

January 7, 2026

To: Municipality of Anchorage-Onsite Services Technical Review Board

From: Charles F. Cobb, P. E. AECL 8332

**RE: REQUEST FOR UNCONDITIONAL CERTIFICATE OF ONSITE SYSTEM APPROVAL WITH ADVISORY NOTICE PER MOA POLICY W.05**

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The following information represents an appeal for a *Certificate of Onsite System Approval* (COSA) for the onsite wastewater disposal system described in permit SW 010332 approved on March 15, 2002 by the Municipality of Anchorage (MOA).

An unconditional COSA approval is requested based on the technical merits of the permitted design and construction, observed performance during the COSA inspection, and maintenance records consistent with the requirements of Anchorage Municipal Code (AMC) 15.65.

Item 1 in Section E of AMC 15.65.060 states:

The department shall issue a COSA if the department finds information provided by the engineer demonstrates the system for which the certificate is sought is in compliance with this section, the system's approved final inspection report and record drawings, and does not presently create a health hazard.

The current COSA Checklist is included in Attachment 1. Attachment 2 is a waiver request from the inspection engineer describing the findings of the inspection including justifications for four issues identified by the engineer as requiring waivers. The respective fees were paid to the MOA. A current as-built drawing is presented in Attachment 3. Notably, the engineer states:

Granting these waivers should not cause any eminent health hazard concerns or adverse effects to the homeowners or neighboring lots. At no point during the septic system adequacy test exceed the invert elevation listed on the historical records.[SIC] The Septic tank water levels were steady during the test. There are no signs of overflowing sewage or other deficiencies with the tank except for it's age and documentation status.

The inspection engineer raised concerns about the age of the septic tank and referred to it as "undocumented." However, the septic tank was documented in 2001 in the MOA permit SW010332 when a new lift station and drain field were installed. The documentation meets the requirements of the current COSA guidelines. There is no limit on the age of a septic tank in AMC 15.65 or the COSA Guidelines; rather the evaluation is based on the performance of the system. The age of septic tanks is addressed in MOA Policy W.05.

In an email on January 5, 2026 included in Attachment 4, the MOA rejected my specific request for an unconditional COSA based on their complaint that the age of the tank was not specified in permit SW010332 and their records for a septic tank installed in 1973, apparently believing the

existing septic tank is over 52 years old. The MOA discounts permit number SW010332 for the existing system which they issued and dismisses a legal affidavit which I provided to the MOA dated September 12, 2025, included as Attachment 5, attesting to the installation of the tank in 1997 and its current condition.

In fact, as a tenant of the house in the summer of 1997, I witnessed a sinkhole develop in the yard due to the collapse of the septic tank, presumably the one installed in 1973. I informed the landlord who promptly replaced the tank. In July 1998, my wife and I purchased the home from the landlord, prior to the promulgation of the COSA rules. In 2001, the cribbing drainfield installed in 1973 failed. As a qualified Alaska registered civil engineer, I designed and constructed the existing replacement system that includes a 700 gallon lift station and deep trench drainfield. The system was designed for a 4 bedroom home, even though the existing home is only a three bedroom home, planning ahead for an addition that never happened. I have maintained the system diligently in general accordance with the *MOA Owners Guide to Operation and Maintenance of Onsite Water and Wastewater Systems*, as demonstrated in the incomplete service records provided by JRs Septic Service included in Attachment 6.

As noted in the COSA Checklist included in Attachment 1, the effluent level in the septic tank was measured by the inspection engineer at 4.1 feet from the bottom of the tank. This is within 1 inch of the design invert on a new 1000 gallon steel tank from Anchorage Tank as seen in the diagram presented in Attachment 7, without accounting for tank wall thickness or precision of measurement. This indicates that the existing septic tank is holding effluent at the design level. The existing septic tank and lift station are also buried in relatively low permeability glacial till, which further reduces the risk from any leakage that may occur, and supports the fact that the existing onsite wastewater system does not present a risk to human health or the environment.

In conclusion, the existing onsite wastewater disposal system approved by the MOA is less than 25 years old and performing in accordance with the design and the requirements of AMC 15.65. The septic tank component is less than 29 years old and performing in accordance with the design and the requirements of AMC 15.65. However, because the system is between 20 and 30 years old, an advisory notice in accordance with MOA Policy W.05 is merited with the unconditional COSA.

Further, I certify by signature that the information presented in this memorandum is an accurate representation of the known information and the observed and expected performance of the respective onsite wastewater disposal system at Lot 7, Block 8 of Lake Ridge Terrace Subdivision.



Charles F. Cobb, P.E.

AELC 8332

Attachment 1—COSA Checklist for Lot 7, Block 8 Lake Ridge Terrace

Attachment 2—Waiver Request from Frosted Ground Engineering Services

Attachment 3—As-built drawing

Attachment 4—Email from MOA to Cobb dated January 5, 2026 with chain

Attachment 5—Affidavit from Cobb dated September 12, 2025

Attachment 6—Service records from JR's Septic Service

Attachment 7—Specifications for Standard Septic Tank

**Appeal - 1440 W Lakeridge Dr**  
**COSA Checklist**

**Legal Description:** \_\_\_\_\_ **Parcel ID:** \_\_\_\_\_

If more than 1 well and/or septic system on lot, provide separate checklist. Structure served by this system \_\_\_\_\_

**A. WELL DATA**

Well log is filed with Onsite (or attached)

Date drilled \_\_\_\_\_ Total depth \_\_\_\_\_ ft

Cased to \_\_\_\_\_ ft

Sanitary seal is functioning correctly

Wires are properly protected

Casing height (above ground) \_\_\_\_\_ in.

Date of flow test for COSA \_\_\_\_\_

Static water level at beginning of test \_\_\_\_\_ ft.

Comments \_\_\_\_\_

Well production at time of test \_\_\_\_\_ gpm

Water storage tank volume \_\_\_\_\_ gallons

Well disinfected for coliform test?  Yes  No

Coliform bacteria is Negative

Nitrate \_\_\_\_\_ mg/L  Nitrate less than MRL (ND)

Arsenic \_\_\_\_\_ ug/L  Arsenic less than MRL (ND)

Collected by \_\_\_\_\_

Date \_\_\_\_\_

**B. TANK DATA**

Measured operating fluid level in septic tank \_\_\_\_\_

Date of pumping \_\_\_\_\_

Required maintenance completed, if AWWTS

Comments: \_\_\_\_\_

**C. LIFT STATION**

Required maintenance completed

Age of lift station \_\_\_\_\_ years

Lift station material \_\_\_\_\_

Comments: \_\_\_\_\_

**D. DISPOSAL FIELD DATA**

Which system tested (date installed) \_\_\_\_\_

ALL standpipes present per record drawing

Total measured depth from grade \_\_\_\_\_ ft (max)

Measured depth to pipe invert from grade \_\_\_\_\_ ft (min)  
 N/A – pressurized field.

Per record drawings, field is insulated.

Monitor tubes go to bottom of effective.

If not, state depth into effective \_\_\_\_\_

Presoaked required if

(Required if house vacant or field not used for more than 30 days prior to date of test)

Gallons introduced \_\_\_\_\_ gallons \_\_\_\_\_ date

Any rejuvenation treatment (past 12 months) \_\_\_\_\_

If yes, enter date \_\_\_\_\_

Adequacy test date \_\_\_\_\_

Results  Pass

Fluid depth prior to test \_\_\_\_\_ in

Water added \_\_\_\_\_ gal

New fluid depth \_\_\_\_\_ in

Elapsed time \_\_\_\_\_ min

Final fluid depth \_\_\_\_\_ in

Absorption rate \_\_\_\_\_ gpd

**FIELD STATUS – POST RECOVERY**

Effective depth (per record drawings) \_\_\_\_\_ in

Effective depth used \_\_\_\_\_ in

Effective depth remaining \_\_\_\_\_ in

Comments/Deficiencies: \_\_\_\_\_

**E. SEPARATION DISTANCES****From Well on Lot to:** (Please enter distances if less than required)

Septic Tank/Lift Station on Lot $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft	Sewer Manhole/Cleanout $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft
Neighboring Tank $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft	Sewer Service/Septic Line $\geq$ 25'	<input type="checkbox"/> Yes if No _____ ft
Disposal Field on Lot $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft	Holding Tank $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft
Neighboring Disposal Fields $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft	Animal Containment $\geq$ 50'	<input type="checkbox"/> Yes if No _____ ft
Sewer Line/Main $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft	Manure/Animal Excreta Storage $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft

 N/A – Served by Community Well (not on lot) or Public Water**From Septic/Holding Tank and Disposal Field(s) on Lot to:** (Please enter distances if less than required)

Tank to Foundation $\geq$ 10'	<input type="checkbox"/> Yes if No _____ ft	Surface Water $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft
Field to Foundation $\geq$ 10'	<input type="checkbox"/> Yes if No _____ ft	Wells on Adjacent Lots:	
Tank to Property Line $\geq$ 5'	<input type="checkbox"/> Yes if No _____ ft	Wells $\geq$ 100'	<input type="checkbox"/> Yes if No _____ ft
Field to Property Line $\geq$ 10'	<input type="checkbox"/> Yes if No _____ ft	Community Wells $\geq$ 200'	<input type="checkbox"/> Yes if No _____ ft
Water Main/Service Line $\geq$ 10'	<input type="checkbox"/> Yes if No _____ ft	If tank or field is under driveway comment below	

**F. ENGINEER'S COMMENTS**


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**G. CERTIFICATION & STATEMENT OF INSPECTION BY ENGINEER**

As certified by my seal affixed hereto and as of the validation date shown below, I verify that my investigation, based on procedures outlined in the Certificate of On-Site Systems Approval Guidelines, indicates that the on-site water supply and/or wastewater disposal system appears to comply with applicable Municipal and State codes, ordinances, and regulations in effect at the time of installation, unless noted otherwise.

Name of Firm \_\_\_\_\_ Phone \_\_\_\_\_

Engineer's Printed Name \_\_\_\_\_ Date \_\_\_\_\_



MOA Development Services, On-Site Water & Wastewater Program  
4700 Elmore Road  
Anchorage, AK 99507

## Lake Ridge Terrace #1 Block 8 Lot 7 – 14407 W Lakeridge Drive Waiver

To whom it may concern,

The owner of the aforementioned lot has a 3-bedroom home on the property with a septic system that is nearing the end of its life. The current system consists of a steel 1,000-gallon tank (installed in 1997, an undocumented system), a 700-gallon steel lift station, and a pressurized 112 ft deep trench (uphill of the tank) being utilized. During the COSA, the following deficiencies were noted, and waivers are being requested.

1. Lift Station to Well Waiver: Similar to the septic tank waiver in the 2001 Permit, the lift station requires a waiver for being approximately 84' from the well. We are requesting that a similar logical application for the septic tank to well be applied to the lift station as well. As stated in that application, effluent is treated well within the native substrate in a short distance and the homeowners daylight basement would serve as an obstacle for the path of flow.
2. Lift Station to Surface Water (Fire Lake) Waiver: Similar to the septic tank waiver in the 2001 Permit, the lift station requires a waiver for being approximately 84' from the surface water (Fire Lake). We are requesting that a similar logical application for the septic tank to surface water be applied to the lift station as well. As stated in that application, effluent is treated well within the native substrate in a short distance and the homeowners daylight basement would serve as an obstacle for the path of flow.
3. Tank to Foundation Waiver: Using a load distribution prism at a 1:1, starting at the bottom of the foundation (EL. 78.6 ft) the bottom third of the tank (bottom EL. of 72.74 ft) is within that prism. Since the time of installation, there appears to have been no problems from this load distribution. Given this length of time in operation, it is likely that the active earth pressures along the sidewall of the tank have not been detrimental to its operation.
4. Drainfield under Driveway Waiver: Using the as-built documentation contours, it appears that the driveway is at approximately EL. 90 ft to 92 ft. The elevation of the pressurized pipe appears to be at EL. 83.7 ft. Additionally, there is insulation installed over the drainfield. Given a minimum of six feet of cover (likely more), the load distribution of the traffic activity dissipates prior to reaching the insulation and PVC pipe. This makes it a minimal concern for the system.

Granting these waivers should not cause any eminent health hazard concerns or adverse effects to the homeowners or neighboring lots. At no point during the septic system adequacy test exceed the invert elevation listed on the historical records. The Septic tank water levels

000007

Appeal - 1440 W Lakeridge Dr

Frosted Ground Engineering Services, LLC

Project No. P20250902

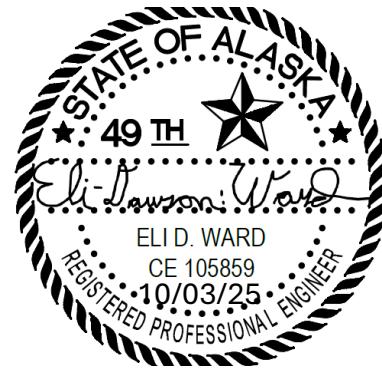
were steady during the test. There are no signs of overflowing sewage or other deficiencies with the tank except for it's age and documentation status.

If there are any questions, comments, or concerns, please do not hesitate to contact via phone: (907) 398-5272 or email: Eli@fg-eng.com.

Sincerely,

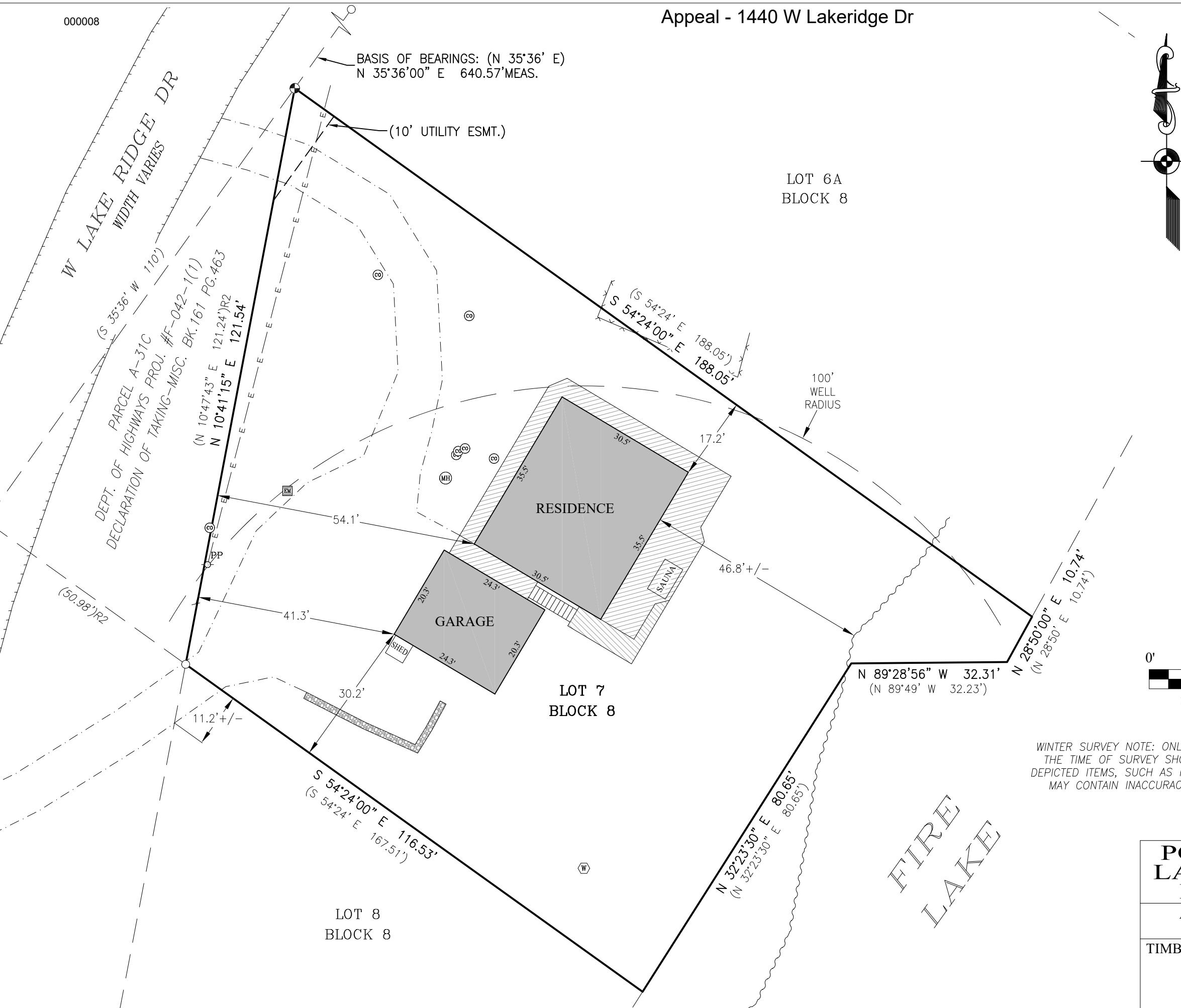
Eli D. Ward, PE

Principal Engineer



# Appeal - 1440 W Lakeridge Dr

000008



ASPLS MORTGAGE LOCATION SURVEY NOTES:  
NO TITLE REPORT WAS PERFORMED FOR THIS SURVEY, EASEMENTS SHOWN PER THE RECORD PLAT. THERE MAY BE ADDITIONAL EASEMENTS NOT SHOWN HEREON. THIS MORTGAGE LOCATION SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH ASPLS MORTGAGE LOCATION SURVEY STANDARDS. IT IS A REPRESENTATION OF THE CONDITIONS THAT WERE FOUND AT THE TIME OF THE SURVEY. THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY AND IS SUBJECT TO ANY INACCURACIES THAT A SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE. THE INFORMATION CONTAINED IN THIS DRAWING SHALL NOT BE USED TO ESTABLISH ANY FENCE, STRUCTURE, OR OTHER IMPROVEMENTS. UNLESS GROSS NEGLIGENCE IS DISCOVERED, THE LIABILITY EXTENT OF THE PREPARER SHALL BE LIMITED TO THE AMOUNT OF FEES COLLECTED FOR SERVICES IN PREPARATION OF THIS PRODUCT.

## LEGEND

- ( ) RECORD DATA PER PLAT #64-82
- (●) FOUND CONCRETE ROW MON.
- (○) FOUND 5/8" REBAR, NO CAP
- - - EDGE OF GRAVEL DRIVEWAY
- - - EDGE OF ASPHALT
- - - EDGE OF WATER
- - - FENCE
- - E OVERHEAD UTILITIES
- PP POWER POLE
- GUY WIRE
- EM ELECTRIC METER
- CO SEPTIC PIPE
- MH SEPTIC TANK LID
- W WELL
- DECK
- GABION WALL



WINTER SURVEY NOTE: ONLY IMPROVEMENTS VISIBLE AT THE TIME OF SURVEY SHOWN HEREON. GRAPHICALLY DEPICTED ITEMS, SUCH AS PATIOS, DECKS, & DRIVEWAYS, MAY CONTAIN INACCURACIES DUE TO SNOW COVER.

AS-BUILT OF:

**PORTION OF LOT 7, BLOCK 8  
LAKE RIDGE TERRACE SUBD.  
FIRST ADDN., PLAT #64-82**

ADDRESS: 1440 W LAKE RIDGE DR, EAGLE RIVER, AK  
LOCATED IN: ANCHORAGE RECORDING DISTRICT

TIMBERLINE SURVEYING AND MAPPING 17035 BARONOFF AVE EAGLE RIVER, AK 99577 907-242-5320 ryan@timberlinealaska.com	MOA GRID: NW0553 FILE NO.: 25.268 SCALE: 1" = 20 FEET DATE: 12/21/2025 SHEET: 1 of 1
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**RE: COSA FOR LAKE RIDGE TERRACE 1 BLOCK 8 LOT 7 PARCEL ID  
05132223000**

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From Townsend, Curtis L. <Curtis.Townsend@anchorageak.gov>  
To C Cobb<ccobb@cobbcreek.us>, Eli Ward<frostedgroundengineering@gmail.com>, Michael Tavoliero<tavolieroteam@gmail.com>  
CC King, Daniel T.<Daniel.King@anchorageak.gov>  
Date Monday, January 5th, 2026 at 9:03 PM

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Charles,

We will not issue an unconditional COSA on this property. The code path we have allows us to issue a conditional COSA, hold money in escrow and have the tank replaced within the permitted time period. Here is the info we are relying on:

History of this property:

<https://onsite.muni.org/WebLink/DocView.aspx?id=68567&dbid=0&repo=Onsite>

1973 IR report that a 1000 gal steel septic tank was installed

2001 permit was to leave septic tank in place and add a lift station.

Specifications state:

The downstream end of the existing 1000 gallon septic tank shall be excavated and inspected for integrity, and replaced only if necessary

If the existing septic tank is adequate, a 500 gallon lift station shall be installed at the location shown in Figure 2.

In 2001 Charles Cobb was the engineer of record for this onsite permit.

No indication on these permit drawings noting the septic tank was installed in 1997 and will now be documented in 2001.

**Appeal - 1440 W Lakeridge Dr**

000010  
Record drawing for 2001 permit confirms that the existing 1000 gal septic tank was left in place and a 500 700 gal add on lift station was installed. Based on this info only, it is assumed that this is the same tank that was installed back in 1973. No indication at record drawing or permit time that the septic tank was installed in 1997 without the benefit of a permit.

2025 Cobb is seeking a COSA and now provides us an affidavit that the septic tank was replaced in 1997. No previous indication on any paper documents submitted to us. He says that 'Dan Roth knew about this situation and approved it.' Unfortunately Dan Roth is no longer around.

Curtis Townsend, PE

[Onsite Water and Wastewater](#)

Municipality of Anchorage

907-343-7908

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**From:** ccobb <ccobb@cobb creek.us>  
**Sent:** Thursday, December 18, 2025 11:12 AM  
**To:** Townsend, Curtis L. <Curtis.Townsend@anchorageak.gov>  
**Cc:** King, Daniel T. <Daniel.King@anchorageak.gov>; Michael Tavoliero <tavolieroteam@gmail.com>; Eli Ward <frostedgroundengineering@gmail.com>  
**Subject:** RE: COSA FOR LAKE RIDGE TERRACE 1 BLOCK 8 LOT 7 PARCEL ID 05132223000

**[EXTERNAL EMAIL]**

Mr. Townsend,

A current as-built survey by an RLS for the real estate transaction is being scheduled. I will be sure that includes all of the surface components of the onsite system.

Respectfully,

Charles F. Cobb, P.E.

AELC8332

Property Owner and Engineer-of-Record

(907) 748-294

On Thursday, December 18th, 2025 at 2:56 PM, ccobb <[ccobb@cobbcreek.us](mailto:ccobb@cobbcreek.us)> wrote:

Hi Mr. Townsend,

This request is for a final COSA with the Advisory Notice in accordance with MOA Policy W.05. The onsite system approved by the MOA in 2002 is functioning in accordance with the design and meets the requirements of the code 15.65 and is protective of public health and the environment.

An as-built survey was included with the 2001 construction report for permit SW010332. Nothing has changed with the onsite system since construction was completed and approved by the MOA in 2002. The drain field appears to be about 15 feet from the adjacent Lot 6A, and further from Lot 8. The southerly end of the drain field appears to be near the property line resulting from the taking by the State of Alaska from the original lot for the construction of the Glenn Highway. The nearest lot in that direction is upgradient on the other side of the Glenn Highway right of way.

Because the system is well maintained and meets all the performance requirements of the COSA Guidelines and the respective municipal code, it should continue to function properly for many more years of reliable service.

Thank you in advance for the pending COSA.

Respectfully,

000012  
Charles F. Cobb, P.E.

## Appeal - 1440 W Lakeridge Dr

AELC8332

Property Owner and Engineer-of-Record

(907) 748-2942

On Thursday, December 18th, 2025 at 1:19 PM, Townsend, Curtis L. <[Curtis.Townsend@anchorageak.gov](mailto:Curtis.Townsend@anchorageak.gov)> wrote:

Charles,

We could issue a conditional COSA at this time prior to the tank being replaced. A conditional COSA requires 3 construction bids to replace the septic tank (OSP251388) and money held in escrow in the amount of 1.5x the highest bid. Or is the plan to replace the tank and then seek final COSA?

Still to be resolved for a COSA is the field to property line separation. On the 2001 IR, it was reported that the field was 15' from the lot line. Is this separation still the same at present day? Has the lot line changed since 2001? A survey as built would confirm this separation. We require a current one to be submitted with the COSA application. We have not received a survey as built as part of the COSA application.

Curtis Townsend, PE

[Onsite Water and Wastewater](#)

Municipality of Anchorage

907-343-7908

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**From:** ccobb <[ccobb@cobbcreek.us](mailto:ccobb@cobbcreek.us)>  
**Sent:** Wednesday, December 17, 2025 1:36 AM  
**To:** Townsend, Curtis L. <[Curtis.Townsend@anchorageak.gov](mailto:Curtis.Townsend@anchorageak.gov)>

000013

**Appeal - 1440 W Lakeridge Dr**  
**Cc:** King, Daniel T. <[Daniel.King@anchorageak.gov](mailto:Daniel.King@anchorageak.gov)>; Michael Tavoliero <[tavolieroteam@gmail.com](mailto:tavolieroteam@gmail.com)>; Eli Ward <[frostedgroundengineering@gmail.com](mailto:frostedgroundengineering@gmail.com)>  
**Subject:** COSA FOR LAKE RIDGE TERRACE 1 BLOCK 8 LOT 7 PARCEL ID 05132223000

**[EXTERNAL EMAIL]**

Dear Mr Townsend,

Please issue the final Certificate of Onsite Systems Approval (COSA) for the above referenced property with an "Advisory Notice" consistent with the Municipality of Anchorage (MOA) policy W-05 for a system between 20 and 30 years old. The respective COSA application on file with your office was prepared by Frosted Ground Engineering Services, which should include regular service records kept by JRs Septic Service. The existing drain field, lift station, and septic tank were documented in permit number SW010332 issued by the MOA dated August 23, 2001 and subsequent inspection reports and as-built drawings and approved by Dan Roth on March 15, 2002. Additional documentation was provided in a legal affidavit dated September 12, 2025 submitted by the engineer-of-record to your office. As noted in these documents, the drain-field, lift station and septic tank are in compliance with Municipal Code 15.65 and are well-maintained and performing in accordance with the design. All necessary waivers were addressed by the MOA in permit number SW010332. No changes have occurred since the onsite system construction documented in the respective inspection report for permit SW010332.

If the MOA fails to complete this approval consistent with MOA policy as requested, a pending sale on the property "as-is" will be jeopardized. Thank you for completing this approval promptly.

Respectfully,

Charles F. Cobb, P.E.

AELC8332

Property Owner and Engineer-of-Record

(907) 748-2942

Lot 7, Block 8, Lake Ridge Terrace

Eagle River, Alaska

The permit application and permit number SW010332 describe and include the existing septic tank and a new lift station and drain field. The existing septic tank was installed in 1997 by Mike Kowaleski, the property owner at the time, and a contractor, a 1000 gallon steel tank manufactured by Anchorage Tank, as indicated in the On-Site Wastewater Disposal System Inspection Report dated September 20, 2001. The tank was observed during construction in accordance with Item 3 of Specification B.1 included in Section 2 of the permit application and found to be in good condition, as seen in the attached photographs. The liquid level in the septic tank was observed at 4.1 feet above the bottom during the recent COSA inspection on September 6, 2025, indicating that the septic tank continues to perform according to the requirements of the design and the respective municipal regulations.

Attested to this day, September 12, 2025



Charles F. Cobb, P. E.

Alaska Registration AELC8332

Attachments: Photo 1 Septic tank at Lot 7, Block 8, Lake Ridge Terrace

Photo 2 Close-up of septic tank at Lot 7, Block 8, Lake Ridge Terrace

000015

# Appeal - 1440 W Lakeridge Dr

Affidavit regarding On-Site Permit Number SW010332 and the respective application

Lot 7, Block 8, Lake Ridge Terrace

Photo 1 Septic tank at Lot 7, Block 8, Lake Ridge Terrace



Photo 2 Close-up of septic tank at Lot 7, Block 8, Lake Ridge Terrace



000016

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386  
Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

**JOB SITE**

Quantity	ServiceType	Amount	Tax
1	Septic Service 125K	\$165.00	No
<hr/>			
	Subtotal NonTaxed:	\$165.00	
	Subtotal Taxed:	\$0.00	@ 0 % \$0.00
	Tax:	\$0.00	
	Subtotal:	\$165.00	Payment Adjustment Late Charge
	+/- Payment/Charge:	(\$165.00)	(\$165.00) \$0.00 \$0.00
<hr/>			
	<b>Please Pay:</b>	<b>\$0.00</b>	
<hr/>			
	Payment Terms:	Net 30	

000017

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386  
Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

**JOB SITE**

Quantity	ServiceType	Amount	Tax
1	Septic Serv 15K	\$210.00	No
<hr/>			
	Subtotal NonTaxed:	\$210.00	
	Subtotal Taxed:	\$0.00	@ 0 % \$0.00
	Tax:	\$0.00	
	Subtotal:	\$210.00	Payment Adjustment Late Charge
	+/- Payment/Charge:	(\$210.00)	(\$210.00) \$0.00 \$0.00
<hr/>			
	<b>Please Pay:</b>	<b>\$0.00</b>	
<hr/>			
	Payment Terms:	Net 30	

000018

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv 1000K	\$185.00	No
<hr/>			
	Subtotal NonTaxed:	\$185.00	
	Subtotal Taxed:	\$0.00	@ 0 % \$0.00
	Tax:	\$0.00	
	Subtotal:	\$185.00	Payment Adjustment Late Charge
	+/- Payment/Charge:	(\$185.00)	(\$185.00) \$0.00 \$0.00
<hr/>			
	<b>Please Pay:</b>	<b>\$0.00</b>	
<hr/>			
	Payment Terms:	Net 30	

Payment Terms: Net 30

000019

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv 1000K	\$185.00	No

Subtotal NonTaxed:	\$185.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$185.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$185.00)		(\$185.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

000020

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv 1000K	\$195.00	No

11. *What is the primary purpose of the following statement?*

1 Septic Serv 1000K \$195.00 No

Subtotal NonTaxed:	\$195.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$195.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$195.00)		(\$195.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

000021

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Cancel	\$0.00	No
<hr/>			
	Subtotal NonTaxed:	\$0.00	
	Subtotal Taxed:	\$0.00	@ 0 % \$0.00
	Tax:	\$0.00	
	Subtotal:	\$0.00	Payment Adjustment Late Charge
	+/- Payment/Charge:	\$0.00	\$0.00 \$0.00 \$0.00
<hr/>			
	<b>Please Pay:</b>	<b>\$0.00</b>	
<hr/>			
	Payment Terms:	Net 30	

000022

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv. 1500g	\$220.00	No

www.english-test.net

1 Septic Serv 1500g \$220.00 No

Subtotal NonTaxed:	\$220.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$220.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$220.00)		(\$220.00)	\$0.00	\$0.00

**Please Pay:** \$0.00

Payment Terms: Net 30

000023

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Service C	\$100.00	\$10.00

1 Septic Serv 1500g \$245.00 No

Subtotal NonTaxed:	\$245.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$245.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$245.00)		(\$245.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

000024

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv. 1500g	\$255.00	No

Three horizontal black bars.

1 Septic Serv 1500g \$255.00 No

Subtotal NonTaxed:	\$255.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$255.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$255.00)		(\$255.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

000025

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	South Africa	1500	300

1 Septic Serv 1500g \$255.00 No

Subtotal NonTaxed:	\$255.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$255.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$255.00)		(\$255.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

000026

## Appeal - 1440 W Lakeridge Dr

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

## JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	ServiceType	Amount	Tax
1	Septic Serv. 1500g	\$255.00	No

1 Septic Serv 1500g \$255.00 No

Subtotal NonTaxed:	\$255.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$255.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$255.00)		(\$255.00)	\$0.00	\$0.00

**Please Pay:** **\$0.00**

Payment Terms: Net 30

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	Service Type	Amount	Tax
1	Septic Serv 1500g	\$285.00	No
1	Lift Station Serv	\$300.00	No

Subtotal NonTaxed:	\$585.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$585.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$585.00)		(\$585.00)	\$0.00	\$0.00
<b>Please Pay:</b>	<b>\$0.00</b>				

Payment Terms: Net 30

## JRs Septic Pumping and Excavation

PO Box 773415  
Eagle River, AK 99577-3415  
(907) 694-6454

## Invoice

**BILL TO:** 386

Charlie Cobb  
14407 West Lake Ridge Drive  
Eagle River, AK 99577

JOB SITE

Charlie  
14407 W. Lakeridge Drive  
Eagle River, AK 99577

Quantity	Service Type	Amount	Tax
1	Septic Serv 1500g	\$285.00	No
1	Lift Station Serv	\$300.00	No

Subtotal NonTaxed:	\$585.00				
Subtotal Taxed:	\$0.00	@	0 %	\$0.00	
Tax:	\$0.00				
Subtotal:	\$585.00		Payment	Adjustment	Late Charge
+/- Payment/Charge:	(\$585.00)		(\$585.00)	\$0.00	\$0.00
<b>Please Pay:</b>	<b>\$0.00</b>				

Payment Terms: Net 30

## Appeal - 1440 W Lakeridge Dr

DRAWN: SIMON		 <b>ANCHORAGE TANK &amp; WELDING, INC.</b> 2723 RAMPART DRIVE ANCHORAGE, ALASKA (907) 272-3543
DATE: 03/14/22		
FILE NAME: STANDARD		ANCHORAGE TANK & WELDING, INC STANDARD SEPTIC TANK FOR
JOB NO: STANDARD		
SCALE: NTS		
SHEET No. 1 OF 1		

APPROX. GALLONS	STEEL GAUGE	DIAM. INCHES (A)	LGTH FEET (B)	COMP. 1 LGTH (C)	COMP. 2 LGTH (D)	
1000 (2)	12	59	8	5'-4"	2'-8"	STD.
1250 (2)	12	59	10	6'-8"	3'-4"	STD.
1500 (2)	12	59	12	8'-0"	4'-0"	STD.
1500 (2)	10	59	12	8'-0"	4'-0"	SPECIAL ORDER
2000 (2)	3/16	59	16	10'-8"	5'-4"	
2000 (2)	10	59	16	10'-8"	5'-4"	STD.

