AUTHORIZATION TO DISCHARGE

Alaska Department of Environmental Conservation
Division of Water
CPVEC Program

AUTHORIZATION TO DISCHARGE UNDER THE LARGE COMMERCIAL PASSENGER VESSEL WASTEWATER DISCHARGE GENERAL PERMIT NO. 2013DB0004

FACILITY ASSIGNED AUTHORIZATION NUMBER: 2013DB0004-0006

***GENERAL PERMIT NUMBER:* 2013DB0004**
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 2013DB0004 and any specific requirements listed in this authorization.

The authorization effective date is **April 29, 2015.**

The authorization to discharge shall expire at midnight, **on the expiration or termination date of General Permit 2013DB0004 (August 28, 2019)** unless notified by the Department.

The permittee must reapply for an authorization when the Department issues a General Permit that replaces 2013DB0004 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:	920.45.043
Authorization Number	*2013DB0004-0006*
Facility Name:	Crown Princess
Type of Facility	Large Commercial Passenger Vessel
Type of Wastewater Authorized for Discharge:	Treated mixed, black and greywater or greywater only - additional special conditions for discharge apply (see below).
Type of Wastewater Treatment System:	Hamworthy Membrane Bioreator
Type of Authorization:	Authorized for discharge of wastewater treated through a Hamworthy Membrane Bioreator wastewater treatment system configuration as

	approved by the Department in the current Vessel Specific Sampling Plan while underway at speeds greater than 6 knots. Authorization for discharge of greywater, only, treated through a Hamworthy Membrane Bioreactor wastewater treatment system while stationary or at speeds less than 6 knots.

SECTION 3 – REGULATED DISCHARGE INFORMATION – EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS	
Effluent Compliance Point:	Wastewater effluent sampling port(s) identified in the Department approved Vessel Specific Sampling Plan and Notice of Intent.
Effluent Limitations	Table 3 of the General Permit for discharges underway at speeds greater than 6 knots. Table 4 of the General Permit for discharges while stationary or at speeds less than 6 knots.
Special Conditions:	The Crown Princess is not authorized to discharge treated blackwater into Alaska marine waters while stationary or at speeds less than 6 knots.
Monitoring Requirements	Tables 5 and 6 of the General Permit including Receiving Water Monitoring, and WET testing in 2017, and any other applicable monitoring requirements in the General Permit
Discharge Monitoring Report (DMR)	The Crown Princess must submit a monthly DMR with effluent limits that is available on the Department's website: (http://dec.alaska.gov/water/cruise_ships/gp/2014gp.html) or on a similar form approved by the Department.

SECTION 4 – RECEIVING AREA INFORMATION-RECEIVING WATER	
Receiving Area Name:	Marine waters of the state of Alaska as defined in the General Permit
Underway Mixing Zone Description:	63 meters in length, 5 meters in width, and a depth from the water surface to the depth the discharge port is below the water surface plus one meter. The shape of the mixing zone is an elongated rectangle that extends from the discharge port towards the stern of the ship.
Stationary Mixing Zone Description:	Radius of 83 meters and a depth from the water surface to the depth the discharge port is below the water surface plus one meter. The mixing zone will extend away from the hull of the vessel in a semicircle centered on the discharge port. Mixing zone description for Skagway, AK Ore or Broadway Docks may differ.
Skagway Discharge at Ore or Broadway Docks	N/A, no application for discharge in Skagway, AK at Ore or Broadway Docks was submitted. If seeking a discharge at Ore or Broadway Docks, a revised NOI would need to be submitted, and approval from the Department would be required.

SECTION 5 – ADDITIONAL TERMS AND CONDITIONS (GP 4.3.2)

Skagway Discharges	The Crown Princess is not authorized to discharge blackwater into Alaska marine waters while stationary or at speeds less than 6 knots.

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact the Cruise Program Manager at (907) 465-5320.

SECTION 5 – CERTIFICATION/SIGNATURE

Edward G. White
Signature

4/29/2015
Date

Edward E White
Printed Name

EPS III, ADEC CPVEC
Title