

Domestic NSSP Laboratory List: updated 4/1/2024

| State | Laboratory | Contact | Public or Private | NSSP Scope: Evaluated NSSP Methods (Labs in conforming or provisionally conforming status) | | |
|-------------|---|---|-------------------|---|--|--|
| | | | | Coliforms | Toxins | Other |
| Alabama | Alabama Department of Public Health | Drew Sheehan: drew.sheehan@adph.state.al.us | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Standard Plate Count for Shellfish Meats 4. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | | |
| | GCSL- FDA Vibrio Lab GCSL- FDA Coliform lab | Jessica Jones: jessica.jones@fda.hhs.gov Joey Marchant: joey.marchant@fda.hhs.gov | Private | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | 1. Alkaline Phosphatase Probe method for <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> detection 2. MPN Real-time PCR method for <i>Vibrio parahaemolyticus</i> detection 3. Male Specific Coliphage for Soft-shelled Clams and American Oysters |
| Alaska | Alaska Department of Environmental Conservation Lab | Patryce McKinney: patryce.mckinney@alaska.gov; Jackie Knue (PCOX, DA): jacqueline.knue@alaska.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Paralytic Shellfish Poisoning (PSP) HPLC-PCOX | |
| California | California Department of Public Health | Stephanie Abromaitis (for PSP): stephanie.abromaitis@cdph.ca.gov; Dadong Xu (ASP): dadong.xu@cdph.ca.gov | Public | | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV | |
| | Applied Industrial Microbiology, Inc. | Hojabar Dezfulian: HD@aimvitalab.com | Private | 1. Multiple Tube Fermentation Technique for Shellfish (APHA) 2. Multiple Tube Fermentation Technique for Shellfish Meats Depuration UV treated end product testing (12-tube single dilution MPN) 3. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 4. Multiple Tube Fermentation Technique for Seawater (APHA) | | |
| | Humboldt County Public Health Laboratory | Dr. Pepper Stockton: pstockton@co.humboldt.ca.us | Public | 1. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for Seawater using MA-1 | | |
| | San Luis Obispo County Public Health Laboratory | Dr. Glen Miller: gmiller@co.slo.ca.us | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for Shellfish Meats Depuration UV treated end product testing (12-tube single dilution MPN) 4. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | | |
| | Sonoma County Public Health Laboratory | Rachel Rees: rachel.rees@sonoma-county.org | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | | |
| Connecticut | Connecticut Department of Agriculture | Joe Decrescenzo: joseph.decrescenzo@ct.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) | |
| | Health Department - Hartford (overflow lab) | Kimberly Holmes-Talbot: kimberly.holmes@ct.gov Diane Noel (QA Manager): diane.noel@ct.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC | | |
| Delaware | Department of Natural Resources and Environmental Control (DNREC) Environmental Lab | Katie Painter: katherine.painter@state.de.us | Public | 1. Multiple Tube Fermentation Technique for Seawater (APHA) 2. Membrane Filtration Technique for Seawater using mTEC | | |
| Florida | Department of Agriculture & Consumer Services | James Smith: james.smith@fdacs.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 4. Standard Plate Count for Shellfish Meats | | |
| | Bureau of Food Laboratories | Lyndsey Caulkins: lyndsey.caulkins@fdacs.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 | | |
| | Fish and Wildlife Research Institute | Leeann Flewelling: leanne.flewelling@MyFWC.com | Public | | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Analysis for NSP (Mouse Bioassay) 3. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV 4. MARBIONC Brevetoxin ELISA (NSP) | |

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|---------------|--|--|-------------------|--|---|--|
| | | | | Coliforms | Toxins | Other |
| Georgia | Georgia Coastal Resources (DNR) | Jennifer McDonald: jennifer.mcdonald@dnr.ga.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Standard Plate Count for Shellfish Meats | | |
| Louisiana | Department of Health - Office of Public Health Laboratory | Renee Georgette Arthur: renee.arthur@la.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| Maine | Department of Marine Resources-Boothbay Harbor (BBH) | Jill MacLeod: jill.macleod@maine.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Membrane Filtration Technique for UV Treated Process Water using mEndo Agar LES 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Paralytic Shellfish Poisoning (PSP) HPLC-PCOX | |
| | Department of Marine Resources-Lamoine | Kathleen Brown: kathleen.brown@maine.gov (Biotoxins) Michael Risoldi: michael.risoldi@maine.gov (Microbiology) | Public | 1. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 2. Membrane Filtration Technique for UV Treated Process Water using mEndo Agar LES 3. Membrane Filtration Technique for Seawater using mTEC | *PSP extractions to be sent to (BBH). Extraction protocol evaluated. | |
| | Spinney Creek | Lori Howell: lahowell@spinneycreek.com Hanna Howell: hhowell@spinneycreek.com | Private | 1. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for Shellfish Meats Depuration UV treated end product testing (12-tube single dilution MPN) 4. Membrane Filtration Technique for Seawater using mTEC | | 1. Male Specific Coliphage for Soft-shelled Clams and American Oysters |
| | Bigelow Analytical Services | Stephen Archer: sarcher@bigelow.org | Private | | 1. Paralytic Shellfish Poisoning (PSP) HPLC-PCOX 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV | |
| Maryland | Maryland Department of Health-Baltimore | Molly Molloy (QA Manager): molly.molloy@maryland.gov Erinna Kinney (DES Supervisor): erinna.kinney@maryland.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| | Maryland Department of Health-Eastern Shore Regional Laboratory | Pat Brown: patricia.brown@maryland.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 4. Standard Plate Count for Shellfish Meats | | |
| Massachusetts | Division of Marine Fisheries - New Bedford | Brianne Shanks: brianne.shanks@mass.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| | Division of Marine Fisheries Shellfish Purification Plant (deputation) - Newburyport | Diane Regan: diane.regan@mass.gov | Public | 1. Elevated Temperature Coliform Plate Method for Clams 2. Membrane Filtration Technique for UV Treated Process Water using mEndo Agar LES | | 1. Male Specific Coliphage for Soft-shelled Clams |
| | New Bedford Health Department Laboratory | Jane Wurm: jane.wurm@newbedford-ma.gov | Public | 1. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | | |
| | North Coast Seafood Laboratory | Scott Glinos: sglinos@northcoastseafoods.com Dindeeyal Somaru: dsomaru@northcoastseafoods.com | Private | 1. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | | |
| | MWRA Central Laboratory* | Michael Delaney: mike.delaney@mwra.state.ma.us | Private | 1. Membrane Filtration Technique for Seawater using mTEC | | |
| | Division of Marine Fisheries - Gloucester | Florence Cenci: florence.cenci@state.ma.us | Public | 1. Membrane Filtration Technique for Seawater using mTEC | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) | |
| Mississippi | Mississippi Department of Marine Resources Laboratory | Becky Hardgrove: becky.hardgrove@dmr.ms.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Standard Plate Count for Shellfish Meats | | |
| | University of Southern MS GCRL | Reginald Blaylock: reg.blaylock@usm.edu | Private | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Standard Plate Count for Shellfish Meats | | |
| New Hampshire | New Hampshire Public Health Lab (Food/Meats) | Stephanie Clark: stephanie.clark@dhhs.nh.gov | Public | 1. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) | |
| | New Hampshire Public Health Lab (Water Lab) | Amy Jordan: amy.c.jordan@dhhs.nh.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 | | |
| New Jersey | New Jersey Department of Environmental Protection Bureau of Marine Water Monitoring Leeds Point Laboratory | Bill Heddendorf: bill.heddendorf@dep.nj.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC | | |
| | Village Testing | Terry Kolakowski: hania39@verizon.net Kimberly Rogan: rogan.kimberly.91@gmail.com | Private | 1. Elevated Temperature Coliform Plate Method for Clams (ETCP) | | |

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| | | | | Coliforms | Toxins | Other |
| New York | New York Department of Environmental Conservation | Pat Kinney: pat.kinney@dec.ny.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Standard Plate Count for Shellfish Meats | 1. Scotia Rapid Test for Paralytic Shellfish Poisoning (PSP) | |
| North Carolina | Department of Environmental Quality, Division of Marine Fisheries - Wilmington | Erin Bryan-Millush (QA Officer): erin.bryan-millush@ncdenr.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| | Department of Environmental Quality, Division of Marine Fisheries - Morehead City | Erin Bryan-Millush (QA Officer): erin.bryan-millush@ncdenr.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| | Department of Environmental Quality, Division of Marine Fisheries - Manteo | Erin Bryan-Millush (QA Officer): erin.bryan-millush@ncdenr.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| Oregon | Department of Agriculture, Laboratory Division | Kathleen Wickman: kwickman@oda.oregon.gov Virginia Tarango (QA Officer): vtarango@oda.oregon.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV | |
| Rhode Island | Department of Health State Health Laboratories (RISHL) | Kerry Patterson: kerry.patterson@health.ri.gov; Henry Leibovitz: henry.leibovitz@health.ri.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | 1. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV 2. Scotia Rapid Test for Paralytic Shellfish Poisoning (PSP) | 1. Male Specific Coliphage for Soft-shelled Clams |
| South Carolina | EQC Region 7 Charleston Laboratory, Charleston, SC | Ashley Esposito: esposiac@dhec.sc.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| | EQC Region 8 Beaufort Laboratory, Beaufort, SC | Melissa Roberts: robertmd@dhec.sc.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 (without salicin) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) | | |
| Texas | Texas Department of State Health Services Austin | Monica Kingsley: Monica.Kingsley@dshs.texas.gov Grace Kubin (Lab Director): Grace.Kubin@dshs.texas.gov | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 | 1. Analysis for NSP (Mouse Bioassay) | |
| | Texas A&M Department of Marine Biology Seafood Safety Laboratory | Mona Hochman: hochmanm@tamug.edu Jessica Hillhouse: jessicahillhouse@tamug.edu | Private | | | 1. Alkaline Phosphatase Probe method for <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> detection |
| | Nueces County Public Health District Lab - Corpus Christi | Angela Flores: angelaf@cctexas.com | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 | | |
| Virginia | Department of Health-Norfolk | Linda McFarland: linda.mcfarland@vdh.virginia.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC | | 1. Male Specific Coliphage for Soft-shelled Clams and American Oysters |
| | Department of Health -Kilmarnock (Formerly White Stone) | Taylor Hennage: taylor.hennage@vdh.virginia.gov Kelsey Dawson: Kelsey.dawson@vdh.virginia.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC | | |
| | Department of Health -Accomac | Patricia Shertenlieb: patricia.shertenlieb@vdh.virginia.gov | Public | 1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 4. Standard Plate Count for Shellfish Meats | | 1. Male Specific Coliphage for Soft-shelled Clams and American Oysters |
| Washington | Washington Department of Health, Public Health Laboratories | Shelley Lankford: shelley.lankford@doh.wa.gov (Biotoxins) Anna Pickett: anna.pickett@doh.wa.gov (Shellfish Microbiology) Jeff Lahti: jeff.lahti@doh.wa.gov (Water Microbiology) Vince Aoki: vince.aoki@doh.wa.gov (Deputy Director) | Public | 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. Multiple Tube Fermentation Technique for UV treated process water (10-tube, 10 mL portions, single dilution MPN) | 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV | |

*2023 Laboratory Update Not Received