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: 2013DB0004-0004

***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 **July 18, 2018.**

The authorization to discharge shall expire at midnight, **on the expiration or termination date of General Permit 2013DB0004** 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:	Regatta Acquisition LLC

SECTION 2 – FACILITY INFORMATION	
ADEC File Number:	920.45.035
Authorization Number	*2013DB0004-0011 Rev1*
Facility Name:	*M/S Regatta*
Type of Facility	Large Commercial Passenger Vessel
Type of Wastewater Authorized for Discharge:	Treated Wastewater (Blackwater and Graywater)
Type of Wastewater Treatment System:	Triton AWTS units as listed in VSSP
Type of Authorization:	Authorized for discharge of wastewater treated through one or both Triton wastewater treatment system configurations as approved by the Department in the current Vessel Specific Sampling Plan.

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.
Effluent Limitations	Table 4 of the General Permit
Special Conditions:	The *M/S Regatta* is authorized to discharge treated wastewater into Alaska marine waters. From both or any one of the Triton AWTS units.
Monitoring Requirements	Table 4, 5, and 6 of the General Permit, and any other applicable monitoring requirements in the General Permit
Discharge Monitoring Report (DMR)	The *M/S Regatta* must submit a monthly DMR with effluent limits that is available on the Department's website: (http://dec.alaska.gov/water/cruise-ships/cruise-gp/) 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.
Skagway Discharge at Ore or Broadway Docks	Radius of 15 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.

SECTION 5 – ADDITIONAL TERMS AND CONDITIONS (GP 4.3.2)	
Item	No additional terms or conditions

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact the Cruise Program Manager at (907) 465-5138.

SECTION 6 – CERTIFICATION/SIGNATURE

Edward E White
Signature

7/18/2018
Date

Edward E White
Printed Name

EPM I, CPVEC ADEC
Title

NOTICE OF INTENT FORM

Notice of Intent to be covered under the Wastewater General Permit 2013DB0004 for Large Commercial Passenger Vessels Operating in Alaska (See Sections 2 and 3 of the permit.)	
Submission of this document constitutes a request that certain discharges into marine waters of the state resulting from the operation of the large commercial passenger vessels identified herein be authorized under General Permit 2013-DB0004.	
Vessel Owner Information	
Who is the main point of contact for the vessel? (e.g. owner, operator, or Alaska Agent): Operator	
Vessel Owner's Business Name: Regatta Acquisition LLC	
Mailing Address: 7665 Corporate Center Dr Miami FL, 33126	Phone: [redacted]
Representative: Robin Lindsay	[redacted]
Vessel Owner's or Operator's Alaska Agent Information	
Company Name: Cruise Line Agencies of Alaska	
Mailing Address: Cruise Line Agencies of Alaska PO Box 21507 Juneau, AK 99802	Phone: [redacted]
Representative: Andrew Greene	Email: Juneau@claalaska.com
Vessel Operator's Business Name if Different From the Owner's Business Name	
Vessel Operator's Business Name: NCL (Bahamas) Ltd	
Mailing Address: 7665 Corporate Center Dr	Phone: [redacted]

Miami FL 33126	
Representative: Sarah Ferguson-Brown	Email: [redacted]

Vessel Information (Y/N)	
Are you seeking authorization to discharge with a mixing zone?	**Yes**
Are you seeking authorization to discharge while moving at 6 knots or greater?	Yes
Are you seeking authorization to discharge while moving at under 6 knots?	Yes
Are you seeking authorization to discharge while in Skagway at Broadway or Ore Docks?	Yes
If the permittee is seeking authorization which includes a mixing zone, attach (may be emailed separately) a drawing to scale that indicates the length of the vessel and the locations of all wastewater effluent penetration points (ports) on the hull.	
Vessel Name:	M/S Regatta
Vessel IMO Number:	9156474
Vessel Gross Tonnage:	30277
Port of Registry:	Majuro
Maximum Passenger Capacity per Voyage:	777
Maximum Crew Capacity per Voyage:	400
Vessel Draft[1]:	6 Meters
Vessel Length in Meters at Waterline[2]:	181.3 Meters
Vessel Tracking	
Method of submitting hourly vessel tracking information while in Alaskan waters (Marine Exchange of Alaska AIS or other Department approved method):	
Name, physical address, and mailing addresses of the service:	Marine Exchange of Alaska 1000 Harbor Way Suite 204 Juneau, AK 99801
Contact's name, email address, and phone number:	Main Telephone – 907-463-2607 Main Fax – 800-682-2898 Network Operations Control Center Fax – 907-463-3654 [redacted]4
Discharge Port Characteristics **Note: If there is more than one discharge port, attach a sheet with the characteristics below for**	

[1] Vessel draft under a) loaded condition for Alaska operations (bunkers / waste water storage etc.) and b) under light ship conditions for Alaska operations (bunkers empty / no waste water storage etc.)
[2] Length of Waterline (LWL) under normal load in standard Alaska conditions.

each AWTS Port. If more than one discharge pump attach sheet with capacity for each.			
Discharge Port Name[3]:	E, F	Location (Starboard/Port):	Starboard
Discharge Port Internal Diameter:	DN65	Discharge Port Centerline Vertical Distance from Keel:	2.5 m
Discharge Port Distance from Bow at Waterline (normal load):	80 m	Discharge Port Centerline Vertical Distance from Waterline (normal load)[4]:	3.5 m
Discharge Port shape (round, oval, square):	Round	Discharge Port Pump Capacity (m^3/hr) for each Pump[5]:	8.0 m^3/hr
Discharge Port Vertical Angle Relative to Waterline[6]:	0°	Discharge Port Horizontal Angle Relative to Centerline[7]:	0°

Discharge Port Characteristics **Note: If there is more than one discharge port, attach a sheet with the characteristics below for each AWTS Port. If more than one discharge pump attach sheet with capacity for each.**			
Discharge Port Name[8]:	E, F	Location (Starboard/Port):	Port
Discharge Port Internal Diameter:	DN65	Discharge Port Centerline Vertical Distance from Keel:	2.5 m
Discharge Port Distance from Bow at Waterline (normal load):	80 m	Discharge Port Centerline Vertical Distance from Waterline (normal load)[9]:	3.5 m
Discharge Port shape (round, oval, square):	Round	Discharge Port Pump Capacity (m^3/hr) for each Pump[10]:	8.0 m^3/hr

[3] Name or identification as used in VSSP and Waste Water Discharge Logbook.
[4] Vertical distance from the vertical centerline of the discharge port relative to the standard (loaded) conditions waterline.
[5] Treated wastewater discharge pump for the named discharge port. For vessels with variable speed / capacity pumps identify the effective discharge capacities. For vessels with more than one pump simultaneously operated identify the total effective pump capacities.
[6] Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) vertically directed to the center plane of the hull (Y-Y axis).
[7] Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) horizontally directed to the vertical center plane of the hull (X-X axis).
[8] Name or identification as used in VSSP and Waste Water Discharge Logbook.
[9] Vertical distance from the vertical centerline of the discharge port relative to the standard (loaded) conditions waterline.

Discharge Port Vertical Angle Relative to Waterline[11]:	0°	Discharge Port Horizontal Angle Relative to Centerline[12]:	0°

Wastewater Discharge Information		
Estimates of the average and maximum volume of the wastewater to be discharged per 24 hour period (in cubic meters), and the beginning and ending dates between which discharges may occur the first year of the permit;	Average:	220 m^3
	Maximum:	260 m^3
	Startup Date:	May 12, 2015
	Ending date:	Aug 29, 2016
The type, number, and combined maximum design capacity in cubic meters per 24 hour period of all advanced wastewater treatment systems (AWTS) onboard;	Type (s) (including manufacturer, model name, model number, and year built):	Triton Water Membrane Bioreactors, MSTP8-MF MEPC Type II, in accordance with MEPC159(55)
	Number of AWTS:	2 Redundant AWTS Membrane Bioreactors
	Combined design capacity:	240 m^3/ day (each) 480 m^3/ day total
Type(s) of sewage treatment and system capacity in cubic meters per 24 hour period;	Type (s) (including manufacturer, model name, model number, and year built): Triton Water Membrane Bioreactors, MSTP8-MF MEPC Type II, in accordance with MEPC159(55) Combined design capacity: 260 m^3	
Type(s) of graywater treatment and system capacity in cubic meters per 24 hour period;	Type (s) (including manufacturer, model name, model number, and year built): Triton Water Membrane Bioreactors, MSTP8-MF MEPC Type II, in accordance with MEPC159(55) Combined design capacity: 260 m^3	
Average volume of sewage	10 m^3	

[10] Treated wastewater discharge pump for the named discharge port. For vessels with variable speed / capacity pumps identify the effective discharge capacities. For vessels with more than one pump simultaneously operated identify the total effective pump capacities.

[11] Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) vertically directed to the center plane of the hull (Y-Y axis).

[12] Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) horizontally directed to the vertical center plane of the hull (X-X axis).

generation per day in cubic meters;	
Maximum volume of sewage generation per day in cubic meters;	15 m^3
Average graywater generation per day in cubic meters for the following sources;	Accommodations: 170 m^3 Galley: 120 m^3 Laundry: 40 m^3 Other (list types and volumes):
Maximum graywater generation per day in cubic meters for the following sources;	Accommodations: 200 m^3 Galley: 150 m^3 Laundry: 50 m^3 Other (list types and volumes):

The method of handling and disposal of sludge and biosolids produced from the treatment of sewage and graywater.

Sewage holding tanks port and Stbd ; discharging overboard >12 NM discharging rate according ship's speed and draft. Capacity 42 m3 Port and 42 m3 Stbd.

Signature and Certification for NOI

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Responsible Corporate Officer	Printed Name
[redacted]	
Title/Company Executive Vice President – Vessel Operations	Date 07/17/2018

Submit this Notice of Intent to:

Commercial Passenger Vessel Environmental Compliance Program
Division of Water
Alaska Dept. of Environmental Conservation
410 Willoughby Avenue, Suite 303
PO Box 111800
Juneau, AK 99811-1800