

# LEGAL NOTICE

## NOTICE OF PUBLIC HEARINGS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WASTEWATER DISPOSAL REGULATIONS

NOTICE IS HEREBY GIVEN that the Department of Environmental Conservation, under authority vested by AS 46.03.020(7), AS 46.03.020(10) (A), AS 46.03.020(10)(D), AS 46.03.020(10)(E), AS 46.03.020(10)(H), AS 46.03.070, AS 46.03.080, AS 46.03.090, AS 46.03.100, AS 46.03.110, AS 46.03.710, AS 46.03.760, AS 46.03.800, AS 46.03.810, AS 46.03.900, proposes to adopt wastewater disposal control regulations which implement, interpret, and make specific the wastewater disposal control provisions of chapter 3, Title 46, Alaska Statutes.

### COPIES

Copies of the proposed wastewater disposal regulations may be obtained by writing to the Commissioner, Department of Environmental Conservation, Pouch O, Juneau, Alaska 99801 or at the following locations:

CITY	LOCATION
Juneau:	Department of Environmental Conservation (St. Ann's Center), 586-6721 419 6th Street
Juneau:	Public Library 114 W. 4th Street
Anchorage:	Regional Office (Kyle Cherry) Department of Environmental Conservation 274-5527 McKay Building
Fairbanks:	Regional Office (Doug Lowery) Department of Environmental Conservation 452-1714 State Court and Office Building, Room 105 604 Barnette
Ketchikan:	Ketchikan Public Library 629 Dock Street
Sitka:	Kettelson Memorial Library
Valdez:	Valdez Public Library

### PROPOSED REGULATIONS

The proposed wastewater disposal regulations are as follows:

#### TITLE 18. ENVIRONMENTAL CONSERVATION 18AAC 72.010 CHAPTER 72. WASTEWATER DISPOSAL

##### SECTION

010.	Surface Wastewater Discharge Prohibited
020.	Subsurface Wastewater Discharge Prohibited
030.	Residential Sewerage Required
040.	Pretreatment
050.	Sludge Disposal
060.	Connections Prohibited to Overloaded Facilities
070.	Plan Review
080.	Emergency Notification
090.	Penalties
100.	Definitions

18 AAC 72.010. SURFACE WASTEWATER DISCHARGE PROHIBITED. (a) No person may discharge, cause the discharge, permit or allow the discharge of sewage, industrial liquid waste, wastewater, or other waste to surface waters or the surface of the land without the minimum required treatment prescribed in 18 AAC 70.080.

(b) No person may discharge, cause the discharge, permit or allow the discharge of sewage, industrial liquid waste, wastewater, or other waste in any manner which results in violation of the Water Quality Standards, 18 AAC 70.

(c) No person may discharge, cause the discharge, permit or allow the deposit of garbage, refuse, solid waste, sludge, excrement, offal, or animal carcasses to waters of the state or to land nearby such waters so that such matter or leachate therefrom may enter the waters of the state.

(d) No person may discharge, cause the discharge, permit or allow the discharge of septic tank effluent to the surface waters or to the surface of the land.

(e) No person may discharge, cause the discharge, permit or allow the discharge of storm water, silty water from construction dewatering efforts, snow melt, gutter run-off, or street run-off to a sewage system, designed to contain only sewage or industrial liquid waste.

(f) No person may discharge, cause the discharge, permit or allow the discharge of oil, petroleum products, or solvents to a sewage system designed to contain only sewage, storm water, or industrial liquid waste. (Eff. / / , Reg. )

AUTHORITY: AS 44.46.020 (2)  
AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.020 (10) (E)  
AS 46.03.050  
AS 46.03.070  
AS 46.03.710  
AS 46.03.810 (A) (1)  
AS 46.03.810 (A) (2)

18 AAC 72.020. SUBSURFACE WASTEWATER DISCHARGE PROHIBITED. (a) No person may discharge sewage, industrial liquid waste, or other wastewater into the ground by well, sink-hole, crevice, cesspool, gravel pit or depression, or any other opening, whether natural or man-made without written approval from the department, except septic tank effluent through an appropriate soil absorption system.

(b) No person may construct, install, or use a septic tank or soil absorption system without written approval from the department if a community sewerage system is available within 500 feet.

(c) No person may construct or operate a septic tank or soil absorption system in such a manner that a water supply is in danger of becoming contaminated. The minimum separation

(1) between a septic tank or soil absorption system and public water supply well shall be 200 feet, measured horizontally, regardless of property lines or ownership; and,

(2) between a septic tank or soil absorption system and a private water supply well shall be 100 feet, measured horizontally.

(b) No person may construct or install a septic tank and soil absorption system or privy within 100 feet, measured horizontally, or any natural or man-made like, river, stream, slough, or coastal water of the state.

(c) No person may construct, place, or operate a septic tank or sewer in the ground, either directly above, directly below, or within ten feet measured horizontally, of a water supply pipe. If sewer lines and water supply pipes must cross, the sewer lines shall be constructed of cast iron with water tight joints for ten feet on both sides of the water supply pipe.

(f) No person may construct or install a septic tank for an individual residential dwelling unit with a liquid capacity of less than 1,000 gallons.

(g) No person may construct or install a sewer line with a diameter of less than eight inches without prior written approval from the department.

(h) No person may construct, install, maintain, or operate a septic tank absorption system in permanently frozen ground. (Eff. / / , Reg. )

AUTHORITY: AS 44.46.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.050  
AS 46.03.710  
AS 46.03.810 (A)

18 AAC 72.030. RESIDENTIAL SEWERAGE REQUIRED. (a) No person may plat, divide, or subdivide land into lots, tracts, sites, or parcels for residential or recreational purposes without providing sewerage systems approved by the department in writing, unless

(1) on-lot water supply and sewage disposal is provided, each at least 40,000 contiguous square feet of land suitable for soil absorption systems, and sec. 20 of this chapter is complied with; or

(2) if a community water supply system is proposed, each lot is at least 20,000 contiguous square feet of land suitable for soil absorption systems, and sec. 20 of this chapter is complied with.

(b) After the effective date of this chapter, no person may build or operate a residential or recreational housing on lots, tracts, sites, or parcels on-lot sewage disposal unless he complies with either (a) (1) or (a) (2) of this section. (Eff. / / , Reg. )

AUTHORITY: AS 44.46.020 (2)  
AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.050  
AS 46.03.090

18 AAC 72.040. PRETREATMENT. The department may require that all industrial liquid wastes or other wastes which are discharged or planned to be discharged to public sewerage systems or treatment works be treated and equalized in order to prevent overloading or damaging effects upon the public sewerage system, treatment works, or receiving waters. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)

18 AAC 72.050. SLUDGE DISPOSAL. (a) No person may deposit, cause the deposit, permit or allow the deposit of sludge from septic tanks, holding tanks, cesspools, privies, sewage treatment works, water treatment works, industrial or commercial facilities, or sludges from other wastes to the waters or land without a waste disposal permit.

(b) The department may require that sewage systems or treatment works be designed or operated to accept and treat sludges. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.100 (a)  
AS 46.03.710

18 AAC 72.060. CONNECTIONS PROHIBITED TO OVERLOADED FACILITIES. No person may connect to, or permit any connection to a sewerage system or treatment works which the department has determined in writing are overloaded or would be inadequate or accept and treat the additional load. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.050  
AS 46.03.710

18 AAC 72.070. PLAN REVIEW. (a) No person may construct, alter, or modify a sewerage system or treatment works or any part thereof until detailed engineering reports, plans, and specifications are submitted to the department and approved by the department in writing.

(b) The engineering reports, plans, and specifications shall be prepared, signed and sealed by a professional engineer registered in the State of Alaska.

(c) The department may require that, in addition to generally accepted engineering practices, the designs for sewerage systems and treatment works in remote areas have a history of successful operation in comparable environmental situations. Sewerage systems or treatment works also must be designed to successfully operate under the conditions of seasonal frost or perennial frost encountered in the areas where the construction is proposed. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.090

18 AAC 72.080. EMERGENCY NOTIFICATION. (a) The owner or operator of sewage or industrial liquid sewerage systems or treatment works shall report to the department within 24 hours by telephone or telegraph or, in the absence of both, by mail, in the event of

(1) treatment works out of operation for a period greater than six hours;

(2) chlorine accident, spill or outage;

(3) treatment works flooding;

(4) sludge carry-over, wash-out, or overflow;

(5) any by pass of treatment works or part thereof during periods of highflow or equipment breakdown.

(b) A follow-up written report shall be sent to the department within 48 hours of the event reported.

(c) The written report shall contain but not be limited to

(1) times and dates of the event;

(2) a detailed description of the event, including quantities of sewage involved;

(3) details of any damage to receiving waters;

(4) actions taken to correct the causes of the event. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (7)  
AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.760

18 AAC 72.090. PENALTIES. A person who violates any provision of this chapter is guilty of a misdemeanor and upon conviction is punishable by a fine of not more than \$5,000, or by imprisonment for not more than one year, or both. Each unlawful act or each day of violation constitutes a separate offense. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (10) (A)  
AS 46.03.710  
AS 46.03.760

18 AAC 72.100. DEFINITIONS. Unless the context indicates otherwise, in this chapter

(1) "cesspool" means a subsurface pit which receives untreated sewage;

(2) "commissioner" means the commissioner of environmental conservation;

(3) "community sewerage system" means any system, whether publicly or privately owned, serving two or more individual dwelling units or business establishments, for the collection and disposal of sewage or industrial liquid wastes, to a point of treatment works;

(4) "community water supply system" means a source of water and a distribution system, including treatment works, whether publicly or privately owned serving the public or more individual dwelling units;

(5) "department" means the Alaska Department of Environmental Conservation;

(6) "equalized" means the dampening of daily fluctuations of flow of sewage, industrial liquid wastes, or other wastes so as to distribute surges over a period of time;

(7) "holding tank" means a vessel for the temporary storage of sewage or excrement, such as found on boats, mobile homes, and campers;

(8) "leachate" means water that has percolated through solid waste and contains dissolved or suspended portions from the solid waste;

(9) "other wastes" means garbage, refuse, decayed wood, sawdust, shavings, bark, trimmings from logging operations, sand, lime, cinders, ashes, offal, oil, grease, tar, dyestuffs, acids, chemicals, and other substances not sewage or industrial waste which may cause or tend to cause pollution of the waters of the state;

(10) "person" means any individual, public or private corporation, political subdivision, government agency, municipality, industry, co-partnership, association, firm, trust, estate, or any other entity whatsoever;

(11) "privy" means a structure which receives excrement, usually not waterborne;

(12) "private water supply well" means a well serving a single dwelling unit or business;

(13) "residential area" means land divided into two or more units or lots, for the purpose, whether immediate or future, or sale or of development of housing including mobile home parks; or that land which has been zoned for any residential use by a governmental zoning agency;

(14) "septic tank" means a settling tank in which solid and scum materials may be removed from sewage;

(15) "sewer" means a pipe or enclosed conduit which carries sewage, industrial liquid wastes, or other wastes, but not including that plumbing that conveys wastewater from the building to the property line or point of on-lot disposal;

(16) "sewage" means the water-carried human or animal wastes from residences, buildings, industrial establishments, or other places, together with ground water infiltration and surface water as may be present; to mixture of sewage with industrial liquid wastes or other wastes is "sewage";

(17) "sewerage system" means pipelines or conduits, pumping stations, and force mains, and all other appurtenant constructions, devices, and appliances used for conducting sewage, industrial liquid waste, or other wastes to a point of ultimate disposal;

(18) "sludge" means accumulated solids separated from sewage, industrial liquid wastes, oil, tar, dyestuffs, acids, chemicals, and other substances not sewage or industrial wastes;

(19) "soil absorption system" means a subsurface system that uses soil for the percolation of septic tank effluents, treated sewage, or wastewater, such as a filtering field, leaching field, seepage bed, or seepage pit, but not including cesspools;

(20) "treatment works" means a plant, device, structure, disposal outfall, lagoons, pumping station, incinerator, area devoted to sanitary landfills, or other works installed for the purpose of treating, neutralizing, stabilizing or disposing of sewage, industrial liquid waste, or other wastes, and sludges resulting therefrom;

(21) "wastewater" means sewage, waterborne industrial wastes, laundry liquid effluent, shower or sink water or other wastes which are waterborne;

(22) "waters" includes lakes, bays, sounds, ponds, impounding reservoirs, springs, creeks, estuaries, marshes, inlets, straits, passages, canals, the Pacific Ocean, Gulf of Alaska, Bering Sea, and Arctic Ocean, in the territorial limits of the state, and all other bodies of surface or underground water, natural or artificial, public or private, inland or coastal, fresh or salt, which are wholly or partially in or bordering the state or under the jurisdiction of the state. (Eff. / / , Reg. )

AUTHORITY: AS 46.03.020 (10) (A)  
AS 46.03.020 (10) (D)  
AS 46.03.900

NOTICE IS ALSO GIVEN that any person interested may present oral or written statements or arguments relevant to the action proposed at hearings continuing until all interested persons have been heard at the following locations:

CITY	LOCATION	DATE	TIME
Sitka	Maksoutoff Room Centennial Building	March 5, 1973	2p.m., 7p.m.
Juneau	Fish and Game Aud. Support Building	March 7, 1973	2p.m., 7p.m.

(Continued on page 11)

## LEGAL NOTICE

### INVITATION FOR BIDS STATE OF ALASKA DEPARTMENT OF HIGHWAYS

Sealed bids in single copy for furnishing all labor, materials, and equipment, and performing all work on Project RS-0206(2), Pilot Station Airport to Pilot Station described herein, will be received until 2:00 p.m. prevailing time, March 8, 1973 in the Commissioner's Office, Department of Highways, Island Center Building, Douglas, Alaska.

This project will consist of grading and drainage on 0.76 miles of roadway. Pilot Station, Alaska is located on the Yukon River approximately 117 miles upstream from the mouth.

Principal items of work consist of the following: 4.3 acres of clearing and grubbing; 12,300 cubic yards of unclassified excavation; 7,700 cubic yards of selected material; 354 linear feet of 24" pipe conduit; 46,000 square feet of seeding; and miscellaneous items of work.

All work shall be completed in 135 calendar days.

Plans and specifications may be obtained by all who have a bona fide need for them for bidding purposes from the Chief Design Engineer, P.O. Box 1467, Juneau, Alaska 99801. Plans may be examined at Department of Highway Offices in Anchorage, Fairbanks, Valdez and Nome.

B. A. Campbell  
Commissioner of Highways  
Publish February 7, 14 and 21, 1973.