



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

## **Addendum to Quality Assurance Project Plan**

---

### **Beach Environmental Assessment, Communication, and Health (BEACH) Program: Monitoring Washington State Marine Beaches**

March 2018

Publication No. 18-03-108

## Publication Information

### Addendum

This addendum is on the Department of Ecology's website at <https://fortress.wa.gov/ecy/publications/SummaryPages/1803108.html>

This addendum is an addition to an original Quality Assurance Project Plan. It is not a correction (errata) to the original plan.

Data for this project will be available on Ecology's Environmental Information Management (EIM) website at [EIM Database](#). Search Study ID EPABEACH.

### Activity Tracker code

Ecology's Activity Tracker code for this addendum is 02-502.

### Original Publication

Quality Assurance Project Plan: Beach Environmental Assessment, Communication, and Health (BEACH) Program: Monitoring Washington State Marine Beaches. Washington State Department of Ecology, Olympia, WA. Publication No. 14-03-128. <https://fortress.wa.gov/ecy/publications/SummaryPages/1403128.html>

## Author and Contact Information

Julianne Ruffner  
Environmental Assessment Program  
Washington State Department of Ecology  
PO Box 47600  
Olympia, WA 98504-76000

For more information contact: Communications Consultant, phone 360-407-6834.

*Any use of product or firm names in this publication is for descriptive purposes only and does not imply endorsement by the author or the Department of Ecology.*

*Accommodation Requests: To request ADA accommodation including materials in a format for the visually impaired, call Ecology at 360-407-6764. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.*

## **Addendum to Quality Assurance Project Plan**

---

### **Beach Environmental Assessment, Communication, and Health (BEACH) Program: Monitoring Washington State Marine Beaches**

March 2018

**Approved by:**

Signature:

Julianne Ruffner, Author/ BEACH Program Coordinator, EAP

Date: March 2018

Signature:

Laura Hermanson, BEACH Program Specialist, EAP

Date: March 2018

Signature:

Carol Maloy, Marine Monitoring Unit Supervisor, EAP

Date: March 2018

Signature:

Dale Norton, Western Operations Section Manager, EAP

Date: March 2018

Signature:

Tom Gries, Acting Ecology Quality Assurance Officer

Date: March 2018

Signatures are not available on the Internet version.

EAP: Environmental Assessment Program

The purpose of this addendum is to provide minor updates to Ecology’s 2014 *Quality Assurance Project Plan: Beach Environmental Assessment, Communication, and Health (BEACH) Program: Monitoring Washington State Marine Beaches*. The updates are to Sections 3.1, 5.1, 5.6, and 9.5, effective February 2018. All other activities described in the original Quality Assurance Project Plan (QAPP) (e.g., sampling and testing) remain the same. Refer to the original QAPP for more detailed information on the project at <https://fortress.wa.gov/ecy/publications/SummaryPages/1403128.html>

### 3.1 Study area and surroundings

In 2004, the BEACH program developed a list of 51 core beaches (Table 1). Core beaches are considered to be the highest-use and highest-risk beaches in Washington. The BEACH Program tries to consistently monitor core beaches, as funding allows, to determine long-term water quality trends. In 2016, Jack Hyde Park was added to the list bringing the total to 52 core beaches.

Table 1. BEACH Program list of core beaches.

County	Beach	Beach Identification
Clallam	Cline Spit County Park	WA422935
Clallam	Salt Creek Recreation Area	WA496627
Grays Harbor	Westhaven State Park, Half Moon Bay	WA673259
Grays Harbor	Westhaven State Park, South Jetty	WA620402
Grays Harbor	Westport - The Groynes	WA353465
Island	Freeland County Park / Holmes Harbor	WA600271
Island	Windjammer Lagoon	WA913096
Island	Windjammer Park	WA896421
Jefferson	Fort Worden State Park	WA515591
King	Alki Beach Park	WA614011
King	Carkeek Park	WA121922
King	Dash Point State Park	WA686013
King	Golden Gardens	WA339253
King	Lincoln Park	WA160611
King	Redondo County Park	WA676420
King	Richey Viewpoint	WA726327
King	Richmond Beach Saltwater Park	WA705527
King	Saltwater State Park	WA667355
King	Seahurst Park	WA347545
Kitsap	Arness County Park	WA192208
Kitsap	Eagle Harbor Waterfront Park	WA381199
Kitsap	Evergreen Park	WA324660
Kitsap	Fay Bainbridge Park	WA325280

<b>County</b>	<b>Beach</b>	<b>Beach Identification</b>
Kitsap	Illahee State Park	WA843240
Kitsap	Indianola Dock	WA175620
Kitsap	Lions Field	WA581265
Kitsap	Pomeroy Park - Manchester Beach	WA369081
Kitsap	Silverdale Waterfront Park	WA177646
Mason	Potlatch State Park	WA521828
Mason	Twanoh State Park	WA205748
Mason	Walker County Park	WA113345
Pierce	Dash Point Metro Park	WA261743
Pierce	Jack Hyde Park	WA664326
Pierce	Owen Beach / Point Defiance Park	WA473944
Pierce	Purdy Sandspit County Park	WA370745
Pierce	Sunnyside Beach Park	WA872803
Pierce	Titlow Park	WA465917
Pierce	Waterfront Dock / Ruston Way	WA288467
Skagit	Bayview Boat Launch	WA595244
Skagit	Bayview State Park	WA211931
Snohomish	Edmonds Marina Beach Dog Park	WA207419
Snohomish	Edmonds Marina Beach Park	WA980702
Snohomish	Edmonds Underwater Park	WA928351
Snohomish	Howarth Park	WA587438
Snohomish	Jetty Island	WA765635
Snohomish	Kayak Point County Park	WA294978
Snohomish	Picnic Point County Park	WA233925
Thurston	Burfoot County Park	WA467079
Whatcom	Birch Bay County Park	WA486271
Whatcom	Birch Bay State Park	WA382349
Whatcom	Larrabee State Park, Wildcat Cove	WA542379
Whatcom	Port Of Bellingham Marine Park	WA266896

## 5.1 Key individuals and their responsibilities

Table 2. Organization of project staff and responsibilities.

Staff	Title	Responsibilities
Joel Salter EPA, Region 10 Phone: 503-326-2653	EPA BEACH Program Lead, EPA Grant Manager	Clarifies project scope and provides technical assistance. Administers EPA Beach Monitoring and Notification Program Development Grant. Provides technical assistance.
Megan Schell EPA Grant Coordinator Department of Health Office of Shellfish and Water Protection Phone: 360-236-3307	NEP Contract Manager	Provides QAPP review and NEP project oversight.
Julianne Ruffner MMU, WOS, EAP Phone: 360-407-6154	Project Manager (PM)	Writes the QAPP. Administers all aspects of the BEACH project including sampling and notification oversight, review of data, data interpretation, and data entry into EIM. Responsible for all reports.
Laura Hermanson MMU, WOS, EAP Phone: 360-407-0273	BEACH Specialist	Provides local partners with technical assistance on sampling, data entry, and beach notification. Conducts QA review of data. Assists Project Manager with duties as needed.
Carol Maloy MMU, WOS, EAP Phone: 360-407-6742	PM's Unit Supervisor	Provides internal review of the QAPP and approves final QAPP.
Dale Norton WOS, EAP Phone: 360-407-6596	PM's Section Manager	Provides internal review and approves final QAPP.
Tom Gries EAP Phone: 360-407-6964	Acting Ecology QA Officer	Reviews the draft QAPP and approves the final QAPP.

BEACH: Beach Environmental Assessment, Communication, and Health;

EAP: Environmental Assessment Program

EIM: Environmental Information Management database

EPA: U.S. Environmental Protection Agency

MMU: Marine Monitoring Unit

NEP: National Estuary Program

PM: Project Manager

QAPP: Quality Assurance Project Plan

WOS: Western Operations Section

Table 3. BEACH Program Local Partners.

Name	Title/Organization
Jennifer Garcelon & Sue Waldrip	Clallam County Health and Human Services
Aaron Parker	Makah BEACH Program Manager
Jeff Nelson & Rob King	Grays Harbor County Public Health
Jill Wood	Island County Health Department
Mike Dawson	Jefferson County Public Health
Betsy Carlson	Port Townsend Marine Science Center
Todd Yerkes	Public Health Seattle and King County
Anne Moen & Ian Rork	Kitsap County Health District
Debbie Riley	Mason County Environmental Health
Ray Hanowell & Lindsay Tuttle	Tacoma-Pierce County Health Department
Emily Walters	Padilla Bay Foundation
Chrys Bertolotto	Washington State University Snohomish County Beach Watchers
Maggie Taylor	Stillaguamish Tribe
Jane Mountjoy-Venning	Thurston County Public Health
Sasha Medlen	Olympia Chapter, Surfrider Foundation
Tom Kunesh	Food Safety and Living Environment Program Supervisor, Whatcom County Health Department
Eleanor Hines	Northwest Straits Chapter, Surfrider Foundation

## 5.6 Budget and funding

Funding for the BEACH Program is provided by an EPA grant as part of the Beaches Environmental Assessment and Coastal Health Act of 2000, regulatory authority 40 CFR PART 31. In addition, the BEACH Program has received National Estuary Program (NEP) grant funds since 2011. The BEACH Program may continue to periodically receive National Estuary Program (NEP) grant funds. The NEP funding is directed toward continued sampling of core and county beaches, as well as continued bacterial source investigations and remediation actions.

The budget for the BEACH Program varies by year, depending on:

- EPA’s grant award for the year.
- Additional funds obtained to sample beaches and conduct source control investigations (e.g., NEP funding).

## 9.5 Lab(s) accredited for method(s)

All bacteria analysis will be performed by a laboratory accredited for that method. The following accredited laboratories are used by the BEACH Program and BEACH Program partners:

- Avocet, Bellingham
- Clallam County Environmental Laboratory, Port Angeles
- Edge Analytical Laboratories Microbiology Lab, Bellingham
- Everett Environmental Laboratory, Everett
- Grays Harbor County Water Testing Lab, Montesano
- King County Environmental Laboratory, Seattle
- Lab/Cor Inc., Bremerton
- Twiss Analytical Laboratories Inc., Poulsbo
- Thurston County Health Department Laboratory, Olympia
- Water Management Laboratories Inc., Tacoma
- Centric Analytical Labs, Port Orchard (new).