

Domestic NSSP Laboratory List: updated 7/11/2019

State	Laboratory	Contact	Public or Private	NSSP Scope: Evaluated NSSP Methods (Labs in conforming or provisionally conforming status)		
				Coliforms	Toxins	Other
Alaska	Alaska Department of Environmental Conservation Lab	Patryce McKinney: patryce.mckinney@alaska.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1	1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP)	
Alabama	Alabama Department of Public Health, Mobile	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)		
	GCSL- FDA Vibrio Lab GCSL- FDA Coliform lab	Jessica Jones: jessica.jones@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
	Auburn University	Cova Arias: ariascr@auburn.edu Stacey LaFrentz (lab manager): sal0010@auburn.edu	Private			1. Alkaline Phosphatase Probe method for <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> detection
California	CA Department of Health Services	Stephanie Abromaitis (for PSP): Stephanie.Abromaitis@cdph.ca.gov; Bob Moezzi (for ASP): Bahman.Moezzi@cdph.ca.gov	Public		1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Scotia Rapid Test for Paralytic Shellfish Poisoning (PSP) 3. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV	

	Applied Industrial Microbiology, Inc. Vista	Hojabar Dezfulian: HD@aimvistalab.com	Private	<ul style="list-style-type: none"> 1. Multiple Tube Fermentation Technique for Shellfish (APHA) Depuration plant samples- [for zero hour samples]; 2. MPN Technique for Depuration UV treated end product testing [12-tube single dilution MPN for end product testing]. 3. MPN Technique for Depuration UV treated process water (10-tube, 10 mL portions, single dilution MPN) 		
	Humboldt County Public Health Laboratory, Eureka	Jeremy Corrigan: jcorrigan@co.humbolt.ca.us	Public	<ul style="list-style-type: none"> 1. Multiple Tube Fermentation Technique for Seawater (APHA) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 		
	San Luis Obispo County Public Health Laboratory, San Luis Obispo	James Beebe: jbeebe@co.slo.ca.us	Public	<ul style="list-style-type: none"> 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 3. MPN Technique for Depuration UV treated end product testing [12-tube single dilution MPN for end product testing]. 4. MPN Technique for Depuration UV treated process water (10-tube, 10 mL portions, single dilution MPN) 		
	Sonoma County Public Health Laboratory, Santa Rosa	Rachel Rees: rachel.rees@sonoma-county.org	Public	<ul style="list-style-type: none"> 1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 		
Connecticut	Connecticut Department of Agriculture	Joe Decrescenzo: Joseph.DeCrescenzo@ct.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC	<ul style="list-style-type: none"> 1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Scotia Rapid Test for Paralytic Shellfish Poisoning (PSP) 	
	Health Department - Hartford (overflow lab)	Kimberly Holmes-Talbot: kimberly.holmes@ct.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC		
Delaware	Bureau of Aquaculture	Katie Painter: Katherine.Painter@state.de.us	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1		

Florida	Department of Agriculture & Consumer Services	James Smith: James.Smith@freshfromflorida.com	Public	1. Membrane Filtration Technique for Seawater using mTEC; 2. MPN Technique for Wet Storage UV treated process water (10-tube, 10 mL portions, single dilution MPN)		
	Bureau of Food Laboratories, Tallahassee	Sun Kim	Public	1. Membrane Filtration Technique for Seawater using mTEC		
	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	
Georgia	Georgia Coastal Resources (DNR)	Jennifer McDonald (Lab Mgr): 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)		
Louisiana	Central Laboratory - Baton Rouge	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	Jill MacLeod: Jill.MacLeod@maine.gov	Public	1. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) 2. Membrane Filtration Technique for UV Treated Process Water using mEndo Agar LES 3. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)	*PSP extractions to be sent to (BBH). Extraction protocol evaluated.	

	Spinney Creek	The Howells: tlowell@spinneycreek.com (Tom); lahowell@spinneycreek.com (Lori)	Private	1. MPN Technique for Depuration UV treated process water (using the 10-tube, single dilution MPN with 10, 10 mL portions) 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA) for zero -hour shellfish samples. 3. MPN Technique for Shellfish Meats for end – product shellfish samples (using 12-tube, single dilution)		1. Male Specific Coliphage for Soft-shelled Clams and American Oysters
	Resource Access International	Darcie Couture: darcie.couture@att.net	Private		1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Mouse Bioassay for dockside testing (PSP) [traditional APHA extraction] 3. Dockside Testing Onboard Screening Protocol (Scotia extraction) 4. Analysis for NSP (Mouse Bioassay) injections only, no extractions	
	Bigelow Analytical Services	Carlton Rauschenberg: carlton@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	Heather Peters (Acting QA mgr): heather.peters@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	Pamela Majors: pamela.majors@maryland.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. MPN Technique for Wet Storage UV treated process water (using the 10-tube, single dilution MPN with 10, 10 mL portions)		

Massachusetts	Massachusetts Department of Marine Fisheries	Sue Boehler: susan.boehler@state.ma.us	Public	1. Membrane Filtration Technique for Seawater using mTEC 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)		
	Mass Division of Marine Fisheries Shellfish Purification Plant (depuration)	Diane Regan: Diane.Regan@state.ma.us	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	Leslie Aubut: laubut@newbedford-ma.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC		
	North Coast Seafood Laboratory	Scott Glinos	Private	1. MPN Technique for Wet Storage UV treated process water (using the 10-tube, single dilution MPN with 10, 10 mL portions)		
	MWRA Central Laboratory	Dr. Michael Delaney	Private	1. MPN Technique for Wet Storage UV treated process water (using the 10-tube, single dilution MPN with 10, 10 mL portions)		
	Massachusetts Department of Marine Fisheries	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	University of Southern MS GCRL	Becky Hardgrove: rebecca.hardgrove@usm.edu	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1		
New Hampshire	New Hampshire Public Health Lab (Food/Meats)	Jayne Finnigan: Jayne.Finnigan@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)	Mona Freese: Raymona.Freese@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 Abolade Oyelade: abolade.oyelade@dep.nj.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC		
	Village Testing	Terry Kolakowski: hania39@verizon.net	Private	1. Elevated Temperature Coliform Plate Method for Clams (ETCP)		

New York	New York Department of Environmental Conservation	Leonora Porter: leonora.porter@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)	1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Scotia Rapid Test for Paralytic Shellfish Poisoning (PSP)	
North Carolina	Wrightsville Beach Office and Laboratory Southern Regional Office (Wilmington)	Erin Bryan-Millush (QA Officer): erin.bryan-millush@ncdenr.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)		
	Morehead City Department of Health	Erin Bryan-Millush (QA Officer): erin.bryan-millush@ncdenr.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)		
Oregon	Department of Agriculture, Laboratory Division	Kathleen Wickman: kwickman@oda.state.or.us Virginia Tarango (QA Officer): vtarango@ods.state.or.us	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1	1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV	
Rhode Island	Rhode Island Department of Health Public Health Microbiology Laboratory	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. MPN Technique for Wet Storage UV treated process water (10-tube, 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	Bennie Cocker: cockerbl@dhec.sc.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)		
	EQC Low Country Region Laboratory, Beaufort	Nia Frazier: fraziend@dhec.sc.gov	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)		
Texas	Texas Department of State Health Services, Quality Assurance Unit (Austin)	Monica Kingsley: Monica.Kingsley@dshs.state.tx.us	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	John Schwarz: schwarzj@tamug.edu Mona Hochman: hochmanm@tamug.edu	Private			1. Alkaline Phosphatase Probe method for <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> detection
	Corpus Christi Health Department	Angela Flores: angelaf@cctexas.com	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1		
Virginia	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
	VDOH-White Stone	Meredeth Gough: meredith.gough@vdh.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC		
	VDOH-Accomack	Jill Northamn: jill.northamn@vdh.gov	Public	1. Membrane Filtration Technique for Seawater using mTEC		
Washington	Washington Department of Health, Public Health Laboratories	Shelley Lankford: Shelley.Lankford@DOH.WA.GOV (waters and biotoxin) Gina Olsen: Gina.Olson@doh.wa.gov (shellfish)	Public	1. Multiple Tube Fermentation Technique for Seawater using MA-1 2. Multiple Tube Fermentation Technique for Shellfish Meats (APHA)	1. Mouse Bioassay for Paralytic Shellfish Poisoning (PSP) 2. Domoic Acid (Amnesic Shellfish Poisoning; ASP) HPLC-UV	