

2009 Small¹ Commercial Passenger Vessels Wastewater Treatment

	Vessel Operator	Vessel Name	Passenger Capacity (lower berth)	Crew Capacity	Voyages	Maximum Total Passengers	Blackwater Treatment System Manufacturer	Discharging in Alaska ² & Subject to sampling program	
								BW	GW
1	Alaska Marine Highway System	<i>Columbia</i>	157	66	Year Rd.	N/A	Omnipure	Yes	Yes
2	Alaska Marine Highway System	<i>Kennicott</i>	162	42	Year Rd.	N/A	Orca	Yes	Yes
3	Alaska Marine Highway System	<i>Malaspina</i>	138	50	Year Rd.	N/A	Omnipure	Yes	Yes
4	Alaska Marine Highway System	<i>Matanuska</i>	136	50	Year Rd.	N/A	Omnipure	Yes	Yes
5	Alaska Marine Highway System	<i>Taku</i>	55	42	Year Rd.	N/A	Effluent Technology	Yes	Yes
	Cruise West	<i>Spirit of Columbia</i>	80	21	31	2480	Omnipure	Yes	Yes
	Cruise West	<i>Spirit of Discovery</i>	95	21	29	2755	Red Fox	Yes	Yes
	Cruise West	<i>Spirit of Endeavour</i>	109	28	18	1962	Omnipure	Yes	Yes
	Cruise West	<i>Spirit of Oceanus</i>	114	64	7	798	Hamworthy	Yes	Yes
	Cruise West	<i>Spirit of Yorktown</i>	138	37	16	2208	Omnipure 12MX824-27	Yes	Yes
	Hapag-Lloyd	<i>Bremen</i>	188	100	2	376	Unknown	No	No
	Hapag-Lloyd	<i>Hanseatic</i>	188	120	4	752	Unknown	No	No
	National Geographic	<i>Sea Bird</i>	63	28	19	1197	Omnipure 12M	Yes	Yes
	National Geographic	<i>Sea Lion</i>	63	28	18	1134	Omnipure 12M	Yes	Yes
	ISP	<i>Clipper Odyssey</i>	128	76	4	512	Consillium Neptumatic	Yes	Yes
					Totals	148	14174		

¹A small vessel has overnight accommodations for 50-249 passengers. A large vessel has overnight accommodations for 250 or more passengers.

²Alaska water extends 3 miles from the coastline and includes the Alexander Archipelago. Vessels discharging in Alaska water must sample their wastewater twice per season.

Not Discharging in AK waters