

# STATE OF ALASKA

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF WATER  
CRUISE SHIP PROGRAM**

**SEAN PARNELL, GOVERNOR**

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ADEC File Number: 920.45.023

May 18, 2010

George Wright  
Princess Cruise Lines, Ltd.  
24305 Town Center Drive  
Santa Clarita, CA 91355

Re: **Authorization 2009DB0026-0012, *Sapphire Princess***

Dear Mr. Wright:

The Alaska Department of Environmental Conservation (DEC) has completed its review of the Notice of Intent (NOI) for the *Sapphire Princess* to discharge wastewater under the Large Commercial Passenger Vessel Wastewater Discharge General Permit (GP) No 2009DB0026 and is issuing the enclosed authorization 2009DB0026-0012.

DEC reviewed the Notice of Intent received from Princess Cruise Line, Ltd on May 11, 2010, the supplemental information that we received on May 14, 2010, and the updated Vessel Specific Sampling Plan that we received on May 14, 2010. Based upon that review, the *Sapphire Princess* has been authorized for the underway discharge of mixed blackwater and graywater that has been treated through the Hamworthy Membrane Bioreactor wastewater treatment system into Alaska marine waters. The *Sapphire Princess* has also been authorized to continuously discharge only graywater that has been treated through the Hamworthy Membrane Bioreactor wastewater treatment system into Alaska marine waters.

The *Sapphire Princess* must sample (twice per month) the treated graywater only that will be discharged into Alaska marine waters continuously. This wastewater stream will be subject to Table 1 and Table 2 (Daily Maximum Continuous). The *Sapphire Princess* must also sample (twice per month) the combined treated graywater and blackwater that will be discharged into Alaska marine waters only while the vessel is underway. This wastewater stream will be subject to Table 1 and Table 2 (Daily Maximum Underway). This will result in a total of four samples per month. All other permit conditions and deadlines must also be met.

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195 - 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Director of Water, 555 Cordova Street, Anchorage, Alaska 99501, within 15 days of receipt of the permit decision. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Ave., Suite 303, P.O. Box 111800, Juneau, Alaska 99811-1800, within 30 days from the date of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

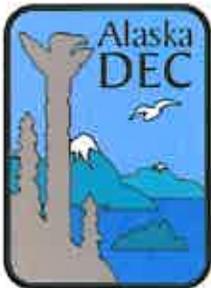
If you have any technical questions concerning this authorization, please contact Denise Koch at [denise.koch@alaska.gov](mailto:denise.koch@alaska.gov) or (907) 465-5312.

Sincerely,

A handwritten signature in black ink, appearing to read "Denise Koch", written in a cursive style.

Denise Koch  
Cruise Ship Program Manager

Enclosure: Authorization 2009DB0026-0012



**Alaska Department of Environmental Conservation**

**Division of Water**

**Cruise Ship Program**

**AUTHORIZATION TO DISCHARGE**

**AUTHORIZATION TO DISCHARGE UNDER THE LARGE COMMERCIAL PASSENGER VESSEL  
WASTEWATER DISCHARGE GENERAL PERMIT NO. 2009DB0026**

**FACILITY ASSIGNED AUTHORIZATION NUMBER: 2009DB0026-0012**

**GENERAL PERMIT NUMBER: 2009DB0026**

See this General Permit for all permit requirements.

The following facility is authorized to discharge in accordance with the terms of the State of Alaska General Permit 2009DB0026 and any specific requirements listed in this authorization.

The authorization effective date is **May 18, 2010**.

The authorization to discharge shall expire at midnight, **April 22, 2013**.

The permittee must reapply for an authorization on or before **March 22, 2013** if the permittee intends to continue operations and discharges from the facility.

**SECTION 1 – RESPONSIBLE PARTY INFORMATION**

Issued to: Princess Cruise Line, Ltd.

**SECTION 2 – FACILITY INFORMATION**

ADEC File Number 920.45.023

Facility Name: *Sapphire Princess*

Type of Wastewater Authorized for Discharge:

1. Combined treated graywater and treated blackwater while underway.
2. Only treated graywater while stationary.

Type of Wastewater Treatment System and Disinfection: Hamworthy Membrane Bioreactor MBR

Type of Authorization:

1. Authorized for underway discharge of graywater and blackwater that has been treated through a Hamworthy wastewater treatment system configuration as approved by the Department in the current Vessel Specific Sampling Plan (VSSP).

2. Also authorized to continuously discharge a separate stream of only graywater that has been treated through a Hamworthy wastewater treatment system configuration as approved by the Department in the current Vessel Specific Sampling Plan (VSSP).

**SECTION 3 – REGULATED DISCHARGE INFORMATION – EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

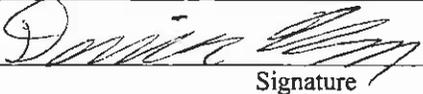
<b>Effluent Compliance Point:</b>	Wastewater effluent sampling port(s) identified in the Department approved Vessel Specific Sampling Plan.
<b>Special Conditions:</b>	The <i>Sapphire Princess</i> will need to take four samples (two per month for both waste streams) for each of the parameters in Table 1 and Table 2 of the permit that have effluent limits.
<b>Discharge Monitoring Report (DMR)</b>	The <i>Sapphire Princess</i> must submit a DMR with effluent limits for the Hamworthy wastewater treatment system that is found at the back of the GP or available on the Department's website ( <a href="http://www.dec.state.ak.us/water/cruise_ships/gp/10gp.html">http://www.dec.state.ak.us/water/cruise_ships/gp/10gp.html</a> ) or on a similar form approved by the Department. The ship will need to meet the effluent limits found in Table 1 and Table 2 of the permit.

**SECTION 4 – RECEIVING AREA INFORMATION-RECEIVING WATER**

Receiving Area Name: Marine waters of the state of Alaska as defined in the general permit, 2009DB0026.

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact Denise Koch at (907) 465-5312 or [denise.koch@alaska.gov](mailto:denise.koch@alaska.gov).

**SECTION 5 – CERTIFICATION/SIGNATURE**

	May 18, 2010
Signature	Date
Denise Koch	Cruise Ship Program Manager
Printed Name	Title