



Perspective on the Sediment Evaluation Framework

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We see RSET and the SEF as...

- A Partnership
- A Process

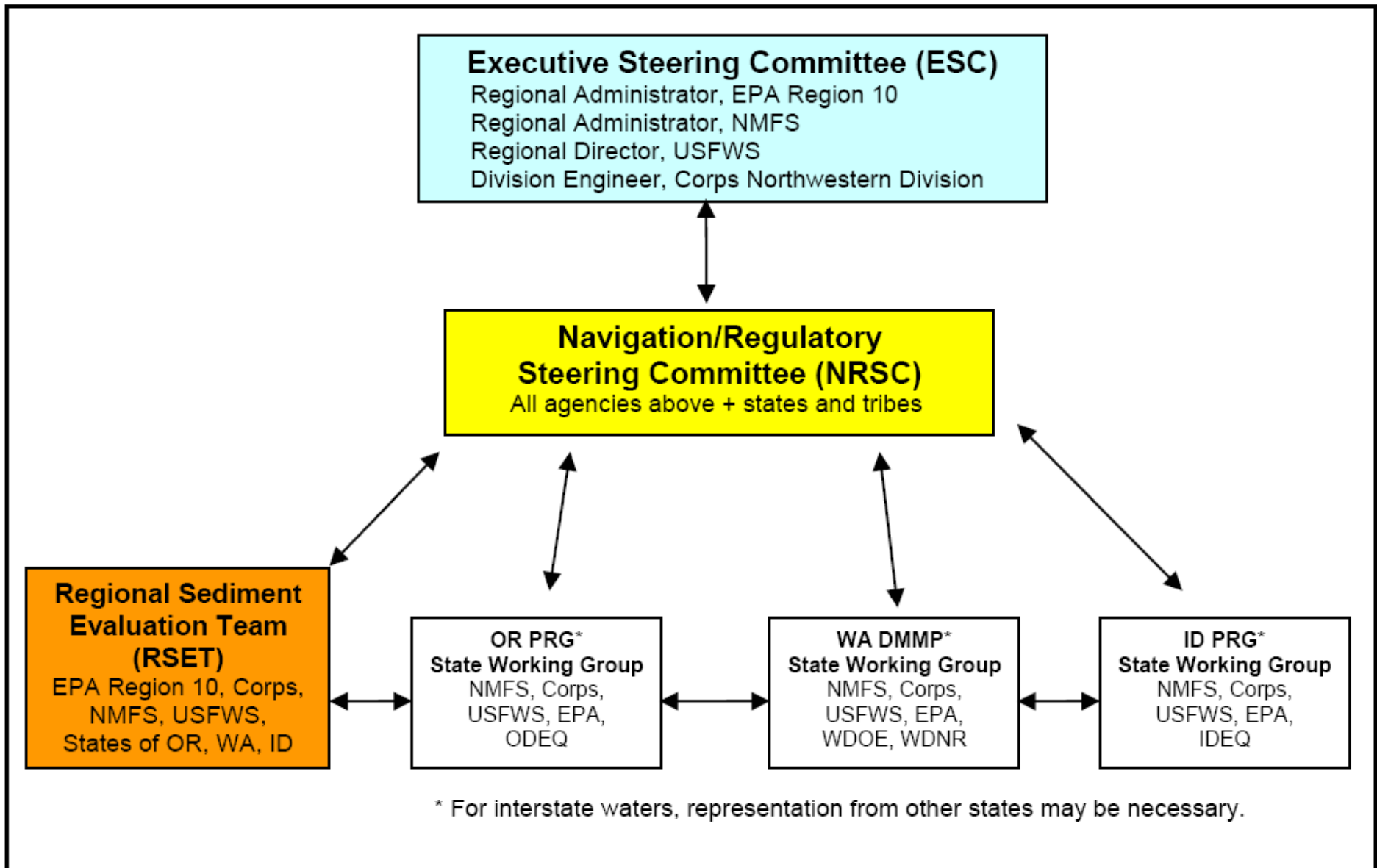
- Technical Development Work



RSET and SEF as Partnership

- Goal: Work cooperatively with the Corps and other partner agencies involved.
- Ecology and other agencies could pursue independent technical development, guidance, and decision-making under state rules, but would that lead to better decisions on dredging projects?

Figure 1-1. Structure of the Regional Dredging Team





SEF as Guide for Decision-making Process

- Provides guidance for all parties (applicant, agencies, public) so decision-making on dredging projects is clearer. Reduces uncertainty.
- Predictability vs. flexibility
- Yet... **“Although consistency is an important objective, it is recognized that flexibility must be maintained...** When project-specific technical indications warrant, suitability evaluations or determinations that deviate from those indicated by the guidelines presented in this manual may be made” (SEF, page I-6).



SEF vs Regulation

- “...it provides a “toolbox” of methods that can be utilized for sediment and dredged material characterizations. It is intended only as guidance, and best professional judgment should be exercised in determining the uses of this SEF. **Nothing in this SEF alters or limits agency responsibilities, or imposes mandatory requirements beyond existing statute or regulation**” (SEF, page P-3).

How will SEF be used in WA?

- For the state of Washington, this manual will be utilized as guidance for dredged material management only.
- In Washington, the Sediment Management Standards (“SMS”, Chapter 173-204 WAC) and the Model Toxics Control Act (“MTCA”, Chapter 173-340 WAC) **will continue to be used as the regulatory tools for sediment management and cleanup decisions.** (SEF page P-3)
- Sec 401 Water Quality Certifications must be consistent with WA Sediment Management Standards



RSET and SEF as Technical Development

- Scientific understanding and policy changes in response to science are a continuous process.
- Technical work connected with RSET is also linked with WA's SMS and the DMMP, including work on:
 - Freshwater sediments
 - Bioaccumulation



Public Process

- RSET/SEF
- DMMP/SMARM

- SMS/MTCA Rule Updates



Acronyms

- Regional Sediment Evaluation Team (RSET)
- Sediment Evaluation Framework (SEF)
- Dredged Material Management Program (DMMP)
- Sediment Management Annual Review Meeting (SMARM)
- Sediment Management Standards (SMS)
- Model Toxics Control Act (MTCA)



Public Process

RSET/SEF – Recent Past

- SEF was made “final” in May 2009
 - Public comment period and public meetings in 3 states in February and March 2009.
-
- Response to comments available
 - Annual updates at SMARM
 - Participation in subcommittees
 - 2006 public comment period and response to comments

www.nwp.usace.army.mil/pm/e/rset.asp



Public Process

RSET/SEF – Future

- “The RSET expects the SEF to always be a **living document** with a process available to update and incorporate advances in scientific, engineering, and regulatory fields”
- In the future, major revisions will be **presented annually** by the RSET to agency staff and the interested public for review and comment. (SEF, page P-3)



Public Process – DMMP and SMARM

- Excellent history of public process in Puget Sound by the DMMP agencies
- SMARM is an annual meeting held in May of each year.
- Agencies provide technical and policy updates to the public
- Public can present papers as well
- Summary of last meeting now available.

www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=DMMO&pagename=HOME



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
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Notice

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Summaries from all Annual Review Meetings (all in .pdf format). In 1995 the Annual Review Meetings were combined with Ecology's Sediment Management Program to become Sediment Management Annual Review Meetings (SMARM).

dmmo Documents

-  [1989 First Annual Review Meeting \(FARM\) Summary](#)
-  [1990 ARM Summary](#)
-  [1991 ARM Summary](#)
-  [1992 ARM Summary](#)
-  [1993 ARM Summary](#)
-  [1994 ARM Summary](#)
-  [1995 SMARM Minutes](#)
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-  [2006 SMARM Minutes](#)
-  [2007 SMARM Minutes](#)
-  [2008 SMARM Minutes](#)
-  [2009 SMARM Minutes](#)

Purpose

The 2009 Sediment Management Annual Review Meeting will be held on Wednesday, May 6, 2009.

Announcements

Links to Public Issue Papers:

- [Dioxin/Furan Data Review and Implications for DMMP Policy Update](#) - Mark Larsen, Anchor QEA
- [Dioxin Data - Clarification of SRM Analysis and Validation Requirements](#) - Ann Bailey, EcoChem
- [Recommendations for a Dioxin Pilot Study](#) - Mike Stoner, Port of Bellingham
- [Waterfront Business Perspective](#) - Patrick Jones, Working Waterfront Coalition; Tom Newlon, Stoel-Rives
- [Proposal to Reconsider Proposed Changes to the Open-Water Disposal Guidelines for Dioxins in Dredged Material](#) - Eric Johnson, Washington Public Ports Association

Draft Issue Paper now available at the link below:

- [Proposal to Revise the Open-Water Disposal Guidelines for Dioxins in Dredged Material \(1.6 mb\)](#) - This is an updated version of the paper with changes only to meeting specifics detailed in the text.

Links to Clarification Papers:

- [Summary of Site Use Authorization Requirements for Washington Department of Natural Resources Dredged Material Management Program Office](#)
- [Metals BCOC List](#)

Click on the links for:

- [Final Agenda](#)
- [Invitation Letter](#)



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Purpose

BIOACCUMULATION TESTING: This page lists modifications to DMMP Bioaccumulation testi

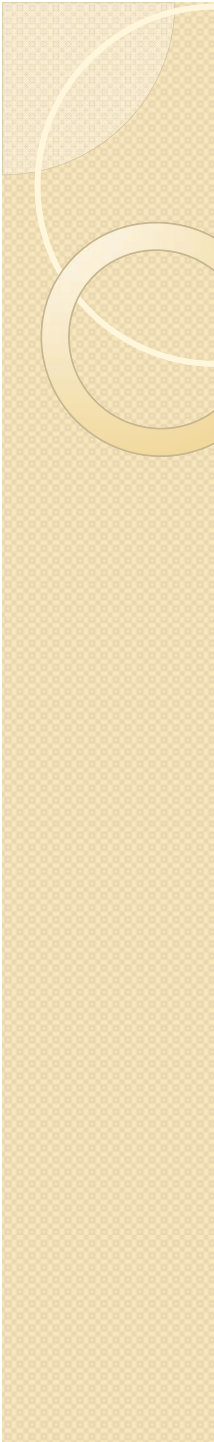
Issue Papers are proposals to directly impact DMMP policy or technical guidelines. Issue Papers need agency head approval by this year.

Clarification Papers are minor updates and tweaks to current DMMP guidelines that can be implemented by the program after put

Status Papers are updates on ongoing work. These papers are for information only.

Bioaccumulation Topics

Year	Title	Paper Type
1998/ 2007	Technical Basis for Revisions to the DMMP Bioaccumulation Chemicals of Concern List (final Jan. 07)	Technical support to Issue paper
2003	Revised BCOC List (updated and corrected)	Technical Support to Issue Paper
2003	Revisions to the Bioaccumulative Contaminants of Concern (BCOC) List	Issue
2000	Bioaccumulation Protocol Clarifications (w/ 2008 & 2009 errata)	Clarification/SMS Technical Support Document
1998	Technical Support Document for Revision of the Dredged Material Management Program Bioaccumulative Chemicals of Concern List	Technical support to Issue paper



Public Process – MTCA/SMS Rule Updates

- Process has begun for updating SMS and MTCA rules.
- Issue scoping and some commenting so far.
- Advisory Committee to be formed, including a Sediment Workgroup
 - Advisory group to start in Nov 2009
 - Process open to the public

www.ecy.wa.gov/programs/tcp/regs/2009MTCA/mtcaAmend.html



MTCA/SMS Rule Updates (cont)

SMS Issues:

- Freshwater Sediment Standards
- Other Toxic, Radioactive, Biological or Deleterious Substances
- Background Concentrations in Setting Sediment Cleanup Standards
- Integrating the Sediment Management Standards and Model Toxics Control Act Rules
- Human Health Risks in Setting Sediment Cleanup Standards
- Ecological Risks from Bioaccumulative Chemicals in Sediment

Model Toxics Control Act

Toxics Cleanup Program

Ecology Laws & Rules

MTCA/SMS Rule-Making Information

Issue Summaries Updated!

Current MTCA Rule

Current Sediment Standards Rule



MTCA Cleanup Regulation Update & MTCA/SMS Integration

The Department of Ecology is reviewing and updating the **Model Toxics Control Act Cleanup Regulation** (called the **MTCA** Cleanup Regulation or **MTCA** Rule.) Periodic review of this rule ensures that cleanup requirements reflect current science and include new statutory requirements. At the same time, Ecology is also reviewing cleanup provisions in the **Sediment Management Standards (SMS)** to clarify cleanup requirements for contaminated sediments.

- [What issues are being considered as part of this rule-making effort?](#)
- [What rule revisions being considered will affect cleanup standards?](#)
- [What issues need resolving to coordinate how the Sediment Management Standards and the MTCA Cleanup Regulation address contaminated sediments?](#)

UPDATES:

July 10, 2009:
[Issues Summaries Posted](#)

February 12, 2009:
[Issue: Scoping](#)

[Announcing our intent to begin rulemaking](#)

October 22, 2008:
[Focus on prioritizing rulemaking issues](#)

For more information
[Sign up for e-mail announcements!](#)

Send MTCA and SMS comments to:
RuleUpdate@ecy.wa.gov,
or call Martha Hankins
at 360.407.6864



Questions?

- Contact:

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