

PURCHASER QUALIFICATIONS



- √ Both individuals and businesses may purchase either or both of the CBJ parcels offered in this brochure. Individuals must be at least 18 years of age when registering for the sale. There is no Alaskan residency requirement for non-business purchasers.
- √ A business or a business entity wanting to participate in this land sale must be licensed to do business in the State of Alaska.
- √ No person or business entity may apply for, or purchase, a parcel offered for sale if they have defaulted on a prior purchase of CBJ property within the five years preceding this sale.
- √ To qualify for a parcel, the registrant or authorized agent must be present at the over-the-counter sale.
- √ Participants in all previous land sales may participate in this land sale.
- √ Any CBJ employee who performed work for the CBJ on the South Lena Subdivision may not participate as a purchaser in this land sale in accordance with CBJ 01.45.040. This prohibition extends to the employee's spouse, dependents, and any regular member of the employee's household. CBJ employees who are interested in participating in the land sale and are uncertain whether they might have a conflict of interest are advised to consult with the CBJ Attorney prior to submitting a bid.

OVER-THE-COUNTER-SALE PROCESS

If there are multiple individuals and/or businesses waiting the day and time the lots are first made available to purchase, City staff will have each party randomly choose a card from a deck of playing cards. Whomever chooses the card with the highest value will be granted the first opportunity to purchase the lot(s). Otherwise, the lots will be made available first come until sold.

Determining Party with First Right to Purchase

Each party draws a card from a deck of cards. The party with the highest ranking card gets first option to buy according to the below scale. Face value of the card is primary, if two cards of the same face value are drawn, the suite breaks the tie.

Face Value Card Ranking

Ace (Highest)
King
Queen
Jack
10
9
8
7
6
5
4
3
2 (Lowest)

Suite Card Ranking

Spades (Highest)
Hearts
Diamonds
Clubs (Lowest)

PURCHASING THE LOT(S)



For each parcel, the person determined to be first-able to purchase the lot(s) will be asked to submit the 2019 Over-the-Counter Land Sale Declaration of Intent and Agreement to Purchase form along with a \$500 **earnest money payment** in the form of a personal check, cashier's check, certified check, or money order payable to "City and Borough of Juneau" the day of. The \$500 amount will be applied to the purchaser(s) final payment at closing. **Please note:** *if the purchaser(s) wish not to proceed with the sale once it has been initiated, purchaser(s) will forfeit the \$500 earnest money payment .*



Along with the 2019 Over-the-Counter Land Sale Declaration of Intent and Agreement to Purchase form and \$500 payment, the purchaser must submit:

2. If a business or business entity: proof of current license in the State of Alaska, and signatory authority of the person submitting the bid; and
3. Any other documents or items required in the 2019 Over-the-Counter Land Sale Declaration of Intent and Agreement to Purchase form.



If the first purchaser fails to comply with the requirements in the *2019 Over-the-Counter Land Sale Declaration of Intent and Agreement to Purchase Form*, the purchaser shall forfeit the \$500 earnest money and all rights to the parcel, and the second-able purchaser will then be awarded the opportunity to purchase the parcel for the fair market value amount; the same purchase procedure and requirements will apply.

CBJ FINANCING

- √ Purchasers may elect to either make a lump sum payment for parcels bought in the sale or elect to use CBJ financing.
- √ Under CBJ financing, purchasers must make a down payment equal to at least 10% of the lot at closing, paying the balance owed over a period of 10 years in annual, quarterly, or monthly payments at an interest rate of 10%. Then, regardless of which payment frequency is selected, payments must be made in advance. There is no prepayment penalty.
- √ The CBJ reserves the right to direct loan payments to a bank of its choice. In that event, purchasers using the CBJ's financing option will be responsible for paying the bank service fees, if any.
- √ The CBJ will not subordinate its security interest to other lenders. **No purchaser may sell or assign their interest in a parcel until the CBJ has been paid in full.**
- √ Purchasers are responsible for all closing and recording costs and obtaining title insurance.

**WATER,
ELECTRIC,
CABLE, &
TELEPHONE**

SEWER

GENERAL CONDITIONS

As apart of this subdivision's development, the CBJ installed water, electric, cable, and telephone utilities to each lot.

Sewer lines from municipal treatment plants do not reach Lena Point, and there are no plans to extend sewer lines to Lena Point in the future. Therefore, upon developing their properties, landowners will need to install individual on site wastewater treatment and disposal systems (OWTDS).

Property owners will be responsible for maintaining their OWTDS. In addition, property owners will be required to have a customer service agreement for system inspection, monitoring and sludge pumping services either with a CBJ approved OWTDS service provider or, for a monthly service fee, with the CBJ.

At the time of printing this brochure, the CBJ fee is \$94.23 per month. This fee will be subject to periodic review and rate adjustments, in the same manner as other CBJ utilities.

In addition to adhering to the CBJ's pertinent laws and regulations, property owners must also comply with the State of Alaska's statutes and regulations. Contact the Alaska Department of Environmental Conservation (ADEC) at (907) 465-5167 for information on the State of Alaska's requirements for OWTDSs or visit its website at: <https://dec.alaska.gov/water/wastewater/engineering/owsim-handout-faq> ADEC and the CBJ endeavor to make the OWTDS plan review process both thorough and efficient. Toward that end both organizations are committed to working together to ensure a smooth review process. See Appendices A and B for the complete CBJ regulations pertaining to OWTDSs. Refer to Appendix C for a description of the permit process for installing an OWTDS.

Due to a high water table in this area, property owners may need to use options that will enhance performance of their OWTDSs such as importing soils to create a mound drainfield. It may also be necessary to protect the drainfield from surface water runoff by constructing ditches to divert runoff around the drain field. Topographic constraints on some lots might curtail the number of options for siting an OWTDS on those lots. Property owners should work with their selected engineer to evaluate options most suitable for their specific lots.



GENERAL CONDITIONS

TITLE, RESTRICTIONS, & RESERVATIONS

The CBJ acquired the land at Lena Point from the State of Alaska and the Alaska Mental Health Trust Authority. In conveying their properties to the CBJ, each conveyed the surface estate only, retaining their rights to the subsurface estate, which includes rights to explore and extract oil, gases, coal, ores, minerals, fissionable materials, geothermal resources, and fossils, as provided by state law.

In this land sale the CBJ will be conveying its interest in the surface estate. The State of Alaska and the Alaska Mental Health Trust Authority remain owners of the subsurface estate.

The CBJ will convey its property subject to all existing reservations of record.

Purchasers of CBJ land are required to obtain title insurance. The City will provide a list of title insurance companies upon a successful bid.

Potential purchasers are encouraged to examine the preliminary title report available online. Go to www.juneau.org, under "News Items" select "Spring 2019 Lena Land Sale". Purchasers are encouraged to seek any advice on title quality from a title professional or attorney.

IMPROVEMENTS



Purchasers are responsible for properly locating improvements on their property and obtaining all necessary permits. Improvements must comply with all building setback requirements and all other applicable federal, state, and local regulations and permit requirements. Contact the CBJ's Community Development Department at (907) 586-0715 for information about setbacks and zoning regulations that apply to individual parcels.



Portions of the subdivision may encompass areas with steep slopes. Some parts of individual lots may not be suitable for development.

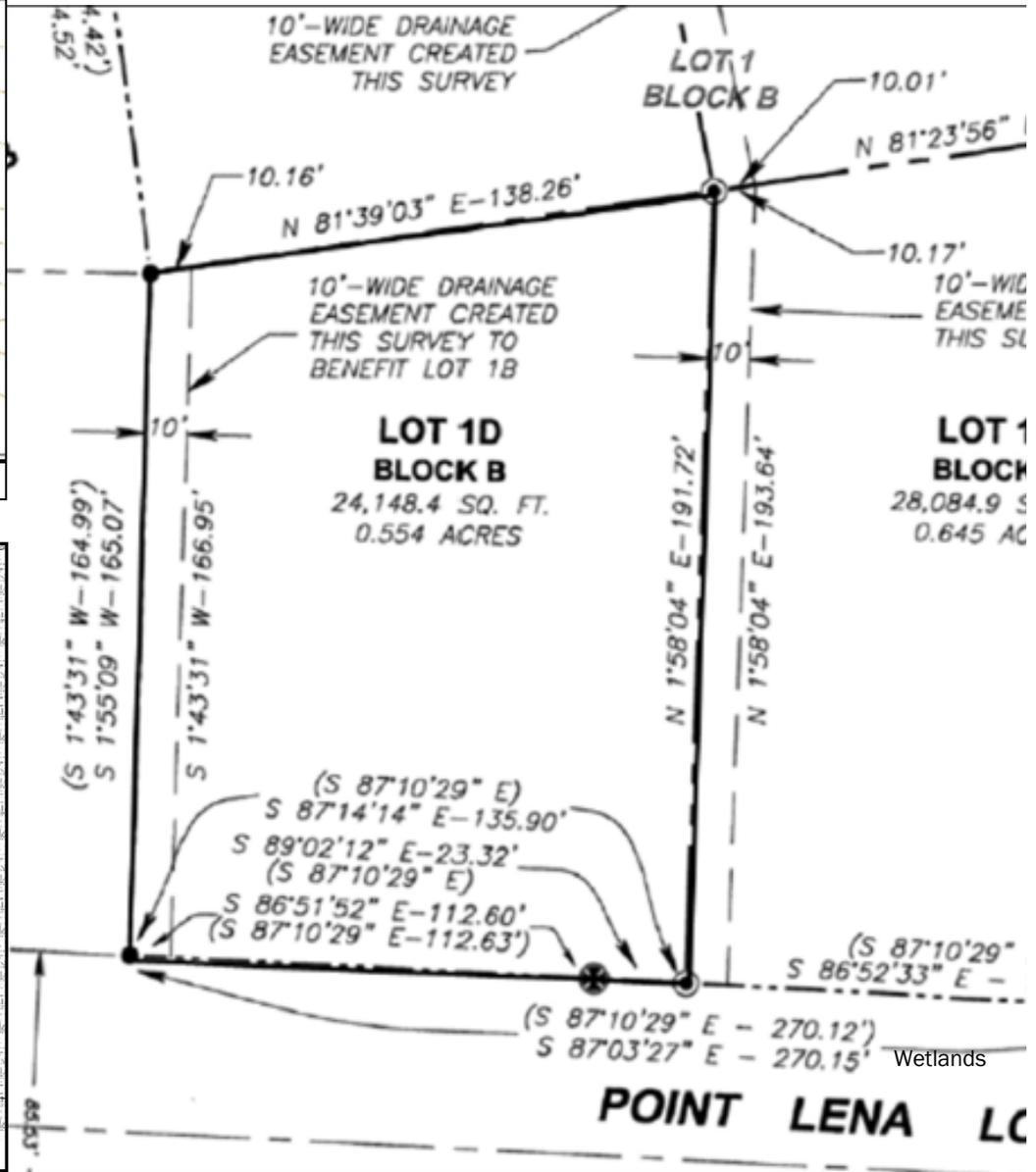
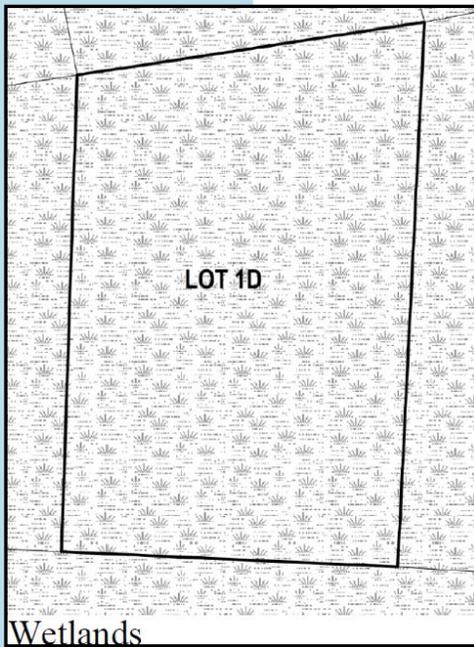
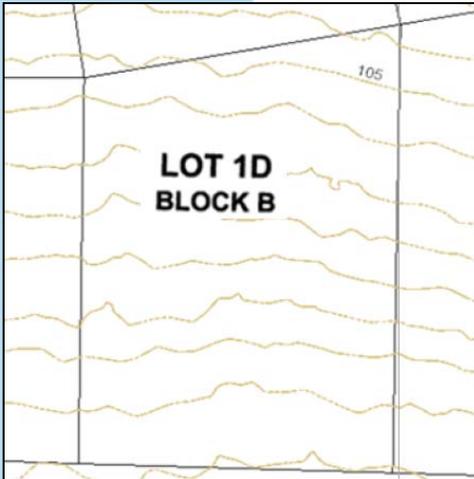


Potential purchasers should physically inspect the property, prior to placing their bids, to ensure the property satisfactorily meets their needs and development goals.

Legal Description:

Lot 1D, Block B, South Lena Subdivision

Acreage: 24,148 square feet



Sale Price: \$90,000

This lot is accessed via Ocean View Drive and slopes to the south. There is a platted drainage easement that serves this lot, along the west property line of Lot 1D, Block B South Lena Subdivision

Wetlands: This lot is predominantly wetlands. Purchasers of this lot will be responsible for applying for an "Individual Fill Permit" from the US Army Corps of Engineers.



DISCLAIMER

 This brochure is intended for informational purposes only and does not constitute an offer to sell. It is not intended to provide legal advice on title or any other matter related to this land sale. Purchasers are encouraged to consult with an attorney and/or other professionals for any required advice. It is possible that after publication of the brochure, modifications may be necessary. It is the purchaser's responsibility to keep informed of any changes or corrections. Amendments to this brochure will be posted on the Lands and Resources website under "Land Sales" and are available by writing to the City and Borough of Juneau, Attn: Lands and Resources Office, 155 S. Seward Street, Juneau, Alaska 99801, or by calling (907) 586-5252.

 Land offered by the CBJ will be sold "as is" with no guarantees expressed or implied. Parcels include areas with steep slopes which may limit development options to a fraction of the overall parcel. It may not be feasible to construct a driveway, with suitable grade, to all portions of a given parcel. Parcels have designated wetlands which have restrictions on potential development. All potential purchasers are strongly urged to read this brochure, examine the survey plat 2018-59 and preliminary title document, and inspect the land thoroughly before participating in this over-the-counter sale.

 The CBJ reserves the right to adjourn, postpone, or vacate this sale, in whole or in part, at any time prior to or during the offering, when such action is deemed necessary to protect the interests of the CBJ. Parcels may be withdrawn at any time prior to or during the land sale process.

 Maps shown in this brochure are intended to provide a graphic illustration of the lots to be sold and should be used only for general orientation purposes. They are not survey plats.

The CBJ reserves the right to waive technical defects in this brochure.

FAQs & HOW TO FIND US

Need a land sale brochure?

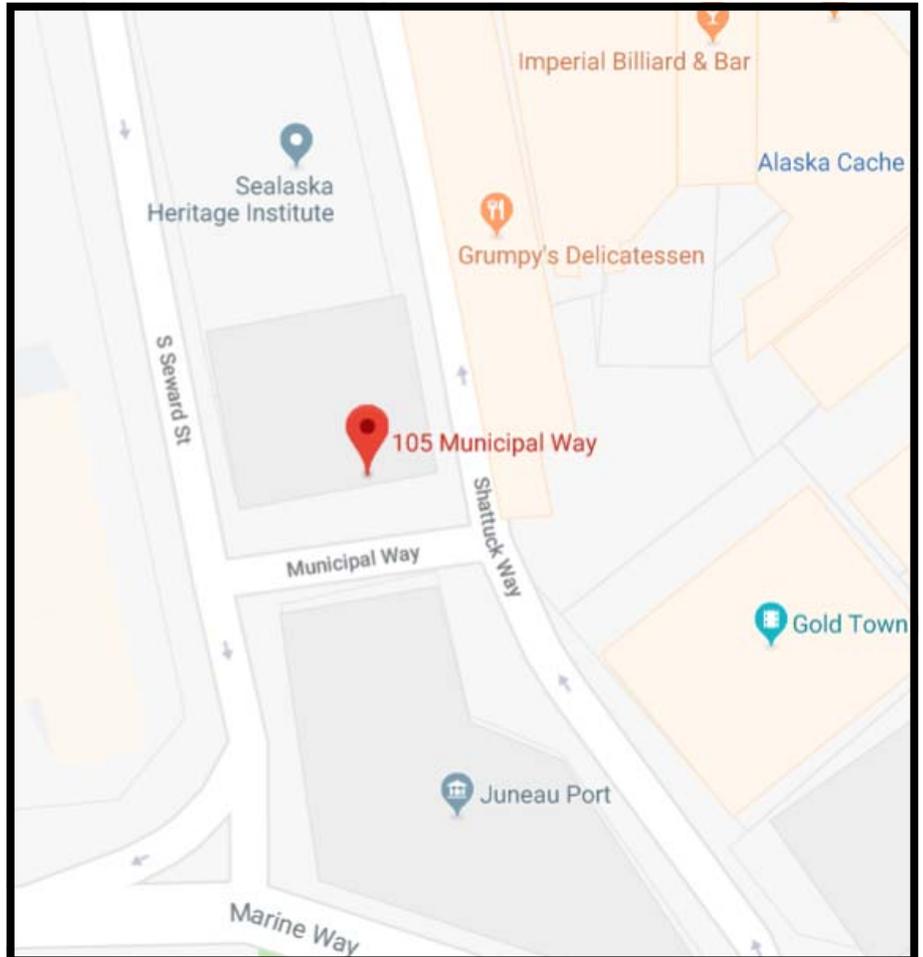
- The Sales Brochure and 2019 Over-the-Counter Land Sale Declaration of Intent and Agreement to Purchase Form are available online under “Land Sales” at: www.juneau.org/lands.
- Copies are also available at the CBJ Lands and Resources Division office, 105 Municipal Way, 3rd floor, Juneau, AK 99801

Have questions about wetlands and the Corps of Engineers permit?

Contact the Corps of Engineers at (907) 790-4490.

Have questions about zoning and building codes?

Call the Community Development Department at (907) 586-0715 or visit the Permit Center located on the 4th floor of the Marine View Building at 230 S. Franklin Street.



Have other questions?

Call the CBJ Lands and Resources Office at (907) 586-5252 or stop by the office located on the 3rd floor of the Municipal Way Building, 105 Municipal Way.

Chapter 01

RESIDENTIAL ONSITE WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMITTING AND OVERSIGHT PROGRAM FOR MAJOR SUBDIVISIONS

06 CBJAC 01.010 Purpose.

06 CBJAC 01.020 Objectives.

06 CBJAC 01.030 Onsite wastewater treatment and disposal systems regulated.

06 CBJAC 01.040 Permit required.

06 CBJAC 01.050 Permit fees.

06 CBJAC 01.060 System requirements.

06 CBJAC 01.070 Inspections and approvals required.

06 CBJAC 01.080 Definitions.

06 CBJAC 01.010 Purpose.

This regulation is enacted to provide standards for the department to provide an inspection and oversight program for residential onsite wastewater treatment and disposal systems (OWTDS). This regulation is enacted pursuant to authority granted under Assembly Ordinance Serial No. 2005-16(b).

This inspection and oversight program is enacted to support and augment, but not replace ADEC standards and authorities.
(Eff. 9-13-2005)

06 CBJAC 01.020 Objectives.

The principal objectives of these regulations are as follows:

- (a) Protect public health;
- (b) Allow for development of lands not served by a centralized municipal wastewater treatment system;
- (c) Promote compliance with existing ADEC regulations.
(Eff. 9-13-2005)

06 CBJAC 01.030 Onsite Wastewater Treatment and Disposal Systems Regulated.

- (a) Except as provided in (b), all property owners who install or cause to be installed an OWTDS on a lot created by a major residential subdivision after July 1, 2005, which is not served by a centralized municipal wastewater treatment system, are required to comply with this Chapter;
- (b) Properties outside Service Area 9 (Roaded Service Area) are exempt.
(Eff. 9-13-2005)

06 CBJAC 01.040 Permit required.

- (a) No person may install an OWTDS on property regulated by this chapter except as authorized by a permit issued by the director.
- (b) The director may issue a permit for the installation of an OWTDS subject to the following:
 - a. Submission of a completed permit application.
 - b. Payment by the applicant of the permit fee.
 - c. Provision by the applicant of an ADEC approval to construct for the OWTDS for the property.
 - d. Such conditions as the director may impose.
- (c) Permittees shall have a copy of the permit immediately available for inspection at all times while engaged in activities pursuant to the permit. A copy of the permit shall be prominently displayed at the OWTDS site.
- (d) The permit's term shall be concurrent with the ADEC approval to construct for the OWTDS.
(Eff. 9-13-2005)

06 CBJAC 01.050 Permit fees.

- (a) A \$100.00 fee shall be charged for the permit.
(Eff. 9-13-2005)

06 CBJAC 01.060 System requirements.

- (a) The OWTDS shall be required to have the following features:
 - a. The soil absorption system shall have a minimum of two four-inch diameter inspection ports. The ports shall be constructed to allow for visual inspection of the ability of the field to absorb effluent.
 - b. Treatment tanks shall have all hatches raised to grade. Access hatches may not be covered with permanent features which limit or reduce access.
 - c. Two inches of rigid polystyrene insulation is required for all portions of the top and sides of treatment tanks that are covered with less than 42 inches of soil.
- (Eff. 9-13-2005)

06 CBJAC 01.070 Inspections and approvals required.

- (a) The permittee shall be required to obtain the following inspections and approvals prior to connecting the building plumbing to the on-site sewage treatment and disposal system. Inspections will be made to verify:
 - a. Existing site conformance with information submitted on the approved plans;
 - b. Construction conformance with information submitted on the approved plans;
 - c. Installation of insulation;
 - d. Installation of access and ports.
- (b) No OWTDS permit shall be approved until the permittee provides a copy of an ADEC approval to operate for the OWTDS.
- (c) No OWTDS permit shall be approved until the permittee has signed a CBJ maintenance contract as specified in department of public works regulations in Title 03, Chapter 41.
- (d) No temporary or permanent occupancy permit shall be issued until the OWTDS permit has been approved by the department.
(Eff. 9-13-2005)

06 CBJAC 01.080 Definitions.

ADEC means the Alaska Department of Environmental Conservation.

CBJ means the City and Borough of Juneau.

Department means the City and Borough of Juneau Engineering Department.

Director means the Director of the City and Borough of Juneau Engineering Department.

Major residential subdivision means subdivision of residentially zoned lands consisting of five or more newly created lots.

OWTDS means onsite wastewater treatment and disposal system(s), approved for installation and operation by ADEC and inspected and approved for operation by the CBJ.

Permit means an onsite wastewater treatment and disposal system construction permit as issued by the CBJ

Property owner/user means any person, or persons, who have legal title to the premises and/or property.

Soil absorption system means a surface or subsurface system using soil for the treatment and disposal of effluent from a domestic wastewater treatment works; "soil absorption system" includes drain fields, leach fields, seepage beds, or seepage pits, but does not include a cesspool.

(Eff. 9-13-2005)

Title 03, Chapter 41

Residential Onsite Wastewater Treatment and Disposal System Maintenance Program

Sections

010 Purpose.

020 Objectives.

030 Service Contract.

040 OWTDS Services.

050 Responsibilities of Property Owner.

060 Service Fees.

070 Penalties and Fines.

080 Definitions.

03 CBJAC 41.010 Purpose.

This regulation is enacted to provide standards for the department to provide an inspection and maintenance program for onsite wastewater treatment and disposal systems (OWTDS) of major residential subdivisions for the purpose of protecting surface water and ground water from contamination by human sewage and waterborne household wastes; the protection of the environment and the public's health and safety; and the elimination and prevention of the development of public nuisances, pursuant to the authority granted under Assembly Ordinance 2005-17(b).

(Eff. 9-13-2005)

03 CBJAC 41.020 Objectives.

The principal objectives of these regulations are as follows:

- (a) To monitor and ensure the appropriate use, reliable operation, regular maintenance, and repair and replacement of all OWTDS in major residential subdivisions developed after July 1, 2005, and not served by a centralized municipal wastewater treatment system;
- (b) Prevent and control water-borne disease, groundwater and surface water degradation, and public nuisance conditions through technical assistance, education, field inspections, monitoring, maintenance, enforcement and compliance;
- (c) Establish minimum standards for OWTDS operation, maintenance, repair, and reconstruction to prevent contamination, and if contamination is discovered, identify and control its consequences, abate its source, and provide for migration.

(Eff. 9-13-2005)

03 CBJAC 41.030 Service Contract.

- (a) Except as provided in (c), all property owners who install or cause to be installed an OWTDS on their property within a major residential subdivision developed after July 1, 2005, which is not served by a centralized municipal wastewater treatment system, are required to enter into a service contract agreement with the Department, or with a service contractor approved by the Department and the manufacturer of the property owner's treatment system, for system inspection, monitoring, and sludge pumping services.
- (b) New property owners of an existing home with an OWTDS are required to have a service contract for continued system inspection, monitoring, and sludge pumping services in place and effective within 60 calendar days of transfer of property ownership.
- (c) Properties outside Service Area 9 (Roaded Service Area) are exempt.

03 CBJAC 41.040 OWTDS Services.

The service contract shall include provisions for the following OWTDS services:

- (a) Annual inspection and completion of an OWTDS inspection and deficiency report, a copy of which will be provided to the property owner within 60 days of the inspection. The Department or contractor will observe and report on the condition/operation of the following components of the OWTDS:
 - (1) Septic tanks and treatment plants including access ports, aeration system operation, control system operation, and filtration media condition, as applicable and observable;
 - (2) Disinfection systems, such as ultra-violet lights or chlorine system;
 - (3) Effluent filters, pumps, and inspection ports;

- (4) Soil absorption systems, and marine outfalls;
 - (5) Presence of ground water and french or curtain drains around leach fields;
 - (6) Other OWTDS appurtenance as applicable to the specific system.
- (b) Notification of the property owner and the Department in writing of any system failures, corrections or repairs needed. The OWTDS inspection and deficiency report shall include, but not be limited to:
- (1) The address of the site.
 - (2) The parcel identification number.
 - (3) The name of the property owner.
 - (4) Legal description of property.
 - (5) The location of the OWTDS on the property.
 - (6) A description of the current operational and functional status of the OWTDS.
 - (7) Identification of any necessary repairs or replacement of all or portions of the OWTDS.
 - (8) The results of any special testing required by the Department.
 - (9) Other relevant or unusual observations or system failures related to the OWTDS.
 - (10) Recommendations to extend the life of the OWTDS and to prevent the premature failure of the OWTDS.
 - (11) Educational material(s) about OWTDS proper use and maintenance that have been approved by the Department.
 - (12) Completed forms approved by the Department.
- (c) Sludge pumping and tank inspection. Sludge shall be periodically pumped from the tank to maintain proper functioning of the system. Tank inspections shall include sludge and scum levels, determination of the condition of baffles, where feasible, and determination of the integrity of the tank, walls, lids and other structural components, where feasible.
- (d) Use of qualified contractors to make required repairs to their OWTDS systems. In the event a qualified contractor is not available to do the work within the required time, the property owner may request the Department to arrange for the required repairs on a time and material cost basis. The property owner will agree to pay for Department acquired repair services by signing a work order prior to repairs and will be responsible for payment for all such service.
- (e) Educational materials for property owners that identify best practices for use and operation of OWTDS to optimize system performance and promote longevity.
- (f) The Department shall maintain copies of all current service contract agreements, approved OWTDS plans, and OWTDS inspection and deficiency reports and repair actions. These documents shall be treated as public records and maintained as part of the property's building permit files.

03 CBJAC 41.050 Responsibilities of the Property Owner.

Ownership of the OWTDS shall remain vested with the property owner, who shall at all times be responsible for the following:

- (a) Operating the OWTDS in a responsible manner to ensure all OWTDS components are operating to effectively treat waste, and in accordance with all operating manuals and instructions.

Appendix B

- b) Paying all costs associated with operating, maintaining, and repairing all components of the OWTDS. The property owner shall be responsible for contacting local plumbing service providers in the event of system backup or failure. The property owner shall contract with qualified technicians for repair and routine maintenance of mechanical, aerobic, and control systems in order to maintain warranties.
- c) Maintaining a continuous electrical supply to those OWTDS system components that require electricity to function.
- d) Providing the CBJ and/or service contractor clear unobstructed physical access to the OWTDS.
 - (1) Access shall be for the purpose of performing the services stated in the contract.
 - (2) The access route shall be of sufficient width and grade to accommodate a pump truck to service the OWTDS.
 - (3) All access to the OWTDS shall be at no charge to the CBJ or service contractor.
 - (4) Access shall be granted to the CBJ, and, if applicable, service contractor, to correct imminent threats to public health if the property owner fails to comply with required OWTDS repairs.
- e) Providing unobstructed service access to all septic or treatment plant lids and access ports. Access ports to septic or treatment tanks shall not be buried.
- f) Providing to the CBJ a copy of the OWTDS design plans, any special maintenance schedules or manufacturers' plant data, and the ADEC final approval to operate the wastewater system for the building permit file.
- g) Making the repairs and corrections noted in OWTDS Inspection and Deficiency Reports. The property owner shall have 30 calendar days within which to submit a proposed corrective action plan and contract for services in order to bring the affected system into compliance as identified in the report. All corrective actions shall be completed within 120 calendar days of Department approval of the corrective action plan. The property owner shall contact the Department for re-inspection to verify system repairs and shall provide documentation of the completed system repairs.
- h) Obtaining plan approval by both the Department and the ADEC, as required, for any reconstruction of the OWTDS. The property owner shall provide such plan approvals to the Department along with the corrective action plans. The property owner shall comply with ADEC permit requirements per 18 AAC 72.200.
- i) Notifying the Department within 30 days of any sale or transfer of the property and/or change to the service contract.

03 CBJAC 41.060 Service Fees.

- (a) The monthly fee for OWTDS inspection and maintenance services if provided by the Department under contract shall, at a minimum, be equal to the flat rate residential fee paid by property owners connected to the centralized wastewater systems. Monthly service fees shall be set to collect actual cost to the city for providing the service.
- (b) The CBJ shall evaluate and adjust the monthly fee, as needed, to meet the specific maintenance and inspection costs incurred by the CBJ in performing the contract services. These evaluations and adjustments in the fee will occur once every two years, coinciding with rate adjustments for the Wastewater Utility customers connected to the centralized wastewater systems.
- (c) Property owners who contract directly with a service contractor for the provision of OWTDS inspection and maintenance services as provided in 03 CBJAC.41.030, are not subject to the service fees provided for in this section.
- (d) On or before December 31, 2010, property owners previously under contract with the Public Works Department for OWTDS services who have contracted with a service contractor, may request credit for unexpended service fees. All requests for credit must be received by the close of business December 31, 2010.

03 CBJAC 41.070 Penalties and Fines.

- (a) A property owner who fails to make the required repairs or fails to submit an acceptable action plan within the required timeframe shall be subject to a non-compliance fine and enforcement action. A non-compliance fine of \$100.00 shall be charged to the property owner's utility bill at 30 calendar days for failure to file a corrective action plan with the Department, and/or at 120 calendar days for failure to make the required repairs. The property owner will be sent a letter giving notice that the required system repairs must be made within an additional 30 calendar days from the end of the 120 calendar day repair period.

- (b) A property owner who fails to make the required OWTDS repairs within 150 calendar days of approval of the corrective action plan shall be fined an additional \$200.00 for non-compliance and shall be sent written notice of water service shutoff within ten calendar days of receipt of notice if repairs are not made.
- (c) Any level of enforcement may be waived by the Department director, or their designee, if the property owner shows reasonable effort to comply with the OWTDS repair requirements. The Department director, or designee, shall have the authority to negotiate a compliance schedule with the property owner for correcting system deficiencies, and to waive the non-compliance fines as deemed appropriate.
- (d) If the Department director, or designee, determines that an OWTDS failure has occurred that endangers the public health and constitutes an emergency, the Department may take such steps as are necessary to resolve the problem, and to bill the property owner for the full costs of resolving the problem.

03 CBJAC 41.080 Definitions.

Access means the property owner shall provide access to the CBJ, or service contractor, to all parts of the system necessary for adequate inspection, sludge pumping, and emergency repairs.

Aeration means the mechanical application of oxygen to the wastewater to support microorganisms which synthesize organics.

ADEC means the Alaska Department of Environmental Conservation.

BOD means biochemical oxygen demand; the amount, in milligrams per liter, of oxygen used in the biochemical oxidation of organic matter in five days at 20 degrees C. BOD is used in measuring the waste loadings to a treatment system and in evaluating the BOD-removal efficiency of such systems.

CBJ means the City and Borough of Juneau.

Customer means the property owner.

Department means the City and Borough of Juneau Engineering Department.

Disinfect means to treat by means of chemical, physical, or other process, such as chlorination, ozonation, application of ultraviolet light, or sterilization designed to eliminate pathogenic organisms, and produce an effluent with the following characteristics:

- (A) An arithmetic mean of the values for a minimum of five effluent samples collected in 30 consecutive days that does not exceed 200 fecal coliform per 100 milliliter.
- (B) An arithmetic mean of the values for effluent samples collected in seven consecutive days that does not exceed 400 fecal coliform in 100 milliliters.

Effluent means the treated wastewater which is released into the environment (groundwater, rivers, or ocean).

Failure is defined to include:

- (A) The backup of sewage into a structure;
- (B) Discharge of effluent onto the ground surface;
- (C) Excessive sewer odors;
- (D) The connection of an OWTDS to a storm drain;
- (E) Liquid level in the septic tank or treatment plant above the outlet invert;
- (F) Structural failure of the septic tank or treatment plant;

Appendix B

- (G) Discharge of untreated or inadequately treated sewage onto the ground or into any stream or water body;
- (H) Improper operation of mechanical and/or electrical system components;
- (I) An operating liquid level in a disposal field above the outlet holes in the pipe of such field;
- (J) Water samples not meeting the Alaska Water Quality Standards criteria for surface drainages, and/or the Alaska Drinking Water Standards criteria for adjacent wells;
- (K) Substantial nonconformance with water well construction requirements as defined by ADEC;
- (L) Substantial nonconformance with water well isolation from contamination source requirements as defined by ADEC.

Fecal Coliform Bacteria means those bacteria that can ferment lactose at 44.5° C to produce gas in a multiple tube procedure; "fecal coliform bacteria" also means all bacterial that produce blue colonies with 24 +/- hours of incubation at 44.5 (+/- 0.2°) C in an M-FC broth medium.

Major residential subdivision means subdivision of residentially zoned lands consisting of four or more newly created lots.

OWTDS means onsite wastewater treatment and disposal system, approved for installation by ADEC and inspected and approved for operation by the CBJ.

Package treatment plant means an alternate onsite wastewater treatment system that is a manufactured modular system for domestic wastewater that typically includes both primary and secondary treatment, and serves less than 25 persons; "package treatment plant" does not include septic or holding tanks.

Property owner/user means any person, or persons, who have legal title to the subject premises and/or property.

Septic tank means a watertight, covered receptacle designed and built to

- (A) Receives domestic wastewater;
- (B) Separate floating solids and settling suspended solids from the liquid;
- (C) Anaerobically digest organic matter;
- (D) Store digested solids through a period of detention; and
- (E) Allow clarified liquids to discharge for final disposal.

Service contractor means a contractor approved by the Department and by the treatment system manufacturer to maintain the OWTDS.

Sludge means a solid, semisolid, or liquid waste that contains at least five percent solids by weight and that is generated in a wastewater treatment plant or septic tank.

Soil absorption system means a surface or subsurface system using soil for the treatment and disposal of effluent from a domestic wastewater treatment works; "soil absorption system" includes drain fields, leach fields, seepage beds, or seepage pits, but does not include a cesspool.

TSS means total suspended solids and refers to that portion of the total solids which are retained by a filter. Total solids refer to matter suspended or dissolved in wastewater and includes TSS and total dissolved solids (that portion that passes through the filter).

Wastewater utility means the CBJ Wastewater Utility administered through the Department of Public Works.

Alaska Department of Environmental Conservation (ADEC) and City and Borough of Juneau (CBJ)

Permit and Approval Process

for Installing Onsite Wastewater Treatment and Disposal Systems (OWTDSs)

South Lena Subdivision

Responsibilities of the Property Owner

Step 1: Engineered Design.

Hire a licensed professional engineer to design an OWTDS appropriate for the specific lot where it will be installed.

Step 2: ADEC Approval to Construct.

Submit the engineered design, application information, and required fees to ADEC for review in order to obtain ADEC's "Approval to Construct" the OWTDS. ADEC review fees currently range from \$270 - \$640, depending on the size of the house and whether or not a waiver is required. Typically, the engineer who designs the system will submit all necessary information to ADEC. ADEC's review time is estimated to take 30 days. For more detailed information regarding what is required to obtain ADEC approval, go to: http://www.dec.state.ak.us/water/wwdp/onsite/ww_planreview-cklist.htm

Step 3: CBJ Utility Permit and Customer Service Agreement.

Complete the OWTDS permit application checklist, available online at: <http://www.juneau.org/cddftp/documents/OWTDSPermitChecklist.pdf>. Submit the application for an OWTDS "Utility Permit" to the CBJ Permit Center. This application can accompany the building permit application for a new house, or it can be a stand alone application. This application package must include the following:

1. ADEC's Approval to Construct documentation and ADEC-approved construction plans (See Step 2).
2. A site plan that identifies the following:
 - (a) Vehicular access route (to accommodate a pump truck to service the treatment plant)
 - (b) Electrical supply route
 - (c) OWTDS location
 - (d) Drain field size and location
 - (e) Inspection port location
 - (f) Sewer line location (from house to treatment plant)
 - (g) Topographic information of the lot
3. **\$100 CBJ permit application fee.**

Following review of the application, an OWTDS "Utility Permit" is issued.

Step 4: Installation and Inspection of OWTDS.

Install OWTDS. Contact CBJ Permit Center to arrange for an inspection before burial of the treatment plant or drain field. CBJ must inspect and approve the installation.

Step 5: OWTDS As-Built Drawings.

Hire licensed engineer/surveyor to prepare as-built drawings of OWTDS. This step should be done in conjunction with any other as-built survey requirements for the house.

Step 6: ADEC Approval to Operate.

Submit ADEC “Certificate of Construction” form (requires signature from property owner, contractor, and engineer), record drawings (if required), and verification that any conditions placed on the “Approval to Construct” have been met, to ADEC. Obtain ADEC’s “Final Approval to Operate.”

Step 7: CBJ Final Approval of OWTDS Utility Permit.

Contact CBJ Permit Center to obtain final approval of the Utility Permit. To obtain CBJ final approval, the OWTDS installation must be approved by a CBJ inspector and the following must be submitted:

1. A signed customer service agreement with a CBJ-approved, manufacturer-certified contractor or with the CBJ per 03 CBJAC 41.030 et al.
2. OWTDS as-built drawing(s) (See Step 5).
2. ADEC’s “Final Approval to Operate” (See Step 6).

Step 8: Temporary Certificate of Occupancy or Final Certificate of Occupancy.

Contact CBJ Permit Center to obtain a “Temporary Certificate of Occupancy” or a final “Certificate of Occupancy.” Final CBJ approval of the OWTDS Utility Permit must occur prior to issuance of either a Temporary Certificate of Occupancy or a Certificate of Occupancy. Monthly fees under customer service agreements with the CBJ shall commence upon issuance of either a temporary or final certificate of occupancy, whichever occurs first.

Contact Information:

CBJ Permit Center

Physical Address: Marine View Building
230 S. Franklin St., 4th Floor
Juneau, AK
Mailing Address: 155 S. Seward St.
Juneau, AK 99801
Telephone: (907) 586-0770
Fax: (907) 586-3365
Email: PERMITS@ci.juneau.ak.us

ADEC

Physical Address: 410 Willoughby Ave.
Juneau, AK
Mailing Address: P.O. Box 111800
Juneau, AK 99811-1800
Telephone: (907) 465-5167
Fax: (907) 465-5274
Website: http://www.dec.state.ak.us/water/wwdp/onsite/ww_planreview-ccklist.htm