

MTCA/SMS Advisory Group, Updated Roadmap, June 21, 2010

This roadmap shows the dates and agenda topics for the various advisory groups providing input to Ecology as we update the MTCA cleanup regulation and work on integrating the MTCA and SMS rules.

All advisory group meetings and science panel meetings are open to the public. Meeting materials (agendas, handouts, presentations, and technical analysis and discussion documents) are posted on the Ecology website. (Here is a link: [MTCA/SMS Rule Update](#), or type “MTCA SMS rule update” in the search box and click Go.) Information about upcoming meetings is posted in the Site Register and distributed via the MTCA-SMS-LISTSERV.

	MTCA/SMS Advisory Group	Sediment Workgroup	Other workgroups	MTCA Science Panel ⁱ
2009	<p>This group was created to advise us specifically on rule issues, both technical and policy. It has 20 members and has met approximately monthly starting in Nov 09.</p>	<p>This group provided technical and policy advice on sediment cleanup issues. The 8 members have extensive sediment experience and met 7 times between Nov 09 and June 2010.</p>	<p>Ecology recognize that certain topics may need focused or specific stakeholder feedback</p>	<p>This group meets approximately quarterly to focus on questions related to cleanup; specifically they answer whether Ecology is within the range of scientific defensibility.</p>
	<p>11/20/20 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Joint Kickoff meeting Overview of MTCA & SMS issues 	<p>11/20/09 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Joint Kickoff meeting Overview of MTCA & SMS issues 		<p>11/23/09 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Early life stage exposure to chemical carcinogens Vapor Intrusion
2010	<p>12/18/09 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Sediments: Human Health & Background Vapor Intrusion Remedy Selection 	<p>12/2/09 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Freshwater Standards Human Health & Background 		
	<p>1/11/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Considering background in cleanup decisions Institutional Controls & Periodic Reviews Cleanup standards & toxicity 	<p>1/7/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Human Health & Background 		
	<p>2/22/10 – Cancelled Early life stage exposures Concurrent exposure pathways Fish consumption rates</p>	<p>1/28/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Human Health/Background Ecological risk from bioaccumulatives 	<p>Planning begins for a vapor risk workgroup</p>	
	<p>3/22/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Updated Roadmap Method A updates (toxicity-related issues) Early life exposure to B[a]P Lead cleanup levels 	<p>3/16/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Human Health & Background, focusing on implementation –related issues 		<p>3/25/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Early Life Stage Exposure Inhalation Risk Equations Effects of new tox data on Method A CULs
	<p>4/26/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Fish consumption rates Sediments: decision framework for HH Method A updates, toxicity (continued) MTCA framework: exposure pathways 	<p>4/20/10 - Rescheduled</p>	<p>8 member Vapor workgroup formed</p>	
	<p>5/24/10 : Cancelled *Sediments: Integrating MTCA & SMS *Freshwater Sediment Standards *Method A updates, toxicity (continued) *GW to SW</p>	<p>5/3/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Human Health & Background Freshwater Standards 	<p>5/ 13/10 <input checked="" type="checkbox"/></p> <p>2-4 pm</p> <ul style="list-style-type: none"> Guidance status Identifying rule issues 	
	<p>6/21/10</p> <ul style="list-style-type: none"> Method A updates MTCA rule framework changes GW to SW Freshwater sediment standards 	<p>6/2/10 <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> Human Health & Background Bioaccumulation/Ecological Risk 	<p>6/24/10</p> <p>2-4 pm</p> <ul style="list-style-type: none"> Inhalation toxicity Screening levels Compliance monitoring 	
	<p>7/26/10</p> <ul style="list-style-type: none"> Petroleum cleanup levels Lead Vapor Intrusion Sediment topics (Human health/background; bioaccumulation/eco risk) 		<p>Meeting 3 date tbd</p>	
	<p>Potential joint meeting with the Sediment Workgroup Date tbd</p> <ul style="list-style-type: none"> Fish consumption rates Sediment decision framework TEE Other topics tbd 			<p>8/25/10</p> <ul style="list-style-type: none"> Human health risk, toxicity, defining carcinogen Ecological toxicity Freshwater sediment standards

Next Steps

The following tentative schedule of Ecology efforts related to this rule making effort is based in part on feedback received to date. Although it is subject to change, it reflects a reasonable estimate, based on current understanding, of the tasks and timeframes that are part of this rule making effort.

Late summer 2010

- Review, discuss, and analyze input from the advisory groups
- Complete proposals related to integrating the MTCA and SMS rules
- Draft preliminary proposals related to fish consumption rates
 - Discuss ideas with Ecology director Ted Sturdevant, continue discussions with other Ecology programs
- Continue work on drafting early informal preliminary draft of proposed rule amendments
- Begin work on supporting environmental analyses (SEPA, EIS)
- Meet with the Science Panel August 25 (University of Washington Center for Urban Horticulture Isaacson Classroom, 9 am – 4 pm)

Early fall 2010

- Discuss and work toward resolving policy issues with the TCP management team, AAGs
 - Financial assurances, institutional controls, VCP issues
 - Science-related policy issues: concurrent exposure pathways, vapor intrusions sections, groundwater discharging to surface water, fish consumption rates, chemical specific toxicity issues (naphthalene, TCE, lead), toxicity hierarchy
- Work with other Ecology programs
 - Source control questions, fish consumption rates, background, ?
- Identify and resolve implementation issues by working with Ecology site managers
- Work with the AAGs on legal issues related to integrating the MTCA and SMS rules
- Produce an early informal preliminary draft of proposed rule amendments

Late fall 2010

- Provide to advisory group members the early informal preliminary draft of proposed rule amendments
- Hold one or more meetings with the MTCA SMS Advisory Group and Sediment Workgroup to review and discuss draft
- Post the early informal preliminary draft of proposed rule amendments for review by interested persons
- Provide opportunity for comment on the early informal preliminary draft
- Begin the required economic analyses (cost-benefit analysis and small business economic impacts)
- Review comments to the draft, make changes to the proposed amendments
- Complete supporting documentation needed for the CR-102 (white papers, background documents, analyses)

Spring 2011

- **File the CR-102** (proposed rule amendments)
- Start formal public comment period
- Prepare a responsiveness summary
- Finalize the EIS, CBA, SBEIS
- Begin work on the implementation plan

Fall 2011

- According to this (tentative) schedule, Ecology adopts amendments (files CR-103) in the fall of 2011.

ⁱ The state legislature in 2009 eliminated the MTCA Science Advisory Board. In order to continue obtaining balanced credible advice on scientific issues, Ecology convened a panel of scientists, selected to provide a range of perspectives (industry, academic, and public agency). Currently on the panel are: Dr. B. Duncan, Chair (EPA); Dr. E. Faustman (U.W. School of Public Health); Dr. T. Floyd (Floyd Snider); Dr. M. Riley (Anchor QEA); and Dr. R. Schoof (Environ Corp.). All meetings are open to the public, and meeting materials are posted on the Ecology website.