAA Voting Rep	John Jacobs	john.jacobs@noaa.gov
NOAA Advisor	Stephanie Haynes	stephanie.haynes@noaa.gov
CDC Advisor	Mike Hughes	wuw8@cdc.gov
CDC Advisor	Marisa Hart	kqq7@cdc.gov
EPA Advisor	Joel Hansel	hansel.joel@epa.gov

MEMORANDUM

TO: Wet Storage Committee Members
FROM: Keith Skiles
DATE: October 20, 2023
RE: 2023-2024 Committee Charges

This memorandum is to confirm appointment by the Conference Executive Chairperson to the Wet Storage Committee. Austin Doctor will serve as Committee Chairperson.

The Committee is assigned the following tasks for 2023-2024:

Develop Task Force recommendations to address the following proposals:

- 23-205 Recirculating Wet Storage Water Quality Threshold
- 23-206 Wet Storage Sampling Requirements
- 23-213 Clarification of product loading rules during validation study of artificial wet storage systems

If you are unable to participate in the activities of this Committee, please contact us at 804-330-6380 or issc@issc.org. Thank you for your interest and support of the ISSC and we look forward to working with you. Your Committee Chairperson will be contacting you soon

/ccm

Wet Storage		
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	James Becker	james.becker@dep.nj.gov
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	Greg Silkes	gsilkes@americanmussel.com
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	Chris Nelson	cnelson@bonsecourfisheries.com
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	Amanda Lowrey	amanda.lowrey@doh.hawaii.gov
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