

January 7, 2026

To: Municipality of Anchorage-Onsite Services Technical Review Board

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

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

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 JRs Septic Service

Attachment 7—Specifications for Standard Septic Tank

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 NegativeNitrate _____ 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 _____

Comments/Deficiencies: _____

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

E. SEPARATION DISTANCES**From Well on Lot to:** (Please enter distances if less than required)Septic Tank/Lift Station on Lot $\geq 100'$ ☐ Yes if No _____ ftSewer Manhole/Cleanout $\geq 100'$ ☐ Yes if No _____ ftNeighboring Tank $\geq 100'$ ☐ Yes if No _____ ftSewer Service/Septic Line $\geq 25'$ ☐ Yes if No _____ ftDisposal Field on Lot $\geq 100'$ ☐ Yes if No _____ ftHolding Tank $\geq 100'$ ☐ Yes if No _____ ftNeighboring Disposal Fields $\geq 100'$ ☐ Yes if No _____ ftAnimal Containment $\geq 50'$ ☐ Yes if No _____ ftSewer Line/Main $\geq 100'$ ☐ Yes if No _____ ftManure/Animal Excreta Storage $\geq 100'$ ☐ 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 $\geq 10'$ ☐ Yes if No _____ ftSurface Water $\geq 100'$ ☐ Yes if No _____ ftField to Foundation $\geq 10'$ ☐ Yes if No _____ ft

Wells on Adjacent Lots:

Tank to Property Line $\geq 5'$ ☐ Yes if No _____ ftWells $\geq 100'$ ☐ Yes if No _____ ftField to Property Line $\geq 10'$ ☐ Yes if No _____ ftCommunity Wells $\geq 200'$ ☐ Yes if No _____ ftWater Main/Service Line $\geq 10'$ ☐ Yes if No _____ ft

If tank or field is under driveway comment below

F. ENGINEER'S COMMENTS**G. CERTIFICATION & STATEMENT OF INSPECTION BY ENGINEER**

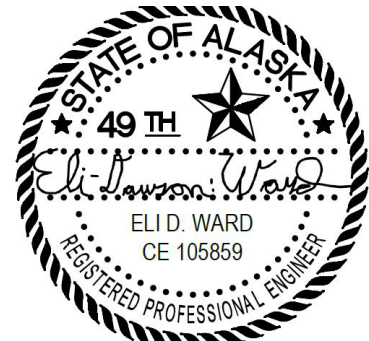
As certified by my seal affixed hereto and as of the validation date shown below, I verify that my investigation, based on procedures outlined in the Certificate of On-Site Systems Approval Guidelines, indicates that the on-site water supply and/or wastewater disposal system appears to comply with applicable 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

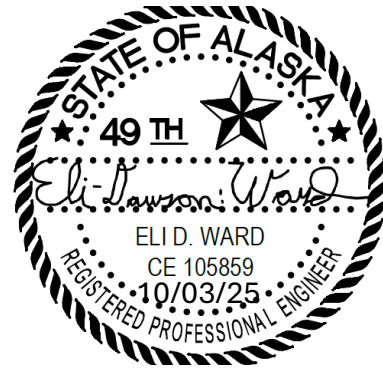
were steady during the test. There are no signs of overflowing sewage or other deficiencies with the tank except for it's age and documentation status.

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



000008

Appeal - 1440 W Lakeridge Dr

BASIS OF BEARINGS: (N 35°36' E)
N 35°36'00" E 640.57' MEAS.

(10' UTILITY ESMT.)

LOT 6A
BLOCK 8

LOT 7
BLOCK 8

LOT 8
BLOCK 8

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
- x - x - x - FENCE
- E - E - OVERHEAD UTILITIES
- PP POWER POLE
- GUY WIRE
- EM ELECTRIC METER
- CO SEPTIC PIPE
- MH SEPTIC TANK LID
- W WELL
- DECK
- GABION WALL

0' 20' 40'
SCALE: 1" = 20 FEET
(11"x17")

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: 14407 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

Appeal - 1440 W Lakeridge Dr

**RE: COSA FOR LAKE RIDGE TERRACE 1 BLOCK 8 LOT 7 PARCEL ID
05132223000**

From Townsend, Curtis L. <Curtis.Townsend@anchorageak.gov>
To C Cobb <ccobb@cobbccreek.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

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

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

From: ccobb <ccobb@cobbcreek.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 Tavoriero <tavorieroteam@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@cobbccreek.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,

Appeal - 1440 W Lakeridge Dr

000012
Charles F. Cobb, P.E.

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> 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

From: ccobb <ccobb@cobbcreek.us>

Sent: Wednesday, December 17, 2025 1:36 AM

To: Townsend, Curtis L. <Curtis.Townsend@anchorageak.gov>

000013

Appeal - 1440 W Lakeridge Dr

Cc: King, Daniel T. <Daniel.King@anchorageak.gov>; Michael Tavoliero <tavolieroteam@gmail.com>; Eli Ward <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

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

Charlie
 14407 W. Lakeridge Drive
 Eagle River, AK 99577

Invoice Number: 27503 Invoice Date: 24-Oct-2008 Order Num: 27503 Serviced 21-Oct-2008 Manifest
 P.O. Number: Job Description: 1000g

Quantity	ServiceType	Amount	Tax
1	Septic Service 125K	\$165.00	No

Subtotal NonTaxed:	\$165.00			
Subtotal Taxed:	\$0.00	@	0 %	\$0.00
Tax:	\$0.00			
Subtotal:	\$165.00			
+/- Payment/Charge:	(\$165.00)	Payment	Adjustment	Late Charge
		(\$165.00)	\$0.00	\$0.00
Please Pay:	\$0.00			

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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 30092 Invoice Date: 27-Oct-2009 Order Num: 30092 Serviced 20-Oct-2009 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
1	Septic Serv 15K	\$210.00	No

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
Please Pay:	\$0.00			

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

Invoice Number: 32370 Invoice Date: 22-Oct-2010 Order Num: 32370 Serviced 18-Oct-2010 Manifest
 P.O. Number: Job Description: 1500g

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
+/- Payment/Charge:	(\$185.00)		(\$185.00)	\$0.00
Please Pay:	\$0.00			Late Charge
				\$0.00

Payment Terms: Net 30

000019

Appeal - 1440 W Lakeridge Dr

JRs Septic Pumping and Excavation**Invoice**

PO Box 773415

Eagle River, AK 99577-3415

(907) 694-6454

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

Invoice Number: 34726 Invoice Date: 18-Oct-2011 Order Num: 34726 Serviced 14-Oct-2011 Manifest
P.O. Number: Job Description: 1500g

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/Charge:	(\$185.00)			
Please Pay:	\$0.00			

Payment	Adjustment	Late Charge
(\$185.00)	\$0.00	\$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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 37652 Invoice Date: 06-Dec-2012 Order Num: 37652 Serviced 21-Nov-2012 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 40262 Invoice Date: 28-Mar-2014 Order Num: 40262 Serviced 11-Nov-2013 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
1	Cancel	\$0.00	No

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
Please Pay:	\$0.00			

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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 40849 Invoice Date: 19-May-2014 Order Num: 40849 Serviced 16-May-2014 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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

Invoice Number: 43783 Invoice Date: 31-Aug-2015 Order Num: 43783 Serviced 28-Aug-2015 Manifest
 P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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
+/- Payment/Charge:	(\$245.00)		(\$245.00)	\$0.00
Please Pay:	\$0.00			Late Charge
				\$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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 47662 Invoice Date: 11-Oct-2017 Order Num: 47662 Serviced 06-Oct-2017 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 51586 Invoice Date: 21-Oct-2019 Order Num: 51586 Serviced 18-Oct-2019 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577

Invoice Number: 55311 Invoice Date: 03-Nov-2021 Order Num: 55311 Serviced 25-Oct-2021 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	Amount	Tax
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
+/- Payment/Charge:	(\$255.00)		(\$255.00)	\$0.00
				Late Charge
				\$0.00
Please Pay:	\$0.00			

Payment Terms: Net 30

000027

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

Invoice Number: 62647 Invoice Date: 16-Jun-2025 Order Num: 62647 Serviced 26-May-2025 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	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

Please Pay: \$0.00

Payment Terms: Net 30

000028

Appeal - 1440 W Lakeridge Dr

JRs Septic Pumping and Excavation

PO Box 773415

Eagle River, AK 99577-3415

(907) 694-6454

Invoice**BILL TO:** 386Charlie Cobb
14407 West Lake Ridge Drive
Eagle River, AK 99577**JOB SITE**Charlie
14407 W. Lakeridge Drive
Eagle River, AK 99577


Invoice Number: 62833 Invoice Date: 16-Jun-2025 Order Num: 62833 Serviced 16-Jun-2025 Manifest
P.O. Number: Job Description: 1500g

Quantity	ServiceType	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

Please Pay: \$0.00

Payment Terms: Net 30

DRAWN: SIMON	 ANCHORAGE TANK & WELDING, INC. 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.

