

## **Timeline Requirements for CS for CSHB 134 (RES)**

**March 2008** – DEC issued a **general permit** (*scheduled to expire March 2013*). Permit gave relief from meeting the water quality standards (WQS) at the “point of discharge” for four pollutants (ammonia, copper, nickel, and zinc) through the 2009 cruise season.

**April 2010** – DEC issued a new **general permit** (expires March 2013). Permit was based on the February 2009 technology review and conference hosted by DEC; most recent monitoring data; and included limits for stationary and underway vessels for ammonia, copper, nickel, and zinc based on the type of advanced wastewater treatment system currently on the vessel. The February 2009 technology conference show and report indicate that there are no treatment options currently available for installation on cruise ships that would allow them to consistently meet “at the point of discharge” requirements for these four pollutants.

**Fall 2012** – DEC will host a **technology conference**, with assistance from the Science Advisory Panel.

**January 2013** – DEC will provide preliminary **report to the Legislature** on conference and status of the Science Advisory Panel’s work and recommendations.

**March 2013** – DEC will issue a **general permit** (expires March 2016) again - even if the Fall 2012 technology conference indicates WQS can’t be met yet “at the point of discharge” for all pollutants.

**Fall 2014** – DEC will host **technology conference** with assistance from the Science Advisory Panel, if cruise ships are not yet meeting the “at the point of discharge” requirement for all pollutants.

**January 2015** – DEC will provide a final **report to the Legislature** on conference and status of the Science Advisory Panel’s work and recommendations.

**March 2016** - DEC will issue a **general permit** (expires March 2021) again – requiring all vessels discharging in Alaska waters to meet WQS at the “point of discharge” regardless of the status or availability of technology to do so.