

## 2018 Small<sup>1</sup> Commercial Passenger Vessels Wastewater Treatment

Vessel Operator	Vessel Name	Passenger Capacity <sup>3</sup>	Crew Capacity	Voyages	Maximum Total Passengers	Blackwater Treatment System Manufacturer	Units	BMP	Discharging in Alaska <sup>2</sup> & Subject to sampling program	
									BW	GW
1 Alaska Marine Highway	<i>Columbia</i>	625	66	Apr-Oct	N/A	Omnipure 15MX	4	Yes	Yes- Mixed	
2 Alaska Marine Highway	<i>Kennicott</i>	748	42	Year Rd.	N/A	Orca II 500	3	Yes	Yes-Mixed	
3 Alaska Marine Highway	<i>Malaspina</i>	500	50	Jan-April	N/A	Omnipure 15MX	3	Yes	Yes-Mixed	
4 Alaska Marine Highway	<i>Matanuska</i>	498	50	Year Rd.	N/A	Omnipure 15MX	3	Yes	Yes-Mixed	
5 Alaska Dream Cruises	<i>Admiralty Dream</i>	66	21	18	1188	Omnipure 12M	1	Yes	Yes	Yes
6 Alaska Dream Cruises	<i>Chichagof Dream</i>	78	27	18	1404	Orca II A-500 MSD	1	Yes	Yes- Mixed	
7 American Cruise Lines	<i>American Constellation</i>	173	46	13	2249	Marine Fast MSD	1	Yes	Yes- Mixed	
8 Hapag-Lloyd	<i>Bremen</i>	155	94	1	155	Hamworthy RT 80		N/A	No	No
9 Lindblad/Nat. Geographic	<i>National Geographic Quest</i>	100	50	18	1800	Gertsen & Olufsen Bioreactor	1	Yes	Yes	
10 Lindblad/Nat. Geographic	<i>National Geographic Sea Bird</i>	62	28	18	1116	Omnipure 12MX	1	Yes	Yes	Yes
11 Lindblad/Nat. Geographic	<i>National Geographic Sea Lion</i>	62	28	16	992	Omnipure 12M	1	Yes	Yes	Yes
12 Silver Expeditions	<i>Silver Explorer</i>	150	130	6	900	AquaMaster Unex Bio 200 E	1	Yes	Yes- Mixed	
13 Un-Cruise Adventures	<i>Safari Endeavor</i>	86	35	17	1462	Omnipure 12M5508	2	Yes	Yes	Yes
14 Un-Cruise Adventures	<i>S.S. Legacy</i>	92	34	15	1380	Red Fox RF-2000-FP	1	Yes	Yes	Yes
15 Un-Cruise Adventures	<i>Wilderness Adventurer</i>	74	23	25	1850	Omnipure 12MX	1	Yes	Yes-Mixed	
16 Un-Cruise Adventures	<i>Wilderness Discoverer</i>	78	24	15	1170	Omnipure 12MX	1	Yes	Yes-Mixed	
17 Un-Cruise Adventures	<i>Wilderness Explorer</i>	76	26	23	1748	Red Fox RF-2000-FP	1	Yes	Yes	Yes
18 Windstar	<i>Star Legend</i>	212	155	11	2332	Rochem Biofiltration 18/27-10	1	Yes	Yes- Mixed	
			<b>Totals</b>	<b>214</b>	<b>19,746</b>					

<sup>1</sup>A small vessel has overnight accommodations for 50 to 249 passengers.

<sup>2</sup>Alaska water extends 3 miles from the coastline and includes the Alexander Archipelago.

<sup>3</sup>Based on lower berths for small cruise ships and capacity for ferries.

Vessels highlighted in gray in the above table registered for no discharge of wastewater in Alaskan waters this year.