Alaska Rim Engineering Inc.
9131 E. Frontage Road
Palmer, AK 99645
907-745-0222

Paid # 4265

Dale, John
13839 W. Lotus Dr
Big Lake, AK 99652

Invoice number 17-00360
Date 06/08/2017

Project **17-00360 BIG LAKE HEIGHTS #1 B7 L7**

REMIT PAYMENTS TO: 9131 E. FRONTAGE RD. PALMER, AK 99645

Description		Contract Amount	Prior Billed	Current Billed
PACKAGE #1				
TRAVEL		349.00	0.00	349.00
		50.00	0.00	50.00
	Total	399.00	0.00	399.00

Invoice total **399.00**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
17-00360	06/08/2017	399.00	399.00				
	Total	399.00	399.00	0.00	0.00	0.00	0.00

Invoices are due and payable in full upon receipt. Finance charges of 1.5% per month (18% APR) will be assessed on all past due amounts. If this invoice is referred for collection, all associated costs, fees, and charges are the responsibility of the invoiced client and will be added to the total balance due. This disclosure is provided in accordance with applicable statute.

ALASKA RIM ENGINEERING, INC.
ENGINEERS – PLANNERS – SURVEYORS
9131 E Frontage Rd. Palmer, Alaska 99645
Telephone (907) 745-0222
Fax (907) 746-0222
Online at: www.alaskarim.com

ON-SITE
WATER AND WASTEWATER DISPOSAL SYSTEMS
ENGINEER'S EVALUATION

PROPERTY DESCRIPTION: Big Lake Heights #1 B7 L7
SITE ADDRESS: 13839 W. Lotus Dr.
Big Lake, AK 99652

This property is developed to serve a single family residence with a total of two (2) bedrooms.

Applicant Name: John Dale
Applicant Address: 13839 W. Lotus Dr.
Big Lake, AK 99652

ON-SITE DRINKING WATER SYSTEM:

— This property is served by a Public Water System, approved by ADEC and currently in monitoring compliance.

Y A recent drinking water sample was tested at an ADEC certified laboratory and was found to meet current ADEC drinking water standards for total coliform bacteria.

NOTES:

ON-SITE WASTEWATER DISPOSAL SYSTEM:

— A new wastewater disposal system has been installed. Refer to the enclosed data.

— This wastewater disposal system was installed by an ADEC Certified Installer and is on file at ADEC.

Y The existing wastewater disposal system was tested in accordance with current ADEC policy and the readily identifiable features of this system were observed and documented. The system was found to be operating satisfactorily.

Y It appears this system meets 18 AAC 72 regulations and ADEC policies of the time it was installed.

Y This system is documented with ADEC.

NOTES: The monitor tube is mostly filled in, the monitor tube needs repaired/replaced as well it needs a water tight cap.

This report does not constitute a guarantee of any kind, explicit or implied, as to the future performance of this water supply or wastewater disposal system. It does accurately portray the conditions found on the date they were tested and/or documented. This approval does not imply the wastewater system is free of material or installation defects and/or possible subsequent failure.

Sincerely,
Alaska Rim Engineering, Inc.

June 8, 2017
cc: ADEC
AK Rim File No. 17 -00360

DOCUMENTATION OF AN ON-SITE WATER SUPPLY SYSTEM AND WASTEWATER DISPOSAL SYSTEM

I. GENERAL INFORMATION

AK Rim File No. 17-00360

Legal Description of the Location

Big Lake Heights #1 B7 L7
13839 W. Lotus Dr.

Applicant Name: **John Dale**	Applicant is: *(Check one)* ☒ Owner Builder ☐ Certified Installer ☐ Engineer ☐ Bank
Mailing Address: **13839 W. Lotus Dr.**	Type of Residence: ☒ Single-Family ☐ Multi-Family ☐ Duplex; Total Number of Bedrooms: **2**
City, State and Zip Code: **Big Lake, AK 99652**	Telephone: **907-232-9249**

II. WATER SUPPLY SYSTEM

Source of Water and Containment: *(Check all that Apply)*
☒ Well *(Drilled or Driven)* ☐ Surface *(Identify)*
☐ Roof Catchment ☐ Other *(Identify)*
☐ Holding Tank
(1)

Type of Water Supply System:
☒ Private
☐ Public *(Serves more than one family)*
(1)

Treatment of Water: *(Check all that Apply)*
☒ None Known ☐ Chlorination
☐ Filtration ☐ Mineral Removal
☐ Other
(1)

Well Data:

Is the height of the well casing more than 12" above the ground?	☒ Yes	☐ No	(1)
Is a sanitary seal or well cap installed on the well casing?	☒ Yes	☐ No	(1)
Is drainage directed away from or around the casing within a radius of 10 feet from the well casing?	☐ Yes	☒ No	(1)
Is well wire enclosed in conduit?	☒ Yes	☐ No	(1)

Date Drilled	Depth of Well: *(Feet)*	Static Water Level: *(Feet)*	Yield: *(Gal/Min) (If available)*	Pump Rate: *(Gal/Min) (If available)*
unknown (2)	**unknown** (2)	**22.2** (1)	**unknown** (2)	**6.4** (1)

Separation Distances from the Well Casing to each of the Following Sources of Contamination:

Septic Holding Tank on Lot: **> 100 feet** (1)	Sewer Lines on Lot: **> 25 feet** (1)	Absorption Area on Lot: **> 100 feet** (1)
Closest Septic Holding Tank on Adjacent Lot: **> 100 feet** (1)	Closest Sewer Lines on Adjacent Lot: **> 25 feet** (1)	Closest Edge of Absorption Area on Adjacent Lot: **> 100 feet** (1)

If toxic materials are stored on the property, including fuel tanks, paints, lubricants and other petroleum based materials, pesticides, fungicides or herbicides, indicate distance from contaminants to well casing:
On Lot: **none known <25'** (1)
On Adjacent Lot: **none known <25'** (1)

Water Sample Taken By: *(Name)*
Kaley Lyles, Alaska Rim Engineering, Inc.
Sampler is: ☐ Buyer ☒ Engineer Tec. ☐ Banker ☐ Government Official

Address:
9131 E Frontage Rd. Palmer, AK 99645

Water Sample Results: *(Attach Copy)* ☒ Satisfactory - Date **6/7/2017** ☐ Unsatisfactory - Date:

Comments / Recommendations:

Data Legend
(1) From site visit on 6/7/17
(2) From ADEC records
(3) From well cap
(4)
(5)

DOCUMENTATION OF ON-SITE WATER AND WASTEWATER DISPOSAL SYSTEMS

III. WASTEWATER DISPOSAL | Legal Description: **Big Lake Heights #1 B7 L7**

☒ Septic Tank / Absorption System | ☐ Package Treatment (*Specify Brand Name or Process*):

☐ Holding Tank (*Specify*) | Capacity of Tank: | Where Waste is Disposed: | Frequency of Pumping:

☒ Septic Tank Outfall Discharged To: **On-Site Soil Absorption System** | ☐ Other (*Specify - Outhouse, Incinerator, etc.*):

☐ NEW SYSTEM

Name of Installer: | Date Installed:

☐ Owner / Builder: | ☐ Certified Installer No.: | ☐ Other: | Septic Tank Type / Manufacturer:

Septic Tank Size: (*Gallons*) | Number of Compartments: | Soil Type and Rating:

Type Soil Absorption System: | Dimensions / Size Soil Absorption System: | Type/Quantity Distribution Rock Used for Soil Absorption System:

Percolation Test Results: (*Attach Copy of Report*) | Percolation Test by: (*Name*)

Minimum Ground Cover over Absorption Area: | Minimum Ground Cover over Septic Tank: | Cleanout Pipes / Caps Installed on Septic Tank: | Cleanout Pipes / Caps Installed on Absorption System:

Separation Distance To: | Water Supply Source on Lot: | Nearest Water Supply Source on Adjacent Lot: | Nearest Body of Water: | Water Table / Bedrock: | Lot Line:

Comments / Recommendations:

☒ EXISTING SYSTEM

Name of Installer: **Mike Alexander** (2) | Date Installed: **6/6/95** (2)

☐ Owner / Builder: | ☐ Certified Installer No.: | ☒ Other: **Contractor** (2) | Septic Tank Type / Manufacturer: **HDPE/WEDCO Canada** (2)

Septic Tank Size: (*Gallons*) **1000** | Number of Compartments: **2** (2) | Soil Type and Rating: **SP-SP/GP 150** (2)

Type Soil Absorption System: **deep trench** (2) | Dimensions / Size Soil Absorption System: **30'x5'** (2) | Type/Quantity of Distribution Rock Used for Absorption System: **3/4" - 3" sewer rock / 22 cu. yds.** (2)

Adequacy Test Results: (*Attach Copy*) ☒ Pass ☐ Fail (**6/7/2017**) (1) | Adequacy Test Performed By: (*Name*) **Vincent Cobler, AK Rim Engr., Inc.** (1) | Does the septic tank require pumping: ☒ Yes ☐ No (1)

Min. Ground Cover over Absorption Area: **unknown** (3) | Min. Ground Cover over Septic Tank: **45"** (3) | Cleanout Pipes/Caps Installed on Septic Tank: ☒ Yes ☐ No (1) | Cleanout Pipes/Caps Installed on Absorption System: ☐ Yes ☒ No (1)

Separation Distance To: | Water Supply Source on Lot: **>100 Feet** (1) | Nearest Water Supply Source on Adjacent Lot: **>100 Feet** (1) | Nearest Body of Water: **>100 Feet** (1) | Water Table Bedrock: **>4' / >6'** (2) | Lot Line: **>10'** (2)

Comments / Recommendations: A cleanout is located ☐ inside ☒ outside the foundation.

This system was tested in accordance with current ADEC policies and found to be operating satisfactory. The readily identifiable features were observed and documented. It appears this system meets 18 AAC 72 regulations and ADEC policies at the time it was installed documented and filed at ADEC.

Data Legend
(1) From site visit on 6/7/17
(2) From ADEC records
(3) Cover estimated from site conditions

Note: The monitor tube is mostly filled in, the monitor tube needs repaired/replaced as well it needs a water tight

The information in sections I, II, and III is correct to the best of my knowledge.

Signature:	Typed / Printed Name:
Norman K. Gutcher	Norman K. Gutcher
Date: 6/8/17	Reg. No.: CE 4919

This documentation does not constitute a guarantee of any kind, explicit or implied, as to future performance of this water supply or wastewater disposal system. It does accurately portray the conditions found on the date they were tested and/or documented.

Field Test Sheet

DATE: 6/7/2017

PROJECT # : 17-00360

LOCATION: Big Lake Heights #1 B7 L7

MSB Parcel ID: 81859

INSPECTOR: V. Cobler

# of BEDROOMS: 2

■ Single Family ☐ Multi-Family ☐ Commercial

WELL STATIC LEVEL: 22.2 ft.

PEAK LOAD CALC: 300 gals.

CASING ABOVE GROUND: 33 in.

SANITARY SEAL: ☐ Yes ■ No ☐ N/A

Type of Test: ☐ Well Flow Only ☐ Septic Adequacy Only ■ Both

Time	Flow Rate (gpm)	Vol.** (gal)	Cum. Vol. (gal)	Well Static Level (ft)	ST (inch)	ST Liquid Level (inch)	S.A.S. (inch)	MT#1 Liquid Level (inch)	S.A.S. (inch)	MT#2 Liquid Level (inch)	S.A.S. (inch)	MT#3 Liquid Level (inch)	S.A.S. (inch)	MT#4 Liquid Level (inch)	Meter Reading	Comments
3:23	0	0	0	22.2	Δ	48	Δ	*0	Δ	-	Δ	-	Δ	-	131410	Start Test
3:38	6.3	94.9	94.9	22.2		49.5		*0							131503	93x1.02=94.9
3:53	6.3	94.9	189.7	22.6		49.5		*0							131596	93x1.02=94.9
4:08	6.4	95.9	285.6	22.2		49.5		*0							131690	94x1.02=95.9
4:23	6.4	95.9	381.5	22.2		49.5		*0							131784	94x1.02=95.9
4:53	6.4	192.8	574.3	22.2		49.5		*0							131973	189x1.02=192.8
5:23	6.4	190.7	765.0	24		49.5		*0			End Flow				132160	187x1.02=190.7
5:38	-	-	-	22.2		48		*0							-	Recovery check
5:38	-	-	-	-		-		-							-	End Test

6.4 Gals/Min Flow Rate:

ADEC Compliance:

Does Septic Tank Require Pumping ? ■ Yes ☐ No ☐ NA

Is Wire In Conduit ? ■ Yes ☐ No ☐ NA

If Public Water Supply:

Is Water Supply in ADEC compliance ? ☐ Yes ☐ No ■ NA

PWS ID# n/a

Class: n/a

Meter Correction Factor = 1.02

** Vol. = Difference in Meter Readings x Correction Factor

*Note: Believe monitor tube one mostly filled in with debris,cap missing.

Test Results Water: Well Flow > 3.0g pm

Septic: Pass

Date: 6/8/2017 Reviewed By: Norman A. Gatchell

*Test results are indicative of conditions at time of testing.

Mat-Su Test Lab, LLC

Midtown Community Business Park
9161 East Frontage Road, Suite 15
Palmer, Alaska 99645
Phone: 745-3005 / Fax: 745-3010
Website: www.mstl.biz E-Mail: mstl@mstl.biz

Drinking Water Analysis Report

Total Coliform Bacteria (SM9Z23B by Colilert)

See Reverse Side For Instructions

Client: AK-RIM 17-360	
Mailing Address:	PWSID# (if applicable):
Phone #:	Fax # or E-mail:

Legal Description of Property: Big Lake Heights #1 B7 L7

Sample Site Location: OHB (I.E.: bathroom sink, outside hose bib) Deliverer Initials: KL

Date Sampled: 6/6/17 Time Sampled: 1:28pm Sampler Initials: KL

Circle One: Standard Test ($42) / Rush Test ($52)

Circle One: Routine Test / Repeat Test / Special Purpose

This Section to Be Completed by Lab

Analysis Results:

Lab ID # AR 17172

- [x] Satisfactory
- [ ] Unsatisfactory
- [ ] Sample Rejected – Reason: _____

Chromogenic/Fluorogenic Method Results:

A Total Coliform Present (P)/Absent (A) (Yellow / No Color)

A E. Coli Present (P)/Absent (A) (Fluorescence / No Fluorescence)

Incubator # 1

Received : JUN 06 2017 15:37 **By:** AS

Started : JUN 06 2017 15:44 **By:** AS

Finished : JUN 07 2017 1550 **By:** CVT

"Troy"

SHAMROCK SEPTIC INC.

shamrockseptic.net / clover@mtaonline.net

PUMPER'S OPINION

YOUR SERVICE TECHNICIAN

[ ] SERVICE TECH_____

Location 13839 W Lotus

DATE PUMPED 7/22/17

HOUSEHOLD TREATMENT ___ A B C D F

SYSTEM CONDITION ___ A B C D F

This report is to give you a better insight on your system and what you may do to make it last longer or cure any problems that exist or may become a problem in the future.

SUGGESTIONS

Re-pump in ___ months 3 years [ ] Add bacteria [ ] Repair leach field [ ] Replace tank [ ] Repair mainline clean out tube [ ] Replace outflow pipe [ ] Switch to liquid laundry soap [ ] Stop entry of grease into system [ ] Change toilet paper brand [ ] Repair leaking faucet [ ] Conserve on water [ ] Laundry water should not be run into septic [ ] Clean vents on roof [ ] Replace or install caps on septic pipes [ ] Repair broken pipes [ ] Have main line drain cleaned [ ] Space out high volume usage over day or week (laundry, baths) [ ] Have main line scoped w/video camera [ ] Increase maintenance schedule

TANK TYPE

[ ] METAL [ ] CONCRETE [ ] FIBERGLASS [X] PLASTIC [ ] LOG CRIB [ ] OTHER [ ] CAN'T DETERMINE

[ ] 1000 GAL [ ] 1250 GAL [ ] 1500 [ ] 1750 [ ] 2000 [ ] 2250 [ ] 2500 [ ] OTHER_____

LEACH FIELD TYPE

[ ] TRENCH [ ] BED [ ] LEACH TANK [ ] RAISED FIELD W/LIFT STATION [ ] CRIB [ ] CAN'T DETERMINE [ ] N/A

SOLID CONTENT

[ ] Light [X] Acceptable [ ] Heavy [ ] Extremely Heavy [ ] Abused

BACTERIA

[ ] Little to no action [ ] Good [ ] Excellent

ABUSE NOTED

Each of these will cause main line backups and/or leach field failure

[ ] None noted [ ] Grease or powdered laundry detergent [ ] Paper towels [ ] Wipes [ ] Feminine hygiene products [ ] Excessive amounts of paper products [ ] Lack of maintenance

LEACH FIELD

[ ] **Excellent** [ ] **Good** [ ] **Fair** [ ] **Poor** [ ] **Saturated** [ ] **Extremely saturated**

[ ] **Could not locate monitor tube, but system seems adequate for usage it is receiving at this time**

If your leach field is saturated, it means that it is not accepting all the water that is being used at this time. Causes could be as simple as extra guests, large party, or a leaking faucet.

Ground water, at certain times such as spring break up and heavy rains, can affect the field in bad soils and low-lying areas.

It could also mean that your leach field is starting to fail and repairs will have to be made to system. If that is the case, start-putting money away to have it dug up and repaired. There is no chemical or any other method that we recommend to cure a bad leach.

By pumping your system, you will stop solids that will bypass the baffles (due to the tank being over full) and contaminate the field. Pumping will also give your system time to rest and dry up but during this time, remember water is your systems enemy and should be used sparingly.

On a failed system, pumping may only be a temporary cure. You could go trouble free for a year, or you could be calling us back in a couple of days.

TANK / LEVELS & CONDITION

[X] **Normal** [ ] **Below normal** [ ] **Above normal**

[ ] Has been over full in past [ ] Tank rusting out see # 4 5 6 or leach field

[ ] Old & coming to end of life expectancy [ ] Tank has cracks [ ] Tank collapsed [ ] In need of repair

OTHER PROBLEMS:

[X] **None noted** [ ] **Parted main line clean out** see # 1 2 3 [ ] **Plugged out flow pipe** 4 5 [ ] **Plugged inlet baffle** 7

[ ] **Tank has holes due to rust (may collapse)** [ ] **Center baffle has fallen (keep up with maintenance)**

Report for On-Site Water and Sewer System Certification

III. WASTEWATER DISPOSAL

☐ Septic Tank/Absorption System — ☐ Package Treatment: (Specify Brand Name or Process)

☐ Holding Tank - Specify:	Capacity of Tank	Where Waste is Disposed	Frequency holding tank pumped

☐ Septic Tank Outfall Discharged To: — ☐ Other (Specify): (Outhouse, Incinerator, etc.)

☐ **New System** Project #95085 L7/B7 Big Lake Heights #1

Name of Installer	Date Installed
Mike Alexander	6-6-95

☐ Owner/Builder ☐ Installer No. ☒ Other:	Type/Manufacturer
contractor	HDPE/WEDCO Canada

Septic Tank Size (Gallons)	Number of Compartments	Soil Type or Rating
1,000	2	SP-SP/GP (150)

Type Soil Absorption System	Dimensions/Size Soil Absorption System	Type/Quantity Backfill Material used for Soil Absorption System
DEEP TRENCH	30' Long x 5' E. Depth	Approx. 22 CYD 3/4-3" S.ROCK

Percolation Test Results	Percolation Test by: (Name)
N/A	

Minimum Ground Cover over Absorption area	Minimum Ground Cover over Septic Tank	Cleanout Pipes/Caps Installed on Septic Tank	Cleanout Pipes/Caps Installed on Absorption System
4 Feet	4 Feet	☒ Yes ☐ No	☒ Yes ☐ No

Separation Distance to:	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot	Nearest Body of Water	Water Table/Bedrock	Lot Line
	+100 Feet	+100 Feet	+100 Feet	+4/6 Feet	+10 Feet

Comments/Recommendations

A representative of Erdman & Associates logged a test hole, designed and inspected construction of the septic system. ADEC approved the HDPE plastic septic tank.

☐ **Existing System**

Name of Installer	Date Installed

☐ Owner/Builder ☐ Installer No. ☐ Other:	Type/Manufacturer

Septic Tank Size (Gallons)	Number of Compartments	Soil Type or Rating

Type Soil Absorption System	Dimensions/Size Soil Absorption System	Type/Quantity Backfill Material used for Soil Absorption System

Adequacy Test Results: ☐ Pass ☐ Fail	Adequacy Test Performed By: (Attach Copy of Report)	Date Septic Tank Pumped (Attach Copy of Receipt)

Minimum Ground Cover over Absorption Area	Minimum Ground Cover over Septic Tank	Cleanout Pipes/Caps Installed on Septic Tank	Cleanout Pipes/Caps Installed on Absorption System
Feet	Feet	☐ Yes ☐ No	☐ Yes ☐ No

Separation Distance to:	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot	Nearest Body of Water	Water Table/Bedrock	Lot Line
	Feet	Feet	Feet	Feet	Feet

Comments/Recommendations

RECEIVED
AUG 17 1995
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ADEC

I certify that the above information is correct:

Signature	Typed/Printed Name	Title, Reg./Cert. No., Inst. No.	Date
			8/5/95

NOTE: Must be signed by a professional engineer.

ALASKA — 49TH — REGISTERED — Michael R. Erdman — CE-6252 — Professional Engineer

Report for On-Site Water and Sewer System Certification

RECEIVED
AUG 15 1995
Audit Stamp No. _____
DEPARTMENT OF ENVIRONMENTAL CONSERVATION MSOO

I. GENERAL INFORMATION

Legal Description of the Location

Lot 7 Block 7 Big Lake Heights Addition #1

Applicant Name Barbara Shaw	**Applicant is: (Check one)** ☐ Bank ☐ Installer ☒ Owner/Builder	
Address (Street or P. O. Box) P.O. Box 520466	**Type of Residence** ☒ Single Family ☐ Multi-Family	**Total No. of Bedrooms** 2
City, State and Zip Code Big Lake, AK 99652	**Telephone** 892-7572	**Public Accommodation:** ☐ Restaurant ☐ Lounge ☐ Other

Send Approval to:
☐ Applicant ☐ Other: (Give Name & Address)

II. WATER SUPPLY SYSTEM Not requested at this time

Source of Water and Containment (Check all that Apply)	Type of Water Supply System	Treatment of Water (Check all that Apply)
☐ Well (Drilled or Driven) ☐ Surface (Identify) _____ ☐ Roof Catchment ☐ Holding Tank ☐ Other (Identify) _____	☐ Private ☐ Public (Serves more than one family)	☐ None ☐ Chlorination ☐ Filtration ☐ Mineral Removal ☐ Other: _____

Well Data

Is the Height of the Well Casing more than 12" above the Ground? ☐ Yes ☐ No

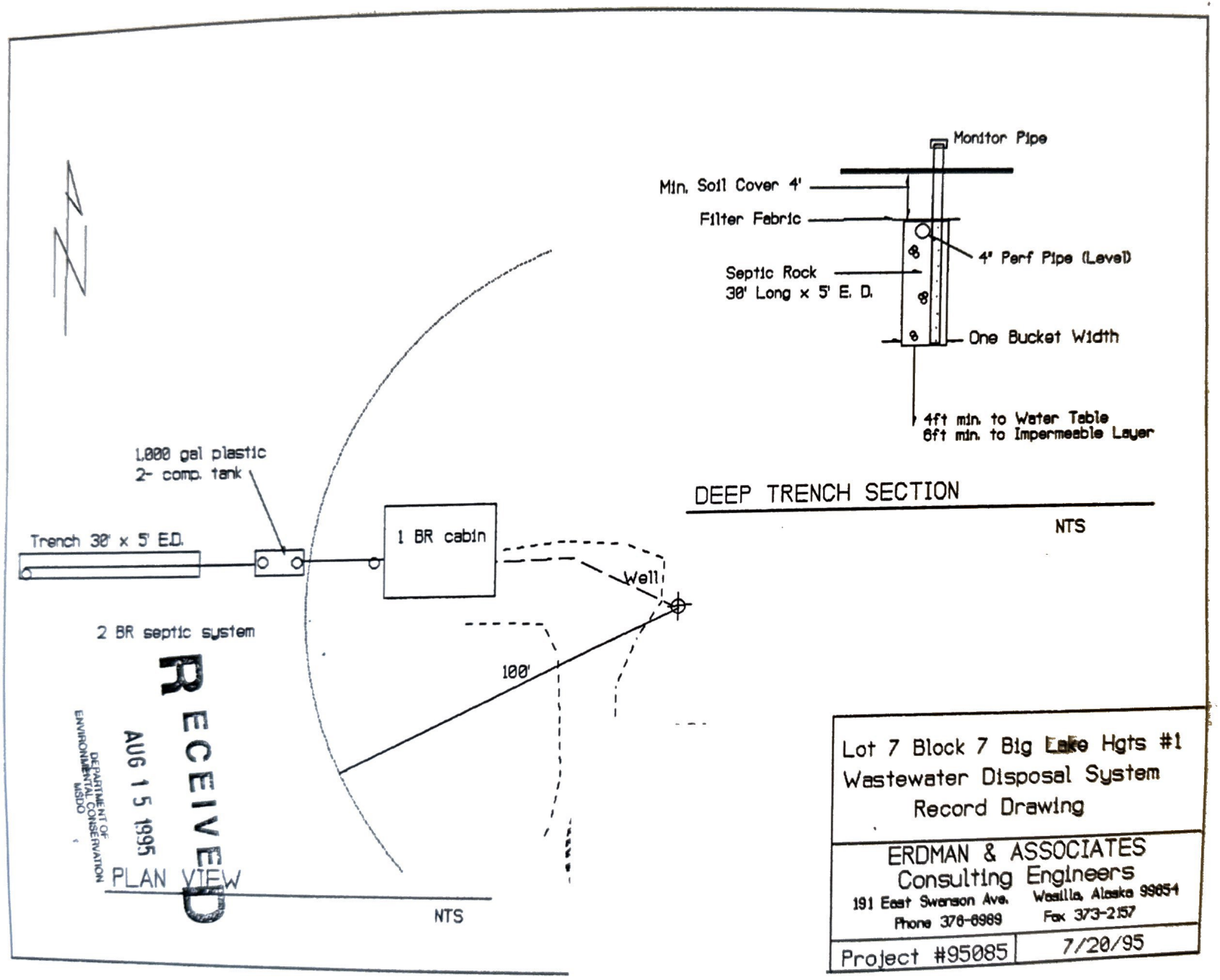
Is a sanitary seal installed on the well casing? ☐ Yes ☐ No

Is drainage directed away from or around the casing within a radius of 10 feet of the well casing? ☐ Yes ☐ No

Date Drilled	Depth of Well (Feet)	Static Water Level (Feet)	Yield (If Available) Gal/Min	Pump Rate (If Available) Gal/Min

Separation Distances from the Well Casing to each of the Following Sources of Contamination:

Septic/Holding Tank on Lot	**Sewer Lines on Lot**	**Absorption Area on Lot**
Closest Septic/Holding Tank on Adjacent Lot	**Closest Sewer Lines on Adjacent Lot**	**Closest Edge of an Absorption Area on Adjacent Lot**
If toxic materials are stored on the property, including fuel tanks, paints, lubricants and other petroleum based materials, pesticides, fungicides or herbicides, indicate distance from contaminants to well casing:	**On Lot**	**On Adjacent Lot**
Water Sample Taken by: Name	**Sampler is:** ☐ Buyer ☐ Engineer ☐ Banker ☐ Government Official	
Address		
Water Sample Results: Attach Copy ☐ Satisfactory - Date: ☐ Unsatisfactory - Date:		
Comments/Recommendations:		



Lot 7 Block 7 Big Lake Hgts #1
Wastewater Disposal System
Record Drawing

ERDMAN & ASSOCIATES
Consulting Engineers
191 East Swanson Ave. Wasilla, Alaska 99654
Phone 376-6989 Fax 373-2157

Project #95085 | 7/20/95

ERDMAN & ASSOCIATES
Engineering/Water Testing
191 E. Swanson Ave, #201
Wasilla, AK 99654

STATE OF ALASKA
49TH
Michael P. Erdman
CE-6252
REGISTERED PROFESSIONAL ENGINEER

SOILS LOG — PERCOLATION TEST

PERFORMED FOR: BARBARA SHAW/MIKE ALEXANDER

LEGAL DESCRIPTION: LOT 7 BLOCK 7 BIG LAKE HEIGHTS #1

PREVIOUSLY EXCAVATED

DEPTH (FEET)

1 TOPSOIL, OR, BRN LOAN & GRAVEL

2

3

4 SP/GP - GP/SP

5 ± 50% SAND

6 CLEAN

7 MINIMAL SLOUGH

8

9

10

11

12 SP/SW

13 OCC BANDS OF SP/GP

14 AVG. 85%+ SAND, CLEAN

15

16 —NO WATER—

17

18

19

20

SLOPE

1-2%

SITE PLAN

N

TH

WAS GROUND WATER ENCOUNTERED? NO

IF YES, AT WHAT DEPTH? N/A

SLOPE

≈3%

Depth to Water After Monitoring? _____ Date: _____

Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop

RECEIVED
AUG 15 1995
DEPARTMENT OF ENVIRONMENTAL CONSERVATION MSDO

PERCOLATION RATE _____ (minutes/inch) PERC HOLE DIAMETER _____

TEST RUN BETWEEN _____ FT AND _____ FT

COMMENTS USE 150 FT²/BEDROOM

PERFORMED BY: CHOLLER/E&A DATE: 5/18/95