Alaska Department of Environmental Conservation Based on preliminary data as of 4/11/2013

2013 Large[1] Commercial Passenger Vessel Discharge Status and Wastewater Treatment

	Vessel Operator	Vessel Name	Passenger Capacity	Voyages	Total Passengers [5]	Crew Capacity	Blackwater (BW) Treatment System	Graywater (GW) Treatment if different	Permitted to discharge in Alaska in 2013[3]		Alaska DEC Approval Discharge Type
									BW	GW	
1	Carnival Cruise Lines	*Carnival Miracle*	2124	19	40,356	Unknown	Unknown		No	No	N/A
2	Celebrity Cruises	*Century*	1812	20	36,240	Unknown	Unknown		No	No	N/A
3	Celebrity Cruises	*Millennium*	2449	18	44,082	1001	Hydroxyl Cleansea		No	No	N/A
4	Celebrity Cruises	*Solstice*	2852	17	48,484	Unknown	Krüger/Wabag		No	No	N/A
5	Crystal Cruises	*Symphony*	975	1	975	Unknown	Unknown		No	No	N/A
6	Disney	*Wonder*	2834	15	42,510	920	Hamworthy Bioreactor		Yes	Yes	Underway
7	Le Ponant	*Le Soleal*	264	1	264	Unknown	Unknown		No	No	N/A
8	Holland America	*Amsterdam*	1380	17	23,460	647	Unknown	Unknown	No	No	N/A
9	Holland America	*Oosterdam*	1916	21	40,236	800	Unknown	Unknown	No	No	N/A
10	Holland America	*Statendam*	1260	21	26,460	588	Zenon		Yes	Yes	Continuous
11	Holland America	*Volendam*	1432	22	31,504	647	Zenon		Yes	Yes	Continuous
12	Holland America	*Westerdam*	1916	20	38,320	Unknown	Rochem Bio-filtration	Ovivo	No	No	N/A
13	Holland America	*Zaandam*	1432	19	27,208	647	Zenon		Yes	Yes	Continuous
14	Holland America	*Zuiderdam*	1916	20	38,320	Unknown	Rochem Bio-filtration	Unknown	No	No	N/A
15	Norwegian Cruise Lines	*Norwegian Jewel*	2376	18	42,768	1100	Scanship		Yes	Yes	Underway
16	Norwegian Cruise Lines	*Norwegian Pearl*	2394	20	47,880	1100	Scanship		Yes	Yes	Underway
17	Norwegian Cruise Lines	*Norwegian Sun*	1936	18	34,848	950	Scanship		Yes	Yes	Underway
18	Oceania	*Regatta*	777	13	10,101	373	Triton		Yes	Yes	Continuous
19	Princess Cruise Line	*Coral Princess*	1974	18	35,532	900	Hamworthy Bioreactor		Yes	Yes	Underway
20	Princess Cruise Line	*Diamond Princess*	2678	20	53,560	1238	Hamworthy Bioreactor		Yes	Yes	Underway
21	Princess Cruise Line	*Golden Princess*	2636	19	50,084	1060	Hamworthy Bioreactor		Yes	Yes	Continuous (GW only), Underway (BW)
22	Princess Cruise Line	*Grand Princess*	2606	13	33,878	1100	Hamworthy Bioreactor		Yes	Yes	Continuous (GW only), Underway (BW)
23	Princess Cruise Line	*Island Princess*	1974	19	37,506	900	Hamworthy Bioreactor		Yes	Yes	Underway
24	Princess Cruise Line	*Sapphire Princess*	2678	19	50,882	1238	Hamworthy Bioreactor		Yes	Yes	Continuous (GW only), Underway (BW)
25	Princess Cruise Line	*Star Princess*	2598	19	49,362	1150	Hamworthy Bioreactor		Yes	Yes	Continuous (GW only), Underway (BW)
26	Prestige Cruises	*Seven Seas Navigator*	544	15	8,160	350	Scanship		Yes	Yes	Underway
27	Royal Caribbean Cruises	*Radiance of the Seas*	2502	17	42,534	859	Unknown		No	No	N/A
28	Royal Caribbean Cruises	*Rhapsody of the Seas*	2435	15	36,525	Unknown	Unknown		No	No	N/A
29	Silver Seas	*Silver Shadow*	382	16	6,112	305	Bio Epure/Marisan		Yes	Yes	Continuous
			Totals	**490**	**978,151**						

Vessels highlighted in gray in the above table have registered that they will not discharge wastewater in Alaskan waters in 2013.

[1] A large vessel has overnight accommodations for 250 or more passengers.

[2] Capacity is the number of lower berths and is calculated from Registration, Vessel Specific Sampling Plan, or Notice of Intent. Actual number of passenger aboard varies.

[3] Alaska water includes the Alexander Archipelago and extends 3 miles from the coastline. Only vessels that discharge into Alaska waters are required to meet wastewater sampling and reporting requirements.

[4] Galley graywater not discharged

[5] Assumes full capacity on every voyage