

Date Received 9/10/2025	State of Alaska Department of Environmental Conservation Documentation of Construction	EDMS #: DOC-03916
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General Information

Site Name	Betty Goodrich No 2 Lot 5 Block 1	PAN or Tax ID#	13165005
Street Address	47979 Melinda Way Soldotna AK 99669	Borough/Muni/ Census Area	Kenai Peninsula Borough
Qualified Person	Justin Tracey Certified Installer Certification No. 2547 T Excavating LLC justin@texcavating.com		
Signature	<i>E-signed by: Justin Tracey</i>		Signature Date 9/10/2025

Wastewater Disposal System Information

Information provided below is a selection of the information provided. Refer to the attached "Document of Construction – Part 2" EDMS documentation for additional information.

Type of System	Conventional Wastewater System		System Install Date	6/18/2025
Facility Served	Facility: Private Residence			
	Total # of Bedrooms: 3	Total # of Buildings: 1	Peak Wastewater Flow (gpd): 450	
New or Replacement System: New System				
Septic Tank	Capacity (gal): 1000	# of Compartments: 2	Material: Steel	Manufacturer: Greer
Leach Field	Type of Field: Deep Trench		Effective Area (sq ft): 450	
Leach Field Dimensions	Length(ft): 45	Width(ft): 2	Effective Depth (ft or in): 5'	
Soils	Classification: SP (Poorly Graded Sand)		Application Rate: 150 SF/Bedroom	Percolation Rate: N/A
Testhole	Date: 06/18/2025	Depth: 16ft	Groundwater: Yes at 16ft	Impermeable Soils: No
On Lot Water Source	No well drilled at time of installation			
Separation Distances	Prescriptive horizontal and vertical separation distances have been met.			
Criteria used to size commercial facility/Comments (<i>state type of facility, # people, gpd/person, etc</i>): * No well onsite at time of installation.				

For DEC Use Only. Refer to "Document of Construction – Part 2" EDMS documentation for additional information

Processing Date: 9/23/2025	DEC Staff Name/Initials: RP
DEC Processing Comments:	

Disclaimer: The Department's publication of this registration package does not guarantee correctness or functionality of the system installation or waive responsibility for continued compliance with state regulations. ADEC reserves the right to re-evaluate submitted documents if additional information becomes available.

Document of Construction - Part 2

version 2.2

Digitally signed by:
dec.alaska.gov
Date: 2025.09.10 16:02:03 -08:00
Reason: Submission Data
Location: State of Alaska

(Submission #: HQF-GPVE-ZM16M, version 1)

Details

DOC - 47979 Melinda Way, BETTY GOODRICH SUB NO 2 5 1

Submission ID HQF-GPVE-ZM16M

Form Input

Contact Information

Note: The system automatically collects the information on who is filling out the form.

Qualified Person:

Certified Installer

Certified Installer

First Name

Justin

Last Name

Tracey

Company Name

T Excavating LLC

Phone Type

Business

Number

NONE PROVIDED

Extension**Email**

justin@texcavating.com

Address

[NO STREET ADDRESS SPECIFIED]

[NO CITY SPECIFIED], [NO STATE SPECIFIED][NO ZIP CODE SPECIFIED]

Certification Number

2547

Information Header

This field is for the person filling out the form and auto-filled. If the person filling out the form is other than the qualified person, they are not automatically added to the site and need to be added as an authorized user to the site.

Person Filling out the Form

First Name

Justin

Last Name

Tracey

Company Name

NONE PROVIDED

Email

justin@texcavating.com

Additional Contact Information (1 of 1)

Contact to receive notifications

Property Owner is strongly recommended to be added for every installation and may become a required field in the future. Providing the email address will allow the contact to receive notifications.

Contact Roles

NONE PROVIDED

Contact

First Name

NONE PROVIDED

Last Name

NONE PROVIDED

Email

NONE PROVIDED

Site Information

Site Location Information

Site information inherits from previously submitted information from the 24 hour notification. Please confirm the locational information prior to submission.

System Installation Date:

06/18/2025

Type of facility (On lot wastewater flow <1500 gpd)

Private Residence

Total number of bedrooms

3

Total number of buildings connected to the system (i.e., service connections)

1

Peak wastewater flow (gpd)

450

Is this a new system or a repair or replacement of an existing system

New System

Describe decommissioning/inspection results of existing components

NONE PROVIDED

Do you have any comments/recommendations for this system?

NONE PROVIDED

Site Information

Review the information submitted on the 24-hour notice below and make any needed updates.

PAN or Tax ID#

NONE PROVIDED

Property Street Address

47979 Melinda Way

Soldotna, AK 99669

Borough/City/Municipality

Kenai Peninsula Borough

Site Latitude and Longitude

60.464164,-151.155386

Legal Description

Properties that have been subdivided have are those with a subdivision name, plat number, survey number, and/or lot and block number.

Examples:

Moose Range Meadows Addition Number 1 Lot 5 Block 4
ASLS (Alaska State Land Survey) Lot 5
USS (United States Survey) 3054 Lot 18

Is Property Subdivided?

Yes

Subdivision Name

BETTY GOODRICH SUB NO 2

Lot number

5

Block Number

1

Tract Number

NONE PROVIDED

Apartment/Unit Number/Unique Building Identifier

NONE PROVIDED

Meridian Township Range Section

For properties that have been subdivided, this section is optional.

Properties that have been subdivided are those with a plat number, a survey number, a subdivision name, and/or a lot and block number.

Meridian, Township, Range, Section

Meridian	Quadrant	Township	Range	Section(s)	Additional Legal
NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

Conventional System Information

Septic Tank

If this is an existing septic tank, you must still enter the tank capacity. Decommissioning/inspection results are to be entered in the previous section.

Septic Tank Details

Capacity (gallons)	Number of compartments	Material	Manufacturer
1000	2	Steel	Greer

Lift Station

Was a lift station installed?

No

Soil Absorption System (SAS) Details

Field Type
Deep Trench

SAS Details

Length (ft)	Width (ft)	Effective Depth (ft or inches - please indicate)	Effective Area (sq. ft)
45	2	5'	450

SAS Distribution Medium

SAS Distribution Medium Details

What SAS medium did you install?	Rock Grade	Number of Units	Manufacturer/Type
Sewer Rock	Fine		

Sand liner installed?

No

Freeze Protection

Freeze Protection Details

---	Sewer Lines	Septic Tank	Soil Absorption System
Soil Cover (feet)	5	5	5
Insulation (inches)	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

Soil Information

Soils

Visual and Percolation Test

Soils classified as GM, SM, SC, ML, require a percolation rate and attachment unless otherwise exempted by the Department*

*The Fairbanks silt loam and Fairbanks fractured schist is the only such soils that this applies to currently

Soil and Percolation Test Details

Classification	Application Rate	Units	Percolation Test performed?	Percolation Rate
SP (Poorly Graded Sand)	150	SF/Bedroom	No	

Test Hole Details

Test Hole Date	Test Hole Depth (ft)	Groundwater / Seeps	At distance below original grade (ft)	Impermeable soil (clay / bedrock / permafrost)	At distance below original grade (ft)
06/18/2025	16	Yes	16	No	

Separation Distance

Separation Distance Instructions

This section is to verify all separation distances have been met including but does not include all scenarios. Submitted plan view diagrams along with the DOC or record drawings must show all separation distances have been met.

Separation distances must be listed to the nearest half foot. If the feature is more than 1.5 times the minimum separation distance, an internet map with aerial imagery may be used to estimate the distance.

Have all separation distance requirements been met?

Yes

On lot water source

Other: No well drilled at time of installation

Separation Distance from On Lot Water Source to Nearest Wastewater System Component

Wastewater System Component	Distance (ft) to On Lot Water Source
Septic Tank/ATU/Package Plant/WW Holding Tank	NONE PROVIDED
Soil Absorption System/Land Surface Discharge	NONE PROVIDED
Private Sewer Line/Basement Sump	NONE PROVIDED

Separation Distance from On Lot Water Source to Nearest Wastewater System Component

Wastewater System Component	Distance (ft) to On Lot Water Source
Lift Station/Manholes	NONE PROVIDED
Community Sewer Line	NONE PROVIDED
Fuel Tank and Line	NONE PROVIDED

Separation Distance from Listed Feature to Nearest Wastewater System Component

Feature	Wastewater System Component	Distance (ft)
Neighboring Private Well	NONE PROVIDED	NONE PROVIDED
Nearby Public Well or Surface Water Intake	NONE PROVIDED	NONE PROVIDED
Nearest Surface Water	NONE PROVIDED	NONE PROVIDED
Slopes Exceeding 25%	NONE PROVIDED	NONE PROVIDED
Property Line	NONE PROVIDED	NONE PROVIDED

Separation Distances from Bottom of Distribution Media and/or Leachfield to Seasonal High Water Table and Impermeable Soils (ft)

Vertical Separation Distance	Distance (ft)
Seasonal High Water Table	>4'
Impermeable Soils	>6'

Notes/Comments for Separation Distances

No well onsite at time of installation.

Attachments

For individuals submitting a combined document. Please order the documents by diagrams, percolation test information, photos, and any additional information.

A link to the required diagrams and a downloadable photo log is below.

[Combined diagram and photo log downloads](#)

How would you like to submit your attachments?

Multiple Attachments

Plan View Diagram

[Site Plan.pdf - 09/10/2025 03:58 PM](#)

Comment

NONE PROVIDED

System Profile View Diagram

[System Profile.pdf - 09/10/2025 03:59 PM](#)

Comment

NONE PROVIDED

Soil Absorption System Cross Section View Diagram and Testhole log Attachment

Cross Section.pdf - 09/10/2025 03:59 PM

Comment

NONE PROVIDED

Engineer's Soil Report and/or Percolation Test and/or Soil Classification from an Engineer Soil Testing Lab

NONE PROVIDED

Comment

NONE PROVIDED

Photos

PHOTO-2025-06-18-14-13-35.jpg - 09/10/2025 04:00 PM

PHOTO-2025-06-18-14-13-57.jpg - 09/10/2025 04:00 PM

PHOTO-2025-06-18-14-14-38.jpg - 09/10/2025 04:00 PM

PHOTO-2025-06-18-14-14-49.jpg - 09/10/2025 04:00 PM

PHOTO-2025-06-19-22-12-36.jpg - 09/10/2025 04:00 PM

Comment

NONE PROVIDED

Sand Liner Gradation Analysis or Other Report Indicating Material Specifications were met

NONE PROVIDED

Comment

NONE PROVIDED

Supplemental Information

NONE PROVIDED

Comment

NONE PROVIDED

Agreements and Signature(s)

By submitting this form I assert, to the best of my knowledge and belief, that the information submitted accurately represents the onsite wastewater system as constructed.

NOTE: Upon submission, this application applies an engineers e-signature and date with an engineering seal; engineers must print and place an original hand signature over the seal and retain an original copy of the documents accessible for later reference to satisfy the requirements of 12 AAC 36.185(f).

Signed Justin Tracey on 09/10/2025 at 4:00 PM
By

Betty Goodrich Sub No 2,

Legal Description:

Lot 5, Blk 1

Installer Name:

Justin Tracey

Date Installed:

06/18/2025

Part V. Soil Absorption System Cross Section View Diagram and Testhole Log

Instructions for Diagram: (use space below or attach additional sheets as necessary; engineers may attach separate sealed record drawings)

1. In a CROSS SECTION VIEW of the soil absorption system identify and label the following: Soil Absorption Medium
 Final Grade Original Grade (major grade changes) Filter Fabric Monitor Tubes Soil Cover and Insulation
 Drainfield Pipe Depth of Sewer Rock and Sand Liners, if applicable, in the Soil Absorption System Vertical Separation
 Distance Between Soil Absorption System and Groundwater/Impermeable Soils

2. In the CROSS SECTION VIEW, the system drawing should be vertically to scale and correspond to the depth indicated by the testhole log. Indicate soil(s) type, groundwater, and impermeable soils encountered in testhole.

Groundwater/Seeps: Yes No At (feet below original grade): 16'

Impermeable Soils (Clay/Bedrock/Permafrost): Yes No At (feet below original grade):

Testhole Log

Soil Absorption System Cross Section

Testhole Inspected By:	+5 ft	
JT	+4 ft	
	+3 ft	
	+2 ft	
Date:	+1 ft	
06/18/25	0 ft	✓ ✓ ✓
	Original Grade	
Topsoil	1 ft	[Diagram: Hatched area representing topsoil]
	2 ft	
SP	3 ft	[Diagram: Filter fabric, separator, and absorption medium layers with a 'Typer' label pointing to a layer at approximately 5.5 ft depth]
	4 ft	
	5 ft	
	6 ft	
	7 ft	
	8 ft	
	9 ft	
	10 ft	
	11 ft	
	12 ft	
13 ft		
14 ft		
15 ft		
16 ft	← water table	
17 ft		
18 ft		
19 ft		
20 ft		
21 ft		
22 ft		

Legal Description: Betty Goodrich Sub No 2
Lot 5, Blk 1

Installer Name: Justin Tracey

Date Installed: 06/18/25

Part III. Plan View Diagram

Instructions for Diagram: (use space below or attach additional pages as necessary; engineers may attach separate sealed record drawings)

1. In a PLAN VIEW, identify and label all of the following: On Lot Drinking Water Source Waterline(s) Surface Water
 Septic Tank Soil Absorption System Fuel Tank(s) (identify above or below ground and size) Property Line(s) Testhole
 All Sewer Lines and Perforated Pipe All Cleanouts and Monitor Tubes All Structures Slopes >25% and >10 feet in height
 Closest Well on Adjacent Property (identify classification) Closest Septic Tank and Soil Absorption System on Adjacent Properties

2. In the PLAN VIEW, label the horizontal separation distances, to the nearest half foot, between well(s), water lines, and surface water high water boundary to all potential sources of contamination listed above in accordance with Section 40.06 Typical Site Plan in the Onsite Wastewater System Installation Manual. Label separation distance between soil absorption system and slopes exceeding 25%. Label the size of each septic system component using appropriate units. Identify fittings used at bends and junctions.

33395 ECHO LAKE RD

MELINDA WAY

13165005

- * No standing water
- * No well onsite @ time of install

47979 MELINDA WAY

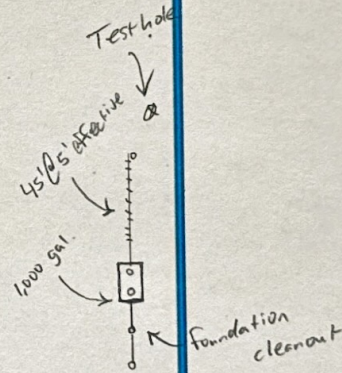


47955 MELINDA WAY

47929 MELINDA WAY

ECHO LAKE RD

33325 ECHO LAKE RD









Legal Description: Betty Goodrich Sub No 2,
Lot 5, BIK 1

Installer Name: Justin Tracey

Date Installed: 06/18/25

Part IV. System Profile View Diagram

Instructions for Diagram: (use space below or attach additional sheets as necessary; engineers may attach separate sealed record drawings)

1. In a PROFILE VIEW of the entire septic system (from foundation cleanout to disposal field), identify and label the following: Original Grade (major grade changes)
 Final Grade Soil Cover and Insulation Sewer Lines Sewer Line Junctions (if applicable) Slopes/Drops of Sewer Lines Cleanouts and Monitor Tubes
 Lift Station/Sump Septic Tank(s) Soil Absorption System Filter Fabric

