



ALASKA
Department of
Environmental
Conservation

Publicly-Owned Wastewater Treatment Plants & the Section 301(h) Program

What is the Section 301(h) Program?

The Federal Clean Water Act requires that all municipal wastewater treatment plants use primary treatment (using gravity to separate solids from liquids) and secondary treatment (using special strains of aerobic bacteria [bacteria that need oxygen to grow] to break down the organic waste left after primary treatment) before discharging their water. The Section 301(h) Program issues waivers to wastewater treatment plants, allowing the plant to discharge wastewater into marine waters with *less than full* secondary treatment.

Background

In 1972, Congress passed the Federal Water Pollution Control Act Amendment, which required wastewater treatment plants to achieve secondary treatment capability by 1977. Some municipalities that discharged into marine waters, however, argued that this requirement might be unnecessary on the grounds that marine treatment plants tend to discharge into deeper waters with large tides and substantial currents, which allow for greater dilution and dispersion than their freshwater counterparts. As a result, Congress added section 301(h) to the Clean Water Act in 1977, allowing for a case-by-case review of treatment requirements for marine dischargers. Eligible applicants that met the set of environmentally stringent criteria in section 301(h) would receive a modified National Pollutant Discharge Elimination System (NPDES) permit waiving the secondary treatment requirements for the conventional pollutants biochemical oxygen demand (BOD), suspended solids (SS), and pH.

All treatment plants under the program have minimum requirements to conduct primary treatment of their wastewater effluent. The addition of secondary treatment, however, provides for the removal of more Total Suspended Solids (TSS) and BOD than primary treatment alone.

Status in Alaska

A list of dischargers in Alaska that have a 301(h) waiver is attached. The communities that may potentially host cruise ships with 301(h) waivers are Haines, Ketchikan, Petersburg, Sitka, Skagway, and Wrangell. Anchorage, the largest city in Alaska, also has a 301(h) waiver.

Appendix G

Major NPDES Permitted Facilities in Alaska

The Department will assume permitting and compliance and enforcement authority of the major NPDES permitted facilities according to the schedule in Appendix B. An NPDES permit will transfer to an APDES permit upon the Department's assuming authority of the permit.

Permit Number	Name	Secondary Name	Expiration Date
INDIVIDUAL PERMITS			
AK0000507	AGRIUM U.S. INC	NON-DOMESTIC WWTP	11/20/2005
AK0023248	ALYESKA PIPELINE SERVICE CO	VALDEZ MARINE TERMINAL	7/31/2009
AK0000272	ALYESKA SEAFOODS INC	ALYESKA SEAFOODS INC	3/31/2008
AKS052558	ANCHORAGE, CITY OF (MS4)	ANCHORAGE, CITY OF (MS4)	10/28/2003
AK0047856	ANCHORAGE, MUNICIPALITY OF	GIRDWOOD WWTP	10/3/2005
AK0022543	ANCHORAGE, MUNICIPALITY OF	EAGLE RIVER WWTP	4/30/2011
AK0022551 *	ANCHORAGE, MUNICIPALITY OF	ANCHORAGE, MUNICIPALITY OF 301(H)	8/2/2005
AK0052779	BP EXPLORATION (ALASKA) INC	NORTHSTAR DEVELOPMENT PROJECT	6/23/2004
AK0029840	BP EXPLORATION (ALASKA) INC	GREATER PRUDHOE BAY STP	4/24/2005
AK0038661	BP EXPLORATION (ALASKA) INC	ENDICOTT DEVELOPMENT	4/11/2005
AK0050571	COEUR ALASKA INC	COEUR ALASKA INC	8/31/2010
AK0043354	CONOCOPHILLIPS ALASKA INC	KUPARUK WATERFLOOD PROJECT	4/24/2005
AK0000396	COOK INLET PIPE CO	DRIFT RIVER TERMINAL	2/11/2009
AK0021547	CORDOVA, CITY OF	CORDOVA, CITY OF	12/11/2006
AK0023451	FAIRBANKS, CITY OF	FAIRBANKS, CITY OF	7/25/2005
AK0022942	GOLDEN VALLEY ELECTRIC ASSN	GOLDEN VALLEY ELECTRIC ASSN	3/1/2005
AK0021385 *	HAINES BOROUGH	HAINES, CITY OF 301(H)	12/26/2006
AK0021245	HOMER, CITY OF	HOMER, CITY OF	8/1/2005
AK0052868	ICICLE SEAFOODS INC	ICICLE SEAFOODS INC	9/13/2004
AK0022951	JUNEAU, CITY & BOROUGH OF	JUNEAU, CITY AND BOROUGH OF	4/30/2011
AK0023213	JUNEAU, CITY AND BOROUGH OF	JUNEAU, CITY AND BOROUGH OF	12/26/2006
AK0021377	KENAI, CITY OF	KENAI, CITY OF	11/1/2004
AK0043206	KENNECOTT GREENS CRK MINING CO	KENNECOTT GREENS CREEK MINING COMPANY	6/30/2010
AK0021440 *	KETCHIKAN, CITY OF	KETCHIKAN, CITY OF 301(H)	1/29/2006
AK0021555	KODIAK, CITY OF	KODIAK, CITY OF	8/24/2004
AK-002139	NORTH POLE, CITY OF	NORTH POLE, CITY OF	5/31/2013
AK0052388	PETER PAN SEAFOODS INC	PETER PAN SEAFOODS INC	9/13/2004

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Permit Number	Name	Secondary Name	Expiration Date
AK0021458 *	PETERSBURG, CITY OF	PETERSBURG, CITY OF - WWTP - 301(H) FACILITY	12/26/2006
AK0026182	ROYAL ALEUTIAN SEAFOODS INC	ROYAL ALEUTIAN SEAFOODS INC	9/13/2004
AK0021890	SEWARD, CITY OF	SEWARD, CITY OF	1/15/2007
AK0021474 *	SITKA, CITY AND BOROUGH OF	SITKA, CITY AND BOROUGH OF 301(H)	1/2/2007
AK0020010 *	SKAGWAY, CITY OF	SKAGWAY, CITY OF 301(H)	9/30/2007
AK0020036	SOLDOTNA, CITY OF	SOLDOTNA, CITY OF	7/25/2005
AK0038652	TECK COMINCO ALASKA INC	TECK COMINCO ALASKA INC	3/31/2012
AK0053341	TECK-POGO INC	TECK-POGO INC	3/31/2009
AK0000841	TESORO ALASKA PETROLEUM CO	KENAI (NIKISKI) REFINERY	6/5/2006
AK0037303	TRIDENT SEAFOODS CORP	TRIDENT SEAFOODS CORPORATION	3/31/2008
AK0052787	TRIDENT SEAFOODS CORPORATION	TRIDENT SEAFOODS CORPORATION	9/13/2004
AK0051217	TT ACQUISITION INC	TT ACQUISITION INC	9/13/2004
AK0043451	UNALASKA, CITY OF	UNALASKA, CITY OF	2/1/2009
AK0028657	UNISEA INC	UNISEA INC	3/31/2008
AK0040380	USIBELLI COAL MINE INC	USIBELLI COAL MINE INC	11/3/2003
AK0021431	VALDEZ, CITY OF	VALDEZ, CITY OF	4/17/2007
AK0049786	WESTWARD SEAFOODS CO	WESTWARD SEAFOODS INC	1/2/2007
AK0021466 *	WRANGELL, CITY OF	WRANGELL WWTP-301(H) FACILITY	1/8/2007
FACILITIES OPERATING UNDER A GENERAL PERMIT			
Seafood Processors - Kodiak			
AKG528234	Kodiak Fishmeal Company Kodiak	Kodiak Fishmeal Company Kodiak	4/30/2003
AKG528493	OCEAN BEAUTY SEAFOODS INC	OCEAN BEAUTY SEAFOODS INC	4/30/2003
AKG528833	TRIDENT SEAFOODS CORP	TRIDENT SEAFOODS CORPORATION	4/30/2003
AKG528825	WESTWARD SEAFOODS, INC	WESTERN ALASKA FISHERIES INC	4/30/2003
Seafood Processors - General			
AKG520090	ALASKA GENERAL SEAFOODS	KETCHIKAN FACILITY	7/27/2006
AKG520493	BEAR AND WOLF SALMON COMPANY was		7/27/2006
AKG520075	FV ARCTIC ENTERPRISE		7/27/2006
AKG520491	NORQUEST SEAFOODS CORDOVA PLANT		7/27/2006

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Permit Number	Name	Secondary Name	Expiration Date
AKG520475	NORQUEST SEAFOODS MITKOF		7/27/2006
AKG520476	NORQUEST SEAFOODS PETERSBURG		7/27/2006
AKG520494	OCEAN BEAUTY SEAFOODS CORDOVA		7/27/2006
AKG520477	OCEAN BEAUTY SEAFOODS		7/27/2006
AKG520244	PETER PAN SEAFOODS VALDEZ		7/27/2006
AKG520303	ICICLE SEAFOODS INC	PETERSBURG FISHERIES INC SEAFOOD PLANT	7/27/2006
AKG520474	POLAR EQUIPMENT dba POLAR		7/27/2006
AKG520101	SEAFOOD PRODUCERS COOPERATIVE		7/27/2006
AKG520042	SEAHAWK SEAFOODS VALDEZ PLANT		7/27/2006
AKG520488	SEWARD FISHERIES SEAFOOD PLANT		7/27/2006
AKG520065	SITKA SOUND SEAFOODS PLANT - NORTH		7/27/2006
AKG520075	TRIDENT SEAFOODS CORPORATION	FV ARCTIC ENTERPRISE	7/27/2006
AKG520002	TRIDENT SEAFOODS KETCHIKAN		7/27/2006
Cook Inlet Oil and Gas			
AKG285001	UNOCAL	GRANITE POINT TANK FARM	7/2/2012
AKG285002	UNOCAL	UNION OIL COMPANY OF CALIFORNIA	7/2/2012
AKG285003	XTO ENERGY INC	XTO ENERGY CORPORATION INC	7/2/2012

* Facility with CWA 301(h) waiver. EPA retains jurisdiction.