

Dredging Year 2022

DMMP Year in Review

June 16, 2021 – June 15, 2022

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U.S. Army Corps of Engineers

SMARM May 4, 2022



Topics

- DMMP Project Stats
- Disposal Volumes
- Puget Sound Sediment Reference Material
- DMMO Website
- Other Updates

A man spits out his coffee

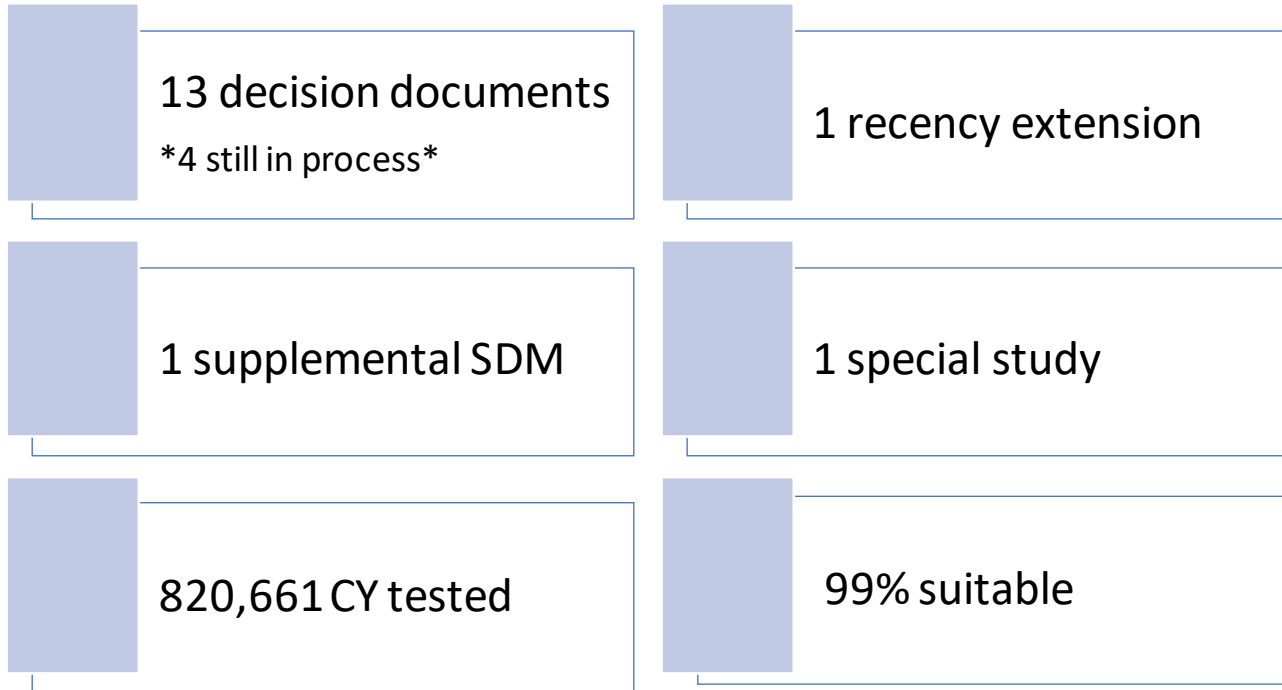
He says, "This tastes like mud!"

How does the server respond?

"Well of course. It was just ground this morning."

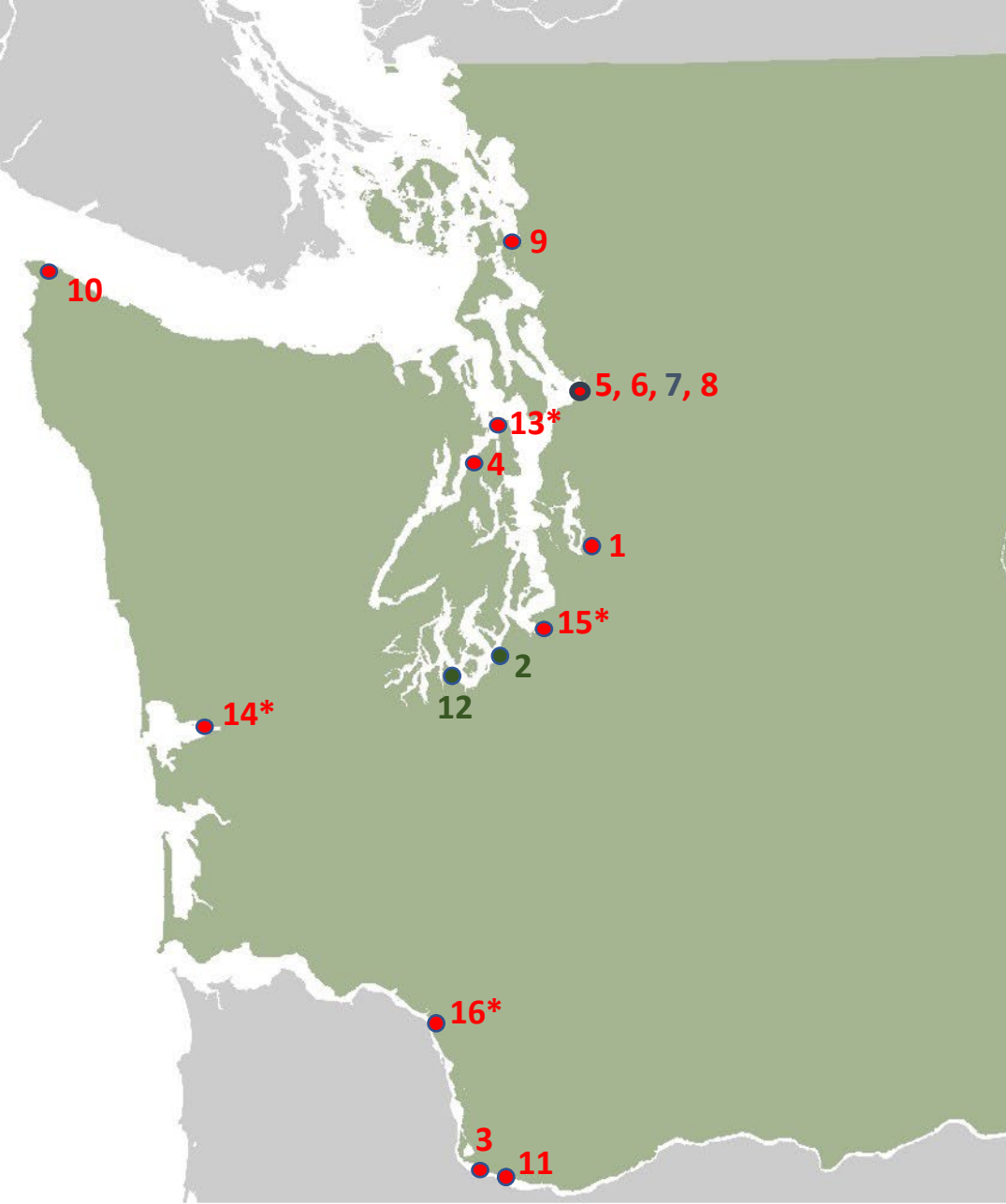
DY22: DMMP Project Testing Summary

So far...



So how does that compare
with previous years?

DY22 Decision Documents



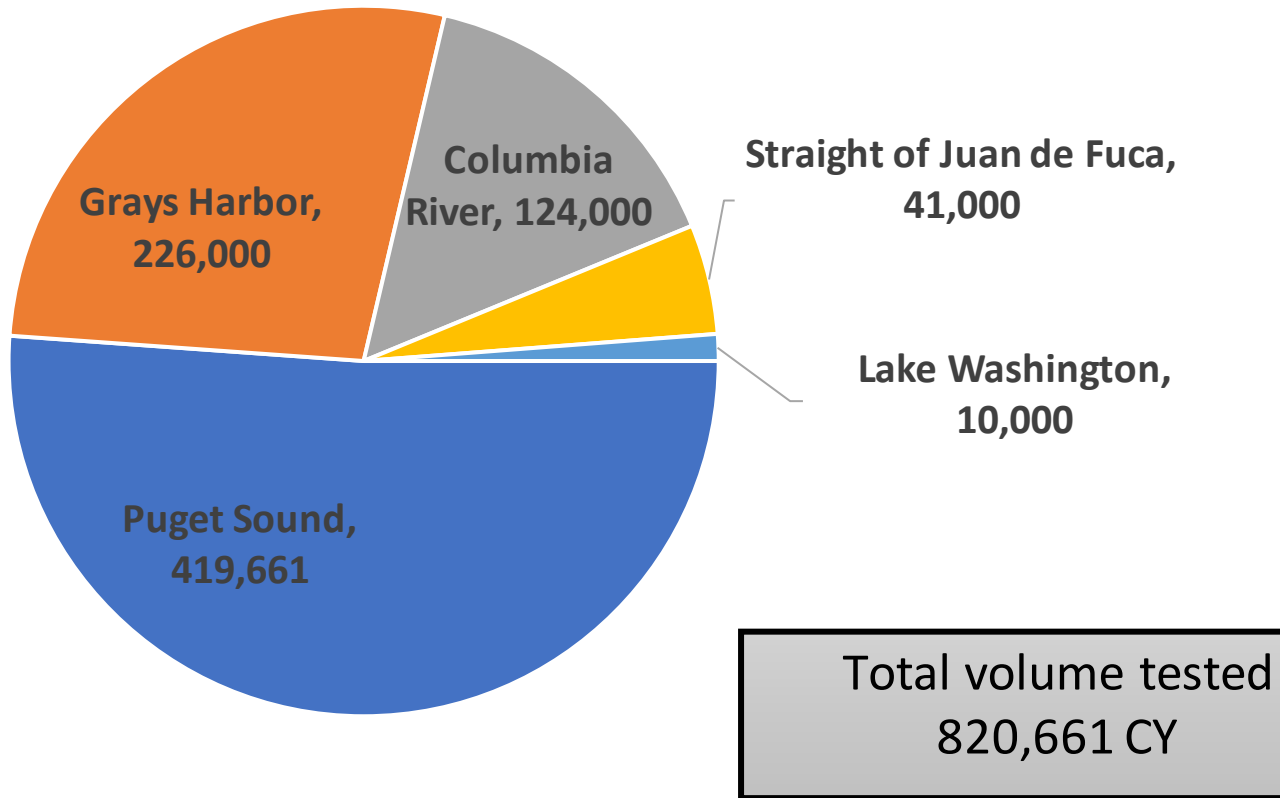
Suitability Determinations	
1	Barbee Mill Boathouse
3	HME Construction
4	NAVBASE Kitsap Bangor EMMR
5	Port of Everett, 10th St. Boat Launch
6	Port of Everett, Central Marina West
8	Port of Everett, North Marina
9	Twin Bridges Marina
10	USACE Neah Bay Navigation Improvement Project
11	Vigor Industrial Entrance Channel
13	*Driftwood Key Marina
14	*Port of Grays Harbor, Terminals 1, 2, 3, 4
15	*Schnitzer Steel of Tacoma
16	*Weyerhaeuser Longview

Recency Determinations	
7	Port of Everett, Central Marina and South Docks

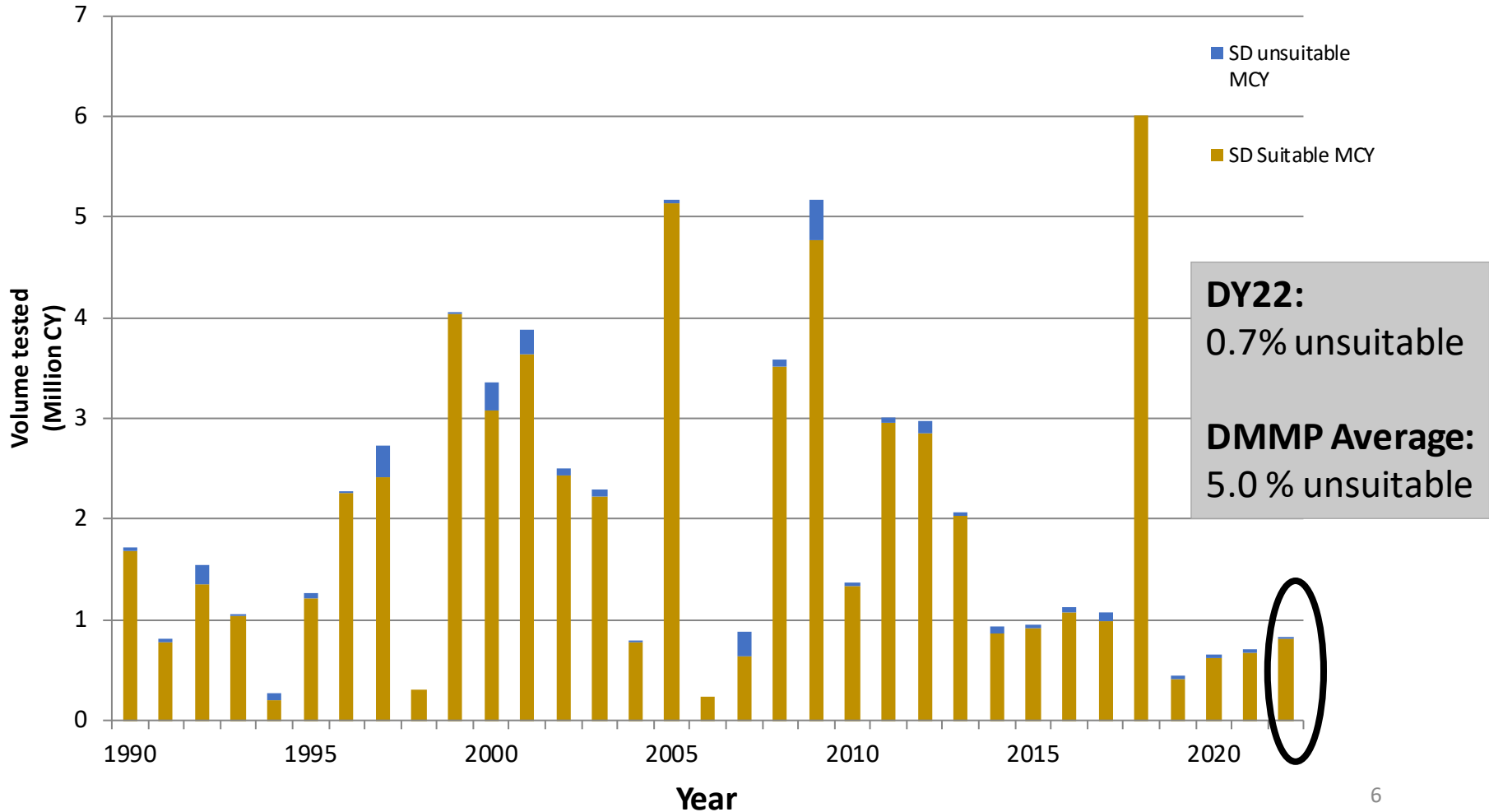
Special Study/Supplemental Suitability	
2	Chambers Creek Dam Removal
12	Zittel's Marina

* Project not complete as of May 3rd, 2022

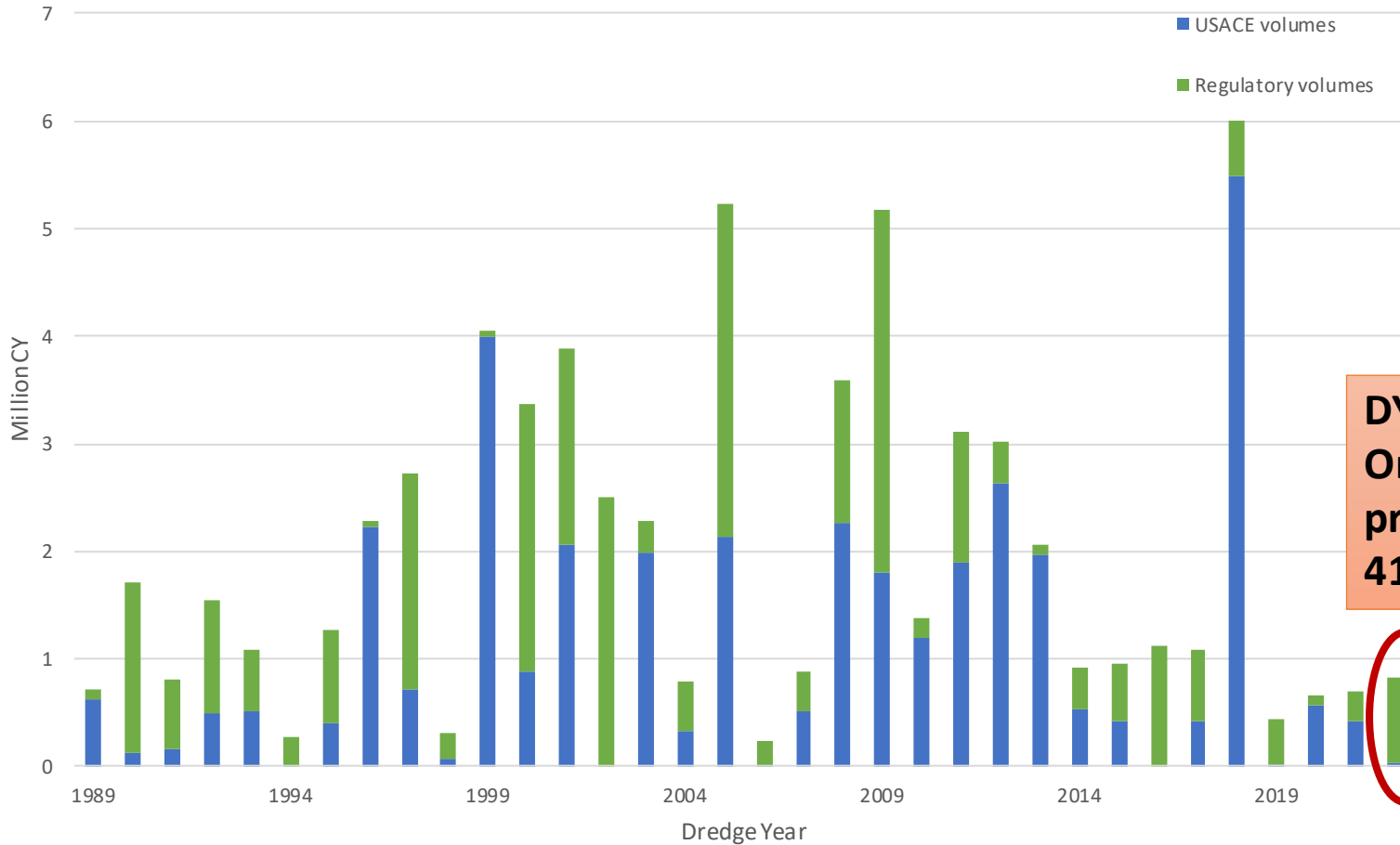
Tested Sediment Volume by Region



Historical Suitable/Unsuitable Volumes



Historical USACE Volumes



DY22
One USACE
project -
41,000 CY



Open-Water Disposal

What did the shy pebble wish?

That she was a little boulder!

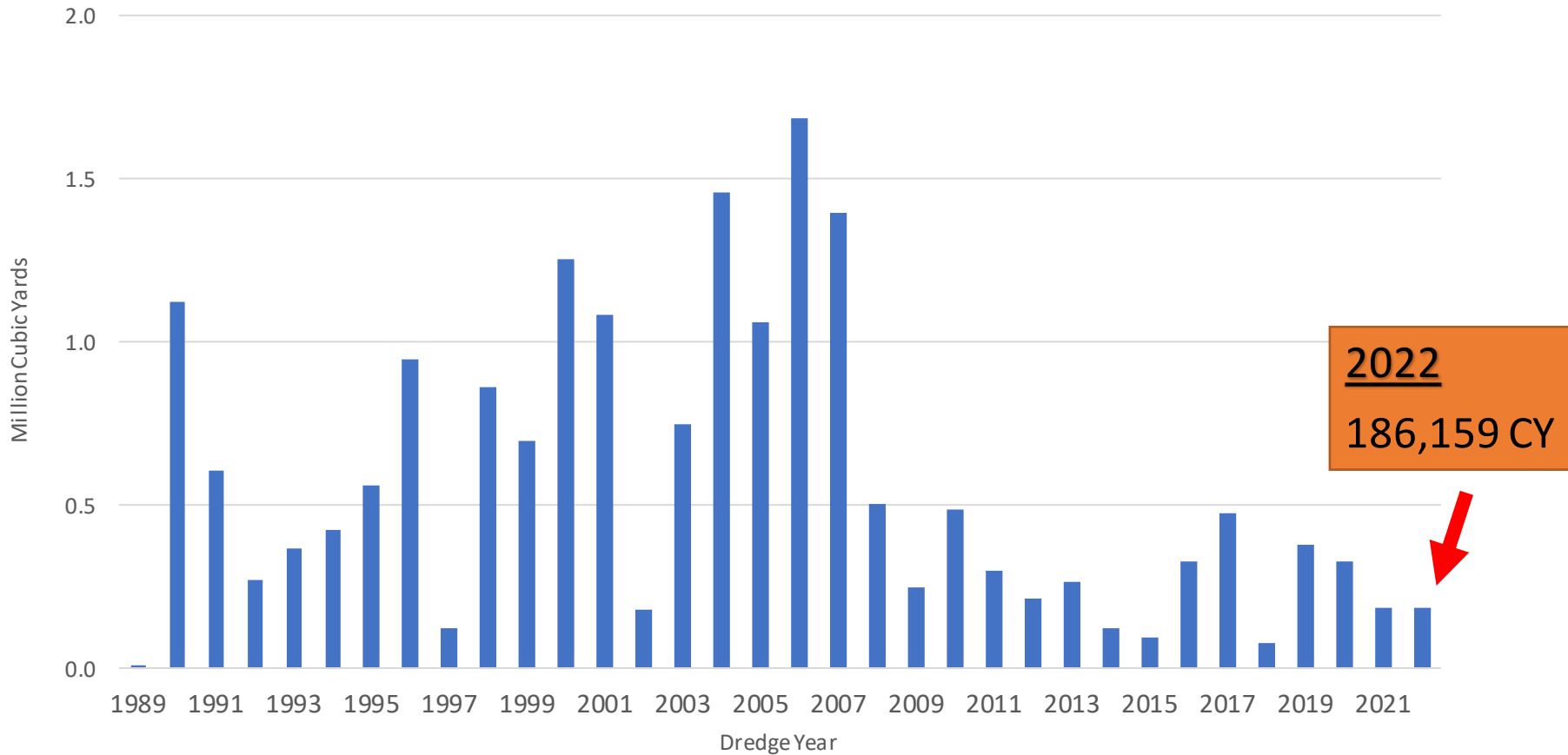


DY22: Open-Water Disposal in Puget Sound

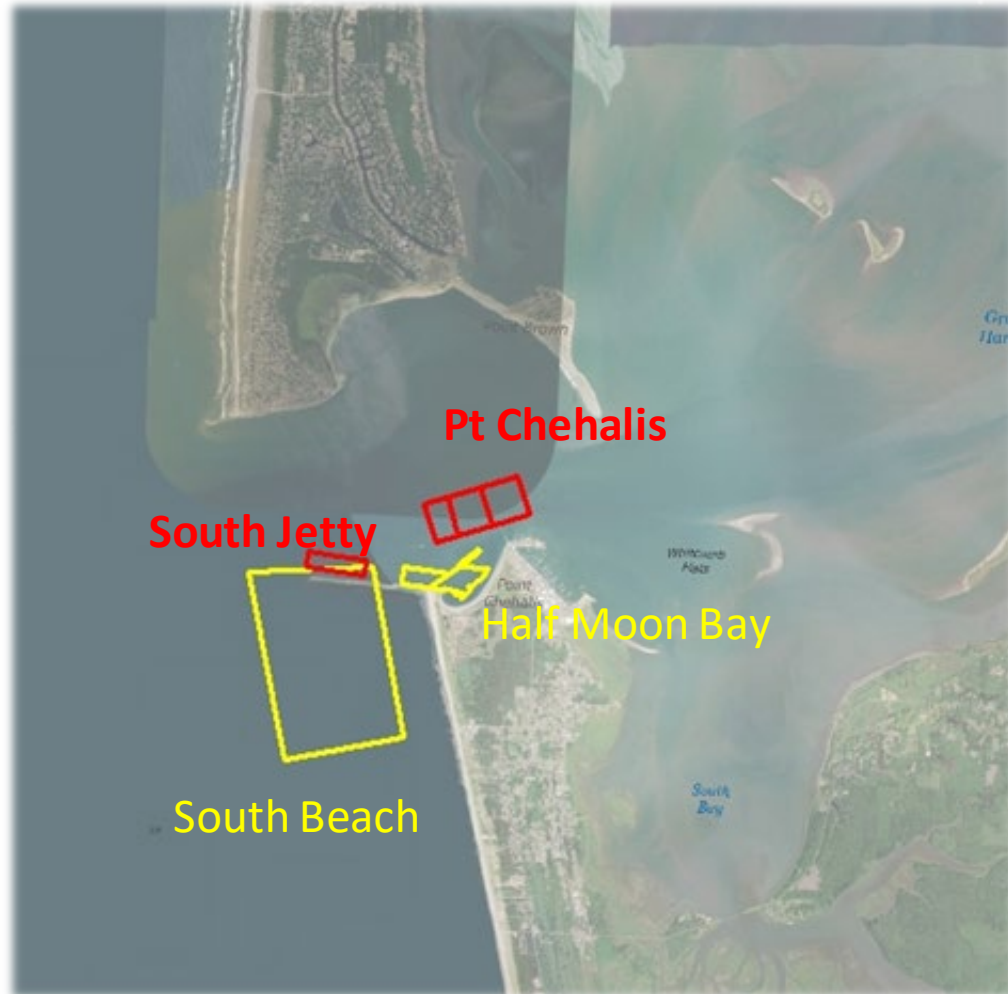


Port Gardner	
Port of Everett 10 th St. Boat Launch and Connector Channel	33,255 CY
Elliott Bay	
Port of Seattle Terminal 5 Phase 1	11,726 CY
USACE Duwamish Waterway	123,810 CY
Commencement Bay	
Port of Tacoma, Husky and WUT	17,368 CY
TOTAL PUGET SOUND VOLUME	186,159 CY

Annual Open-Water Disposal Volumes: Puget Sound



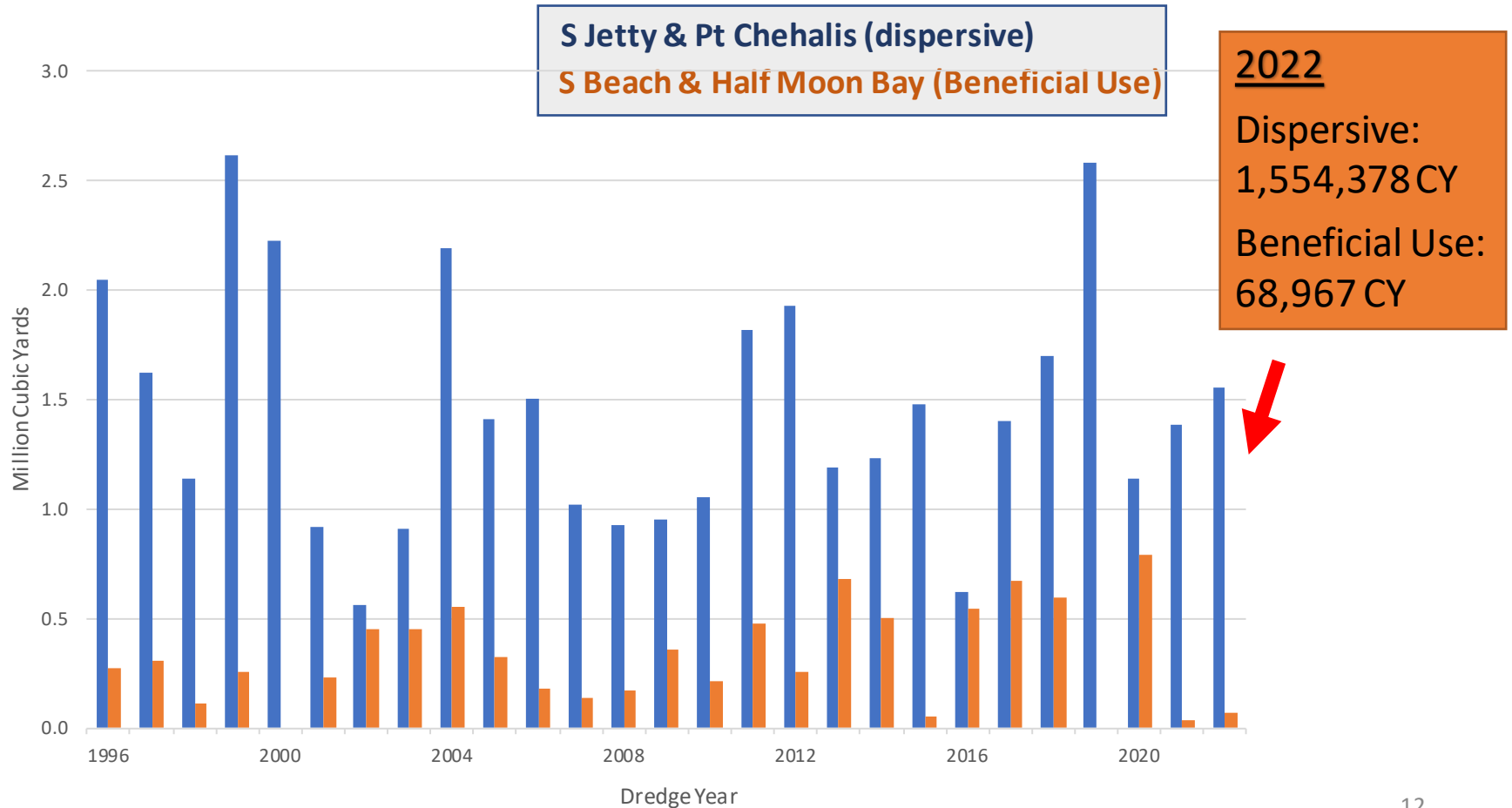
DY22 Grays Harbor Disposal Volumes



Point Chehalis	
USACE Grays Harbor	855,759 CY
Port of Grays Harbor T1, T2, T4 Round 1	41,431 CY
Port of Grays Harbor T1, T2, T4 Round 2	41,169 CY
South Jetty	
USACE Grays Harbor	616,019 CY
Half Moon Bay and South Beach Beneficial Use Sites	
USACE Grays Harbor	68,967 CY*
TOTAL GRAYS HARBOR VOLUME	1,623,345 CY

*Hopper dredging ongoing

Annual Open-Water Disposal Volumes: Grays Harbor



Puget Sound SRM

- Over the last year:
 - 10 projects
 - 21 bottles distributed
- PS-SRM guidance on DMMO website recently updated
- <https://www.nws.usace.army.mil/Missions/Civil-Works/Dredging/SRM/>



Total:

182 bottles distributed

2,668 bottles remaining

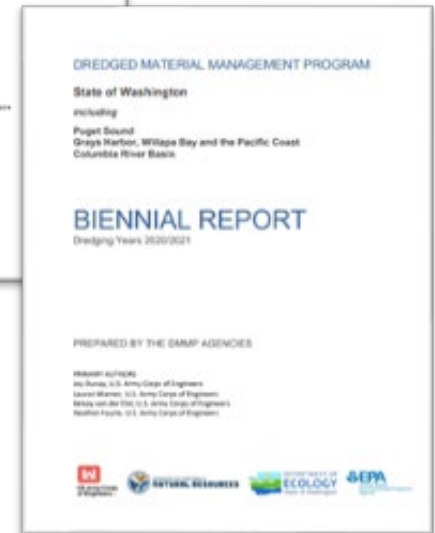
Puget Sound Sediment Reference Material: Requesting, Analyzing, Validating and Reporting Data

Introduction

The Puget Sound Sediment Reference Material (SRM) has been developed to help assess/evaluate measurement accuracy and monitor laboratory performance when analyzing for chlorinated dioxin, furans, and biphenyl compounds in sediment samples collected in the Pacific Northwest. The SRM is currently available free of charge, though recipients must pay shipping costs. This document provides instructions for obtaining, analyzing, and reporting on the SRM. The guidance and procedures are intended to ensure that SRM users:

Other Updates

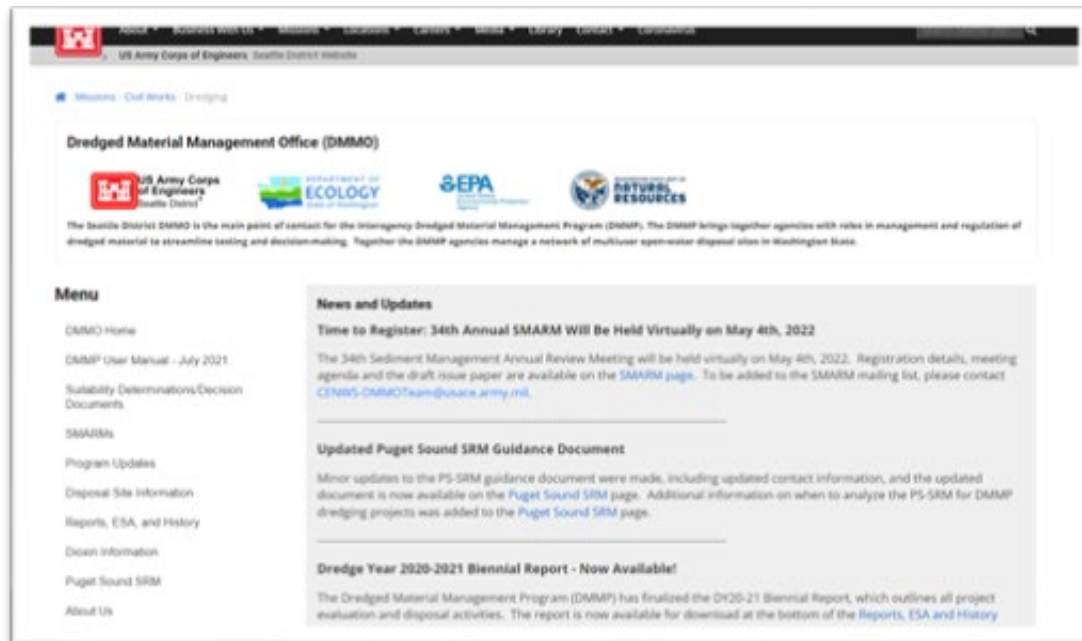
- 2021 User Manual
 - Published July 2021
- Port Gardner Pilot Study Monitoring Report and Foreword
 - Revised 3/29/22
- DY20/21 Biennial Report



USACE will be hiring
in DMMO later this year

DMMO Website

- <https://www.nws.usace.army.mil/Missions/Civil-Works/Dredging/>



Questions?

Type your question into the Chat box (Send to: Everyone).

OR

Raise your hand (click button next to your name or at the bottom of the screen).

OR

Contact us: CENWS-DMMOTeam@usace.army.mil

Comments due by June 3, 2022.

The sea complained to the river that the recent increase in erosion was causing more silt and clay and sand to settle on the seabed.

The river replied: "My sediments exactly."