## 2020 Small<sup>1</sup> Commercial Passenger Vessels Discharge Status & Wastewater Treatment

						<u>.</u>	Annual	
				Passenger	Crew	Planned	Passenger	E 6
Vessel Operator	Vessel Name	Wastewater Treatment System <sup>2</sup>	Units	Capacity <sup>3</sup>	Capacity	Voyages <sup>6</sup>	capacity 4	2020 Discharge in AK waters <sup>5, 6</sup>
AMHS, State of Alaska	Kennicott	Orca II 500	3	748	42	Varies	N/A	Yes
AMHS, State of Alaska	Matanuska	Omnipure 15MX	3	498	50	varies	N/A	Yes
Alaska Dream Cruises	Admiralty Dream	Omnipure 12M	1	66	21	19	1254	AK Season Cancelled
Alaska Dream Cruises	Chichagof Dream	Orca II A-500	1	81	27	14	1134	AK Season Cancelled
Columbia CS	Bremen ND	Hamworthy RT 80	1	155	94	1	155	AK Season Cancelled
Columbia CS	Hanseatic Nature ND			240	175	1	240	AK Season Cancelled
Lindblad/Nat. Geographic	NG Orion ND	Triton Format MSTP 7 Standard	1	102	69	7	714	AK Season Cancelled
Lindblad/Nat. Geographic	NG Quest	G&O Bioreactor BR-37000 BG-V	1	100	50	16	1600	AK Season Cancelled
Lindblad/Nat. Geographic	NG Sea Bird	Omnipure 12MX	1	62	28	20	1240	AK Season Cancelled
Lindblad/Nat. Geographic	NG Sea Lion	Omnipure 12M	1	62	28	24	1488	AK Season Cancelled
Lindblad/Nat. Geographic	NG Venture	G&O Bioreactor BR-37000 BG-V	1	100	50	20	2000	AK Season Cancelled
Silver Expeditions	Silver Explorer ND	AquaMaster Unex Bio 200 E	1	144	130	3	432	AK Season Cancelled
UnCruise Adventures	Safari Endeavor	Omnipure 12M	2	86	35	18	1548	AK Season Cancelled
UnCruise Adventures	S.S. Legacy	Red Fox RF-2000-FP	1	92	34	14	1288	AK Season Cancelled
UnCruise Adventures	Wilderness Adventurer	Omnipure 12MX	1	64	23	25	1600	AK Season Cancelled**
UnCruise Adventures	Wilderness Discoverer	Headhunter TW-HMX-6004LP	2	78	24	20	1560	AK Season Cancelled
UnCruise Adventures	Wilderness Explorer	Headhunter TW-HMX-6004LP	2	76	26	22	1672	AK Season Cancelled
Vships	Scenic Eclipse ND	Martin BMA 600S (AWTS)		237	176	2	474	AK Season Cancelled
Windstar	Star Breeze	Rochem Biofiltration (AWTS)	1	312	155	8	2496	AK Season Cancelled
					Totals <sup>6</sup>	234	20,895	

<sup>&</sup>lt;sup>1</sup> Small commercial passenger vessels have overnight accommodations for 50 to 249 passengers (based on lower berths).

<sup>&</sup>lt;sup>2</sup> Nondischarging vessels are not required to provide treatment system information. AWTS=Advanced Wastewater Treatment System (not typical on small vessels).

<sup>&</sup>lt;sup>3</sup> Based on the number of lower berths for small cruise ships. Based on max. passenger capacity for Alaska Marine Highway System (AMHS) vessels.

<sup>&</sup>lt;sup>4</sup> Assumes full capacity on every voyage.

<sup>&</sup>lt;sup>5</sup> Alaska water extends 3 miles from the coastline and includes the Alexander Archipelago.

<sup>&</sup>lt;sup>6</sup> AK Season cancelled due to COVID-19 and <u>no</u> voyages completed. Table shows original voyage count (uncompleted) from 2020 Registration. \*\* One voyage attempted but ended early. Vessels highlighted in gray (and indicated by 'ND') have registered as non-discharge vessels for the 2020 Cruise Ship Season.