<table>
<thead>
<tr>
<th>Vessel Operator</th>
<th>Vessel Name</th>
<th>Passenger Capacity</th>
<th>Voyages</th>
<th>Annual Passenger capacity</th>
<th>Crew Capacity</th>
<th>Wastewater Treatment System</th>
<th>2020 Registration: Plan on Discharging in AK waters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carnival Cruise Lines</td>
<td>Carnival Miracle</td>
<td>2124</td>
<td>10</td>
<td>21,240</td>
<td>930</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Carnival Cruise Lines</td>
<td>Carnival Spirit</td>
<td>2124</td>
<td>22</td>
<td>46,728</td>
<td>961</td>
<td>Rochem</td>
<td>Yes</td>
</tr>
<tr>
<td>Celebrity Cruises</td>
<td>Celebrity Eclipse</td>
<td>3148</td>
<td>20</td>
<td>62,960</td>
<td>1270</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Celebrity Cruises</td>
<td>Celebrity Millennium</td>
<td>2593</td>
<td>17</td>
<td>44,081</td>
<td>930</td>
<td>Hydroxyl CB-100 MSD</td>
<td>No</td>
</tr>
<tr>
<td>Celebrity Cruises</td>
<td>Celebrity Solstice</td>
<td>3148</td>
<td>17</td>
<td>53,516</td>
<td>1250</td>
<td>Kruger WABAG MSD</td>
<td>No</td>
</tr>
<tr>
<td>Cunard</td>
<td>Queen Elizabeth</td>
<td>2081</td>
<td>10</td>
<td>20,810</td>
<td>1000</td>
<td>2 Hamworthy 320 MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Disney</td>
<td>Disney Wonder</td>
<td>2834</td>
<td>17</td>
<td>48,178</td>
<td>920</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Eurodam</td>
<td>2106</td>
<td>21</td>
<td>44,226</td>
<td>929</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Koningsdam</td>
<td>2650</td>
<td>21</td>
<td>55,650</td>
<td>929</td>
<td>Unknown</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Maasdam</td>
<td>1258</td>
<td>11</td>
<td>13,838</td>
<td>580</td>
<td>Unknown</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Noordam</td>
<td>1916</td>
<td>21</td>
<td>40,236</td>
<td>800</td>
<td>Rochem UF MSD</td>
<td>No</td>
</tr>
<tr>
<td>Holland America</td>
<td>Oosterdam</td>
<td>1964</td>
<td>21</td>
<td>41,244</td>
<td>800</td>
<td>Unknown</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Volendam</td>
<td>1432</td>
<td>22</td>
<td>31,504</td>
<td>647</td>
<td>Zenon AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Holland America</td>
<td>Westerdam</td>
<td>1964</td>
<td>20</td>
<td>39,290</td>
<td>800</td>
<td>Rochem Bio-filt AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Hurtigruten</td>
<td>Roald Amundson</td>
<td>530</td>
<td>2</td>
<td>1,060</td>
<td>151</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Norwegian Cruise Line</td>
<td>Norwegian Bliss</td>
<td>3500</td>
<td>22</td>
<td>77,000</td>
<td>1706</td>
<td>Scanship AWP 60 Type II AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Norwegian Cruise Line</td>
<td>Norwegian Jewel</td>
<td>2376</td>
<td>18</td>
<td>42,768</td>
<td>1100</td>
<td>Scanship Type II AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Norwegian Cruise Line</td>
<td>Norwegian Joy</td>
<td>3500</td>
<td>23</td>
<td>80,500</td>
<td>1706</td>
<td>Scanship AWP 60 Type II AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Norwegian Cruise Line</td>
<td>Norwegian Sun</td>
<td>1936</td>
<td>14</td>
<td>27,104</td>
<td>906</td>
<td>Scanship Type II AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Oceania</td>
<td>Insignia</td>
<td>777</td>
<td>1</td>
<td>777</td>
<td>Unknown</td>
<td>Scanship AWP 60 AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Oceania</td>
<td>Regatta</td>
<td>777</td>
<td>15</td>
<td>11,655</td>
<td>373</td>
<td>2 Triton Water MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Ponant</td>
<td>L’Austral</td>
<td>264</td>
<td>1</td>
<td>264</td>
<td>136</td>
<td>Rochem Bio-filt AWTS</td>
<td>No</td>
</tr>
<tr>
<td>Ponant</td>
<td>Le Boreal</td>
<td>264</td>
<td>2</td>
<td>528</td>
<td>136</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Ponant</td>
<td>Le Soleal</td>
<td>264</td>
<td>8</td>
<td>2,112</td>
<td>136</td>
<td>Rochem Bio-filt AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Coral Princess</td>
<td>1970</td>
<td>19</td>
<td>37,430</td>
<td>900</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Emerald Princess</td>
<td>3114</td>
<td>19</td>
<td>59,166</td>
<td>1200</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Golden Princess</td>
<td>2600</td>
<td>8</td>
<td>20,800</td>
<td>1060</td>
<td>3 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Grand Princess</td>
<td>2590</td>
<td>19</td>
<td>49,210</td>
<td>1100</td>
<td>3 Hamworthy MBR 16 AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Pacific Princess</td>
<td>3114</td>
<td>17</td>
<td>52,938</td>
<td>Unknown</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Royal Princes</td>
<td>3600</td>
<td>19</td>
<td>68,400</td>
<td>1378</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Ruby Princess</td>
<td>3080</td>
<td>20</td>
<td>61,600</td>
<td>1201</td>
<td>3 Hamworthy MBR 16 AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Star Princess</td>
<td>3100</td>
<td>14</td>
<td>43,400</td>
<td>1150</td>
<td>3 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Princess Cruise Line</td>
<td>Sun Princess</td>
<td>2010</td>
<td>1</td>
<td>2,010</td>
<td>924</td>
<td>3 Hamworthy MBR AWTS</td>
<td>No</td>
</tr>
<tr>
<td>Royal Caribbean Cruises</td>
<td>Ovation of the Seas</td>
<td>4180</td>
<td>17</td>
<td>71,060</td>
<td>1551</td>
<td>Scanship AWP 60 Type II AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Royal Caribbean Cruises</td>
<td>Radiance of the Seas</td>
<td>2502</td>
<td>17</td>
<td>42,534</td>
<td>859</td>
<td>Hamann MSD</td>
<td>No</td>
</tr>
<tr>
<td>Royal Caribbean Cruises</td>
<td>Serenade of the Seas</td>
<td>2702</td>
<td>15</td>
<td>40,530</td>
<td>891</td>
<td>Unknown</td>
<td>No</td>
</tr>
<tr>
<td>Seabourn</td>
<td>Sojourn</td>
<td>450</td>
<td>16</td>
<td>7,200</td>
<td>338</td>
<td>2 Hamworthy MBR AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Seven Seas Cruises</td>
<td>Seven Seas Mariner</td>
<td>769</td>
<td>16</td>
<td>12,304</td>
<td>431</td>
<td>Hamworthy MBR 240C AWTS</td>
<td>Yes</td>
</tr>
<tr>
<td>Silver Seas</td>
<td>Silver Cloud</td>
<td>254</td>
<td>3</td>
<td>762</td>
<td>222</td>
<td>Unknown</td>
<td>Yes</td>
</tr>
<tr>
<td>Silver Seas</td>
<td>Silver Muse</td>
<td>596</td>
<td>18</td>
<td>10,728</td>
<td>417</td>
<td>Scanship AWP-25, 2017</td>
<td>Yes</td>
</tr>
<tr>
<td>Viking</td>
<td>Viking Orion</td>
<td>954</td>
<td>10</td>
<td>9,540</td>
<td>499</td>
<td>Scanship AWP-25, 2018</td>
<td>Yes</td>
</tr>
<tr>
<td>Windstar</td>
<td>Star Breeze</td>
<td>312</td>
<td>6</td>
<td>1,872</td>
<td>164</td>
<td>Unknown/ New installation?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Totals**: 610, 1,398,743

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. Assumes full capacity on every voyage.
4. Non-discharging vessels are not required to provide crew or treatment system information.
5. Alaska water includes the Alexander Archipelago and extends 3 miles from the coastline. Only vessels that discharge into AK waters are required to sample wastewater.