

ALASKA
Department of
Environmental
Conservation

Department of Environmental Conservation (DEC)

**Cruise Ship Waste Water Science Advisory Panel
Meeting #3 Agenda**

Centennial Hall, Hickel Room

Juneau Alaska

September 21-22, 2011

September 23, 2011 Goldbelt Conference Room

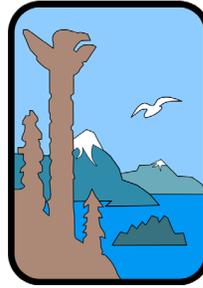
Panel members

Mark Buggins*	Municipality of Sitka
Dr. Reinaldo Gonzalez	Burns and McDonnell
Kenneth Fisher	EPA
Juha Kiukas	Ecomarine
Lamberto Sazon	United States Coast Guard
Lincoln Loehr**	Stoel Rives LLP
Hermann Josef Mammes***	Meyer Werft
Steve Reifstuhl****	Southeast Herring Conservation Alliance
Michelle Ridgway*****	Oceanus Alaska Environmental Services
Dr. Silke Schiewer	University of Alaska Environmental Engineering
Dr. Simon Veronneau	Quinnipiac University School of Business

- * Mark Buggins fills the legislatively mandated coastal community Panel seat.
- ** Lincoln Loehr fills the legislatively mandated cruise ship industry Panel seat.
- *** Hermann Josef Mammes is substituting for Thomas Weigend.
- **** Steve Reifstuhl fills the legislatively mandated commercial fishing industry Panel seat.
- ***** Michelle Ridgway fills the legislatively mandated NGO Panel seat.

Meeting Objectives

- Benchmark Panel work against the Statute and Panel mandate.
- Review the logistics of how the 2000 Science Advisory Panel completed their report.
- Approve model and data to be used for evaluating economic feasibility of additional methods of pollution prevention, control, and treatment.
- Complete sections of Panel Report pertaining to existing technologies and additional methods of pollution prevention, control, and treatment.



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Wednesday, September 21, 2011

Time	Facilitator/ Presenter	Task	Details	Outcome/Deliverables
8:00 a.m. – 8:15 a.m.	NA	Sign in		
8:15 a.m. – 9:00 a.m.	Krista Webb, OASIS Michelle Bonnet, ADEC	Orientation	<ul style="list-style-type: none"> • Welcome and introductions • Review, finalize and approve agenda • Review Statute, legislative intent, Panel mandate • Review what Panel has done, what must be accomplished during meeting, and final goals. • Review communication ground rules • Identify Parking Lot 	
9:00 a.m. – 10:15 a.m.	Dr. Alan Mearns, NOAA	Process of 2000 Science Advisory Panel	<ul style="list-style-type: none"> • What did Panel do to work together and successfully produce and publish findings? • How did they organize report writing? • What resources did they have? Need? • How did they work together? • How did they resolve conflicts? 	

Time	Facilitator/ Presenter	Task	Details	Outcome/Deliverables
10:15 a.m. – 10:30 a.m.	NA	Break		
10:30 p.m. – 12:00 p.m.	Dr. Reinaldo Gonzalez, Burns and McDonnell	Review and Confirm “Existing Technology” sections of report	Review of existing AWTS, additional treatment options, and treatment combinations.	<ol style="list-style-type: none"> 1. Text and all available information regarding existing technology and treatment combinations (both on board and shoreline) are confirmed by the Panel. 2. Report text for existing technology sections is virtually complete and approved by Panel. 3. Data gaps for those sections of report are identified and responsible person identified to fill gaps and finalize text.
12:00 p.m. – 1:30 p.m.	NA	No host Lunch		
1:30 p.m. – 3:00 p.m.	Krista Webb, OASIS	Review subsection 2 of Statute.	<p>From Statute, Panel to identify “additional economically feasible methods of pollution prevention, control, and treatment that could be employed to provide the most technologically effective measures to control all wastes and other substances in the discharge.</p> <p>Review Sections 7 (treatment combinations) and 8 (potential</p>	<ol style="list-style-type: none"> 1. Panel lists all potential methods of pollution, prevention, control and treatment that they are aware of. 2. Panel rates technical effectiveness or identifies what information is needed to rate technical effectiveness.

Time	Facilitator/ Presenter	Task	Details	Outcome/Deliverables
			methods for meeting requirements) of report Economic feasibility to be discussed after presentation by NEI.	
3:00 p.m. – 3:15 p.m.		Break		
3:15 p.m. – 4:30 p.m.	Krista Webb, OASIS	Outline environmental benefits and costs of implementing additional methods identified by the Panel.		<ol style="list-style-type: none"> 1. Content of discussion/debate regarding the environmental costs and benefits of implementing additional methods will be included in relevant section of Report 2. Panel identifies to what degree environmental benefits and costs can be quantified 3. Data gaps identified 4. Plan for filling gaps identified (Who? How?) 5. Identify what to do if data gaps cannot be filled
4:30 p.m. – 5:00 p.m.	Krista Webb, OASIS	Public Comment		
5:00 p.m. Adjourn				

Thursday, September 22, 2011, Hickel Room, Centennial Hall

Time	Presenter/ Facilitator	Task	Details	Outcome Deliverables
8:00 a.m. – 8:15 a.m.	NA	Sign in		
8:15 a.m. – 8:30 a.m.	Krista Webb, OASIS	Review agenda and discussion ground rules		
8:30 a.m. – 10:00 a.m.	Pat Burden, Northern Economics Inc.	Model for Determining Economic Feasibility	NEI to outline a model for determining economic feasibility of additional methods identified by the Panel in Sections 7 and 8 Define “economically feasible “ Panel to evaluate model and identify data sources	<ol style="list-style-type: none"> 1. Revised work plan for determining the economic feasibility of the additional methods identified by the Panel. 2. List of data that must be requested from Cruise Industry and other sources. 3. List of other data to obtain and plan for obtaining it.
10:00 a.m. – 10:30 a.m.		Break		
10:30 a.m. – 12:00 p.m.	Hermann Josef Mammes, Meyer Werft Melissa Goldstein, ADEC	Review information collected from vendors by Thomas, Hermann and Melissa	Information collected from vendors will be presented.	<ol style="list-style-type: none"> 1. A summary of available cost data from vendors to use for economic analysis. 2. Identify how to manage data gaps and what assumptions to use.
12:00 p.m. – 1:30 p.m.		No host Lunch		
1:30 p.m. – 2:30 p.m.	Krista Webb, OASIS	Parking Lot	Address topics that were not able	

Time	Presenter/ Facilitator	Task	Details	Outcome Deliverables
			to be discussed earlier.	
2:30 p.m. – 3:00 p.m.	Krista Webb, OASIS	Review comments and additions to Report/Outline draft	Review report draft section by section and review Panelist comments and revisions. Identify where new information or discussion text created by Panel during this meeting will be inserted.	<ol style="list-style-type: none"> 1. All comments and revisions to Report to this point will be resolved and approved by Panel. 2. Data gaps identified and responsible party identified.
3:00 p.m. – 3:30 p.m.		Break		
3:30 p.m. – 4:30 p.m.	Krista Webb, OASIS	Continue review comments and additions to Report draft	Review section by section and review Panelist comments and revisions. Identify where new information created by Panel during this meeting will be inserted.	<ol style="list-style-type: none"> 3. All comments and revisions to Report to this point will be resolved and approved by Panel. 4. Data gaps identified and responsible party identified.
4:30 p.m. – 5:00 p.m.	Krista Webb, OASIS	Public Comment		
5:00 p.m. Adjourn				

Friday September 23, 2011 – Conference Room at Goldbelt

Time	Presenter/ Facilitator	Task	Details	Outcome Deliverables
8:00 a.m. – 8:15 a.m.		Sign in		
8:15 a.m. – 11:00 a.m.		Work on Report in small groups	Panel break into 3 groups to revise, outline, and compose individual sections of the report	1. Panel input to revised report completed.
11:00 a.m. 12:00 p.m.	Krista Webb	Overview and Summary, identify next steps	Review upcoming meetings, what Panel has accomplished, and what remains to be done.	<ol style="list-style-type: none"> 1. Dates for individual deliverables finalized 2. Date for meeting identified 3. Additional text or revisions provided to Krista for compilation
12:00 p.m. Adjourn				