

ALASKA
Department of
Environmental
Conservation

Department of Environmental Conservation (DEC)

**Cruise Ship Waste Water Science Advisory Panel
Meeting #2**

Centennial Hall, Egan Room

Juneau Alaska

June 10 - 11, 2010

Panel members

Mark Buggins*

Ira Donovan^

Kenneth Fisher

Juha Kiukas

Lamberto Sazon

Lincoln Loehr**

Hermann-Josef Mannes ^^

Steve Reifentuhl***

Michelle Ridgway****

Dr. Silke Schiewer

Dr. Simon Veronneau

Municipality of Sitka

Burns and McDonnell

EPA

Ecomarine

United States Coast Guard

Stoel Rives LLP

Meyer Werft

Southeast Herring Conservation Alliance

Oceanus Alaska Environmental Services

University of Alaska Environmental Engineering

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.

*** Steve Reifentuhl fills the legislatively mandated commercial fishing industry Panel seat.

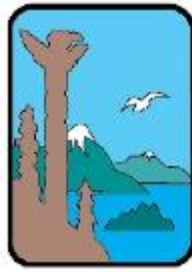
**** Michelle Ridgway fills the legislatively mandated NGO Panel seat.

^ Ira Donovan is the alternate for Dr. Reinaldo Gonzales.

^^ Hermann-Josef Mannes is the alternate for Thomas Weigend.

Meeting Objectives

- Review OASIS/DEC feasibility study
- Review and evaluate source reduction evaluation plans and DEC summary
- Review existing on-board wastewater treatment systems
- Provide follow-up information based upon previous Panel information requests
- Panel decision regarding how to find out about existing, new, and emerging technologies



ALASKA
Department of
Environmental
Conservation

Draft Agenda

Thursday June 10, 2010

8:00 a.m. - 8:15 a.m.

Sign In

8:15 a.m. - 9:00 a.m. JoAnn Grady - Facilitator

- Welcome and introductions
- Review, approve, and finalize draft agenda *Draft Agenda*
- Finalize, approve, and adopt the SAP Charter *Draft Charter*

9:00 a.m. – 10:15 a.m. Presentation of the Final Feasibility Study –
Max Schwenne, OASIS Environmental,
*Feasibility Study: Reducing Concentrations of Dissolved Metals and Ammonia in
Large Passenger Vessel Wastewater Discharges, Final 2010*

10:15 a.m. – 10:30 a.m.

Break

10:30 a.m. – 12:00 p.m. Presentation of the Source Reduction Evaluation Reports
Summary – Albert Faure & Ed White -DEC *DEC SRE Summary*
(Panel members are encouraged to bring a laptop to the meeting. DEC will provide a CD of
the industry SRE Reports and DEC SRE Summary. DEC will provide a hard copy of the
DEC SRE Summary at the meeting.)

12:00 - 1:00 p.m.

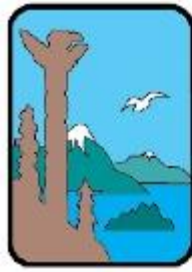
No-host Lunch

1:00 p.m. – 2:00 p.m. Albert Faure & Ed White, DEC

- Continue: Presentation of the Source Reduction Evaluation Summary
- Panel comments/questions/discussions on the SRE Summary

2:00 p.m. – 3:00 p.m. Review of existing panel request for information/documents

- Review arrangements between Princess Cruise Lines and City and Borough of
Juneau Water Treatment Plant - Scott Jeffers, CBJ Treatment Plant and Jim
Dorn, Carson Dorn
 - Review details of shore-based domestic wastewater treatment facilities at
Alaska cruise ship ports.
 - Technology used



ALASKA
Department of
Environmental
Conservation

- Effluent quality
- Current volumes
- Current capacities
- Operating costs

3:00pm – 3:15 p.m.

Break

3:15 pm – 3:45 p.m.

- Continue review of panel request for information/documents
 - Review ‘gold standard’ in city wastewater treatment: Ira Donovan

3:45 p.m. – 4:15 p.m.

- Public comment
- Review action items

Friday June 11, 2010

8:00 a.m. - 8:15 a.m.

Sign In

8: 15 a.m. – 9:15 a.m.

Discussion of how the Panel would like to find out more about existing, new, and emerging technologies – JoAnn Grady

- Review of Panel tasks and reports (based on Process Document)
- Report Outlines
- Technology Workshop Planning
- DEC Staff tasking: Identify and prioritize information requests
 - Panel will develop their list of document requests/action items.

9:15 a.m. – 9:45 a.m.

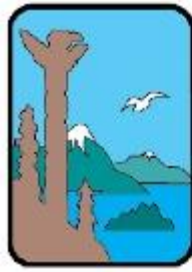
- Final Cruise Ship Wastewater Permit-Lynn Kent, DEC *Cruise Ship WW Permit*

9:45 a.m. - 10:15 a.m.

Public comment

10:15 a.m. - 10:45 a.m.

Next meeting planning – bring calendars



ALASKA
Department of
Environmental
Conservation

10:45 a.m. – 1:30 p.m.

Break

1:30 p.m. – 3:00 p.m.

Science Panel Member Tour of the Island Princess (Hamworthy)

3:30 p.m. – 5:00 p.m.

Science Panel Member Tour of the Holland America Volendam (Zenon)

Saturday June 12, 2010

8:00 a.m. – 10:00 a.m.

Panel member tours of the Carnival Spirit (Rochem)

3:00 p.m. – 4:30 p.m.

Panel member tours of the Seven Seas Navigator (Scanship)

Adjourn