

Seaview Heights

Rod 7A

Block 2

1011-261-19

Crocket Septic
Cross-Section



Rick Mysterom.
Mayor

Municipality of Anchorage

Department of Health and Human Services

825 "L" Street

P.O. Box 196650 Anchorage, Alaska 99519-6650



343-4744

April 14, 1995

Robert & Lynn Crockett
6533 West Dimond Boulevard
Anchorage, Alaska 99501 3901

Subject: Lot 7A Block 2 Seaview Heights Subdivision
Permit #SW940074, PID #0110261019

The subject permit, issued April 14, 1994 by this office for a single family well and/or on-site wastewater system, has expired as of April 14, 1995.

A new permit must be obtained from this office for a well and/or on-site wastewater system NOT installed by the expiration date.

If you have drilled the well, a well log must be sent to this office for documentation of the installation and to close the permit.

If a licensed Professional Engineer has inspected the installation of the on-site wastewater system, the original as-built inspection report must be sent to this office for review, approval and documentation. All inspection reports must be submitted within 30 days of construction completion.

When applying for a new permit, the fees are: \$320.00 for an on-site wastewater permit; \$120.00 for a well permit and \$440.00 for a combined on-site wastewater and well permit.

If you have any questions, please call this office at 343-4744.

Sincerely,

James Cross, P.E.
Program Manager
On-site Services

enc: Copy of Permit

cc. Douglas t. Kenley, P.E.

MUNICIPALITY OF ANCHORAGE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
P.O. BOX 196650, 825 "L" STREET, ROOM 502
ANCHORAGE, ALASKA 99519-6650

4-23-94

ON-SITE WASTEWATER DISPOSAL SYSTEM PERMIT

PERMIT NUMBER: SW940074
DESIGN ENGINEER: DOUGLAS T. KENLEY, P.E.
OWNER NAME: CROCKETT ROBERT & LYNN
OWNER ADDRESS: 6533 W DIMOND BLVD
ANCHORAGE, AK

DATE ISSUED: 4/14/94
EXPIRATION DATE: 4/14/95

PARCEL ID: 01126119

LEGAL DESCRIPTION: SEAVIEW HEIGHTS BLK 2 LT 7
A

LOT SIZE: 70262 (SQ. FT.)
NUMBER OF BEDROOMS: 4 THIS PERMIT: 4

THIS PERMIT IS FOR THE CONTRUCTION OF:
DISPOSAL FIELD /SEPTIC TANK SYSTEM
ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH:

1. THE ATTACHED APPROVED DESIGN.
2. ALL REQUIREMENTS SPECIFIED IN ANCHORAGE MUNICIPAL CODE CHAPTERS 15.55 AND 15.65 AND THE STATE OF ALASKA WASTEWATER DISPOSAL REGULATIONS (18AAC72) AND DRINKING WATER REGULATIONS (18AAC80).
3. THE ENGINEER MUST NOTIFY DHHS AT LEAST 2 HOURS PRIOR TO EACH INSPECTION. PROVIDE NOTIFICATION BY CALLING 343-4744 OR 343-4681 AFTER BUSINESS HOURS
4. FROM OCTOBER 15 TO APRIL 15 A SUBSURFACE SOIL ABSORPTION SYSTEM UNDER CONSTRUCTION DURING FREEZING WEATHER MUST BE EITHER:
 - A. OPENED AND CLOSED ON THE SAME DAY
 - B. COVERED, SEALED AND HEATED TO PREVENT FREEZING
5. THE FOLLOWING SPECIAL PROVISIONS.

SPECIAL PROVISIONS:

THE TOTAL DEPTH OF THE TRENCH MUST NOT EXCEED 9.0 FEET.

RECEIVED BY: *Robert & Lynn* DATE: _____ISSUED BY: *Douglas T. Kenley* DATE: 4/14/94

Douglas T. Kenley, P.E. HC01 Box 6034, Palmer, Alaska 99645 (907) 746-1073

March 19, 1994

Mr. Robert Crockett
Lot 7A, Block 2, Seaview Subdivision
Anchorage, Alaska

**PERCOLATION TEST RESULTS
AND
GENERAL SITE INVESTIGATION REPORT**

On February 26, 1994, the above-referenced 70,262.28 square foot site was inspected in conjunction with soil perk tests being performed for application and approval for the installation of an on-site waste water disposal system. The site is located at the intersection of West Dimond Boulevard and proposed Lori Dr. in Anchorage, Alaska. The system is being installed to serve a new four-bedroom home scheduled for construction in the spring of 1994. The septic tank will be a 1,250 gallon tank.

The site is on the north side of West Dimond Boulevard with a gradual slope ranging from approximately 1% to 2% in the west-east direction and 1% to 2% in the south-north direction to the middle of the lot then an 8% slope to the north lot line. The immediate area that has been selected for the waste water disposal system has an average slope of 1%. The site is moderately treed with birch, spruce and alders. It appears that there are no obstructions that would prevent surface water runoff.

On-site observation and physical survey shows that there are no water wells nor private waste water disposal systems within a 100' radius of the proposed system. There is an existing water well on the site, which the owner intends to use.

No surface water was observed at the time of the inspection, and it appears that there is no potential for contamination of adjacent water wells or streams.

One percolation test was taken at the site to assess the adequacy of subsurface soils to accommodate both the primary and replacement on-site waste water disposal system. The results of this test are attached to this report.

Mr. Robert Crockett
March 19, 1994
Page 2

The test site had adequate percolation rate to support the proposed four-bedroom residence. Subsurface soils were found to be sand with some gravel overlain by 12" of surface organics.

The percolation rate for the soil was found to be less than one minute per inch. By inspection, it was determined that the material has a percentage of sand greater than 50%; therefore, a sand liner is not anticipated. A sieve analysis will be provided to the Municipality's On-Site Waste Water Department.

If there should be any questions concerning the percolation rate or characteristics of the site, please call me at (907) 746-1073.

Sincerely,


Douglas T. Kenley P.E.
PE#8176

RECEIVED

APR 8 1994

Municipality of Anchorage
Dept. Health & Human Services

ABSORPTION TRENCH LENGTH CALCULATION

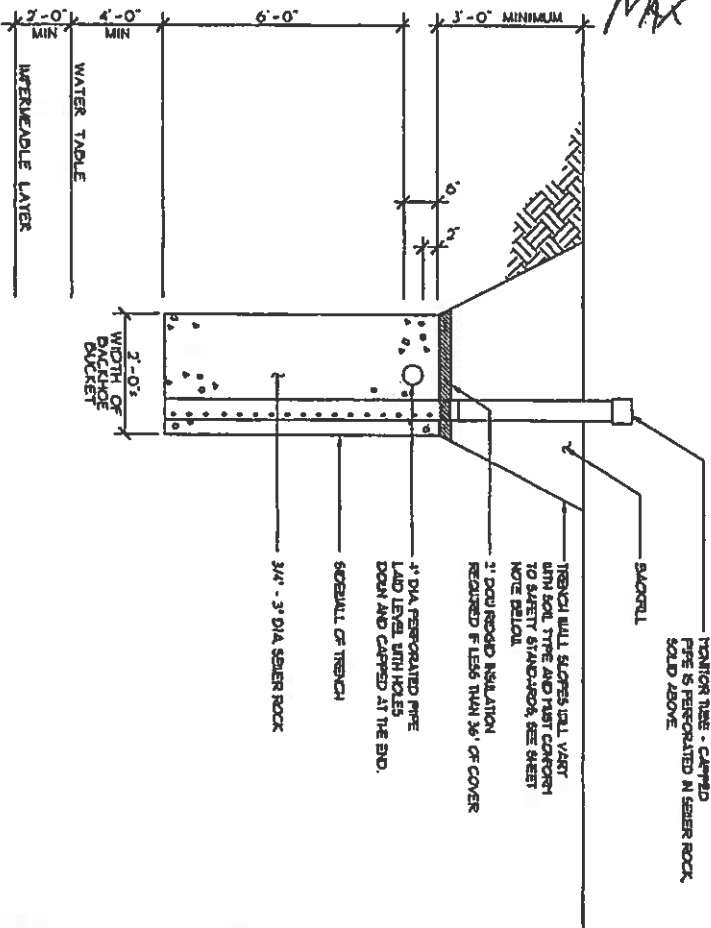
SOIL TYPE: SAND WITH SOME GRAVEL
PERCOLATION RATE: LESS THAN 1 IN. PER HOUR (6" PERC. HOLE DIAMETER)
APPROXIMATE RATE (APR) U (GROSS TABLE L 49 50-48)
DESIGN (4) BEDROOMS • 800 GALL PER BEDROOM • 3200 GALLONS

LENGTH OF SODSILL • $\frac{600 \text{ GALL APR}}{\text{EFFECTIVE DEPTH X 3}}$

LENGTH OF SODSILL • $\frac{600 \text{ GALL APR}}{6' \times 3} \cdot 41 \text{ LF (USE 47)}$

- ASSUMES DOMESTIC WATER USAGE NO MORE THAN (4) BEDROOM RESIDENTIAL, NOTE CONSUMPTION
- CALCULATION PERMITS OBTAINED FROM MUNICIPALITY OF ANCHORAGE WASTEWATER DISPOSAL REGULATIONS SEPTEMBER 14, 1989 CHAPTER 6.5.6.6.6

NOTE: FOR APPROXIMATE EXCAVATION, TRENCHING, AND SHORING SAFETY STANDARDS, CONTACT THE STATE OF ALASKA DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH COMPLIANCE, CONSULTATION AND TRAINING DIVISION OF LABOR STANDARDS AND SAFETY AT 744-2223 OR 744-2571.



71 1019
slope 3%
MAX TO 9.0
1250 gpm

ABSORPTION TRENCH SECTION

DOUGLAS T. KENLEY, P.E.

Civil Engineer

1000 1st Ave. S.W.

Portland, Maine 04104

SEP 14-1993

MR. ROBERT CROCKETT RESIDENCE
Lot 7A, Blk 2, Seaview Height Subdivision

Anchorage, Alaska

Job No. 83075
Date 3/20/94
SECTION

C2



ABSORPTION TRENCH LENGTH CALCULATION

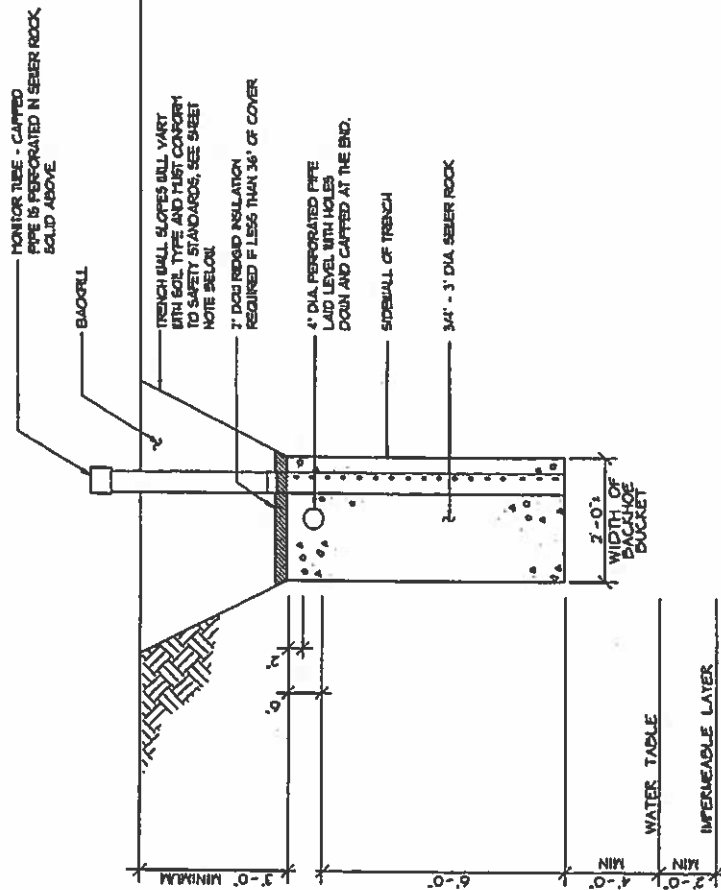
SOIL TYPE: SANDY SILT WITH 60% GRAVEL
 PERCOLATION RATE: 30 MIN PER INCH (16" PERC HOLE DIAMETER)
 APPLICATION RATE (ARI): 0.5 GPD/SF (TABLE 1 AND 30-48) USED 0.15 IN CALCULATION
 DESIGN (4) BEDROOMS: • 50 GAL PER BEDROOM • 600 GALLONS

LENGTH OF SIDESWALL • $\frac{600 \text{ GALLONS}}{\text{EFFECTIVE DEPTH } \times 7}$

LENGTH OF SIDESWALL • $\frac{600 \text{ GALLONS}}{6' \times 7}$ • IF USE TWO TRENCHES 30' IN LENGTH

- ASSUMES DOMESTIC WATER USAGE NO MORE THAN (4) BEDROOM RESIDENTIAL, NOTE CONSUMPTION
- CALCULATION METHOD OBTAINED FROM MUNICIPALITY OF ANCHORAGE WASTEWATER DISPOSAL REGULATIONS, SEPTEMBER 18, 1990, CHAPTER 8.6.5.040

NOTE: FOR APPLICABLE EXCAVATION, TRENCHING AND BORING SAFETY STANDARDS, CONTACT THE STATE OF ALASKA DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH COMPLIANCE, CONSULTATION AND TRAINING DIVISION OF LABOR STANDARDS AND SAFETY AT 764-2595 OR 764-2591.



ABSORPTION TRENCH SECTION



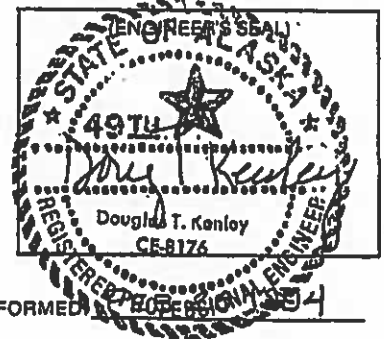
DOUGLAS T. KENLEY, P.E.

MR. ROBERT CROCKETT RESIDENCE
 Lot 7A, Blk 2, Seaview Height Subdivision
 Anchorage, Alaska

drawn: DK
 checked: DK
 date: 3/20/94
 revision:
 job no.: 832015
 sheet no.: SECTION
 C2



Municipality of Anchorage
DEPARTMENT OF HEALTH & HUMAN SERVICES
825 "L" Street, Anchorage, Alaska 99502-0650
SOILS LOG — PERCOLATION TEST



PERFORMED FOR: ROBERT CROCKETT

DATE PERFORMED: 3/7/94

LOT 7A BLK 2

LEGAL DESCRIPTION: SEAVIEW HEIGHT SUBN. Township, Range, Section:

DEPTH
(FEET)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

ORGANIC

SANDY SILT

SAND WITH

SOME GRAVEL

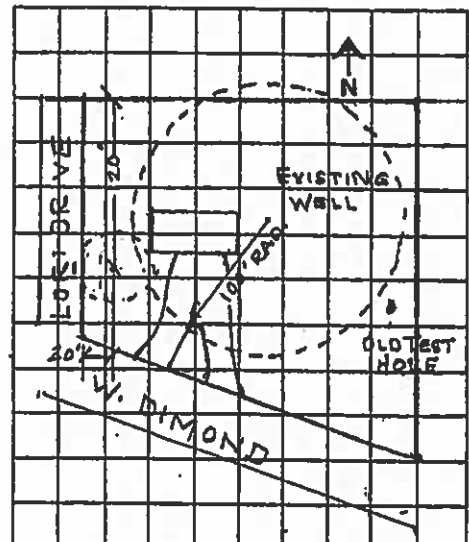
over 50% Sand

BOTTOM
OF HOLE

SLOPE



SITE PLAN



WAS GROUND WATER
ENCOUNTERED?

No

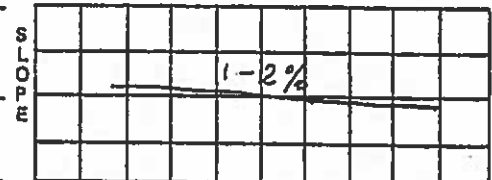
IF YES, AT WHAT
DEPTH?

N/A

Depth to Water After
Monitoring?

N/A

Date: 3/7/94



Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
	<u>3/26/94</u>	<u>0</u>	<u>0</u>	<u>9 IN</u>	
	<u>"</u>	<u>1 MIN</u>	<u>1 MIN</u>	<u>6 IN</u>	<u>3 MIN</u>
	<u>"</u>	<u>2 MIN</u>	<u>1 MIN</u>	<u>3 IN</u>	<u>3 MIN</u>
	<u>"</u>	<u>3 MIN</u>	<u>1 MIN</u>	<u>0</u>	<u>3 MIN</u>

PERCOLATION RATE < 1 (minutes/inch) PERC HOLE DIAMETER 6"

TEST RUN BETWEEN 4.5 FT AND 5 FT

COMMENTS

PERFORMED BY: FRED KENLEY

Douglas T. Kenley

CERTIFY THAT THIS TEST WAS PERFORMED IN

ACCORDANCE WITH ALL STATE AND MUNICIPAL GUIDELINES IN EFFECT ON THIS DATE. DATE: MAR. 20, 1994

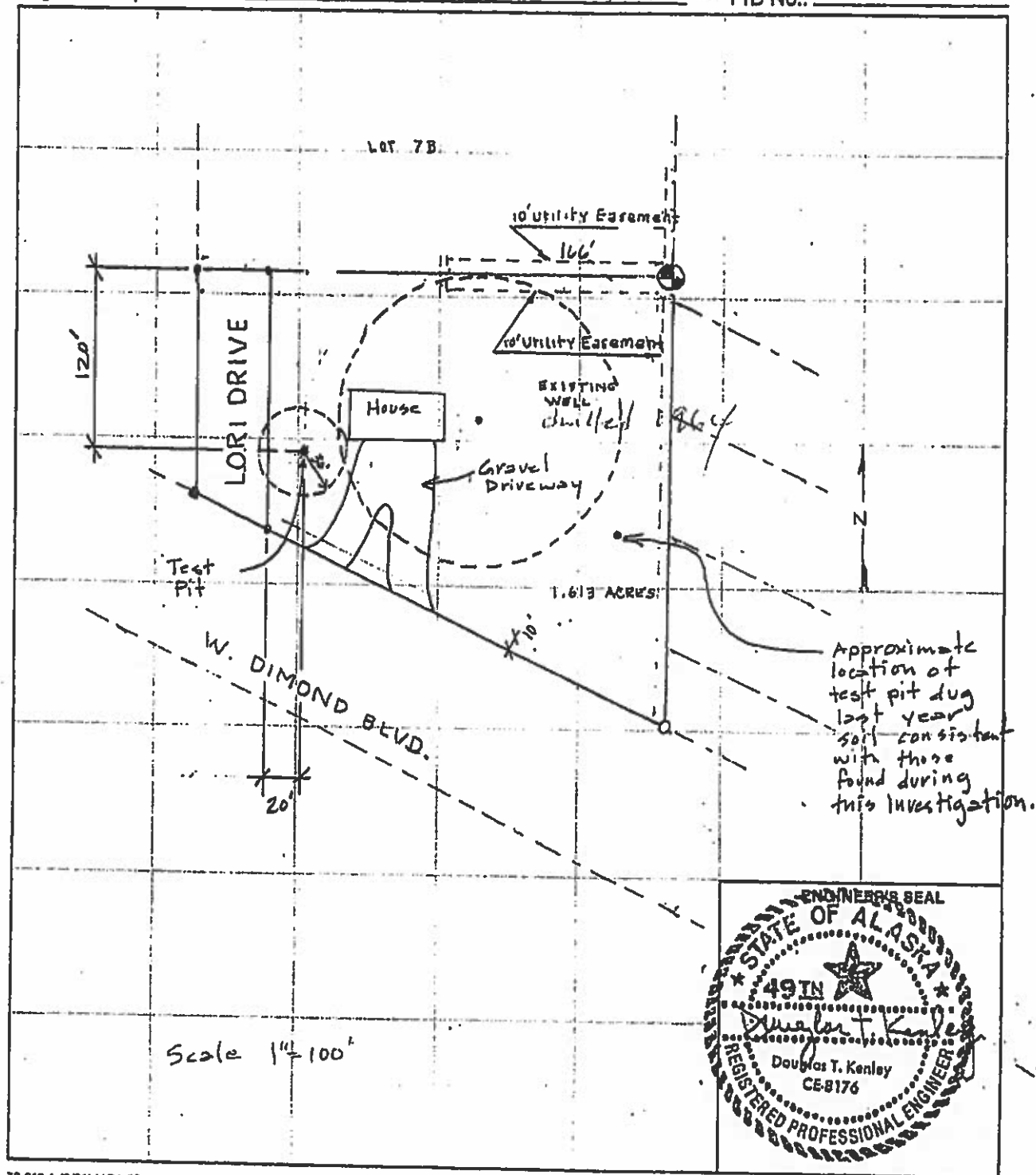
Municipality of Anchorage
DEPARTMENT OF HEALTH AND HUMAN SERVICES
ENVIRONMENTAL SERVICES DIVISION

P.O. Box 196650 • Anchorage, Alaska 99519-6650 • Telephone: 343-4744
On-Site Wastewater Disposal System and/or Well Inspection Report

MR. ROBERT CROCKETT

Legal Description: LOT 7A BLOCK 2 SEAVIEW HEIGHT SUB:

PID No.: _____



RECEIVED

APR 14 1994

ANCHORAGE, ALASKA 99502

Dept. Health & Human Services

Sheet 1 of 1
Date: 6-19-93

WATERWELL - TEST PUMP REPORT

Owner Robert C. Cackett Address _____

Well Location 65.93 WEST DIAMOND

Well Information: Ttl. Depth UNK Depth of Casing UNK Screen From — To —

Casing Size 6 1/2 Screen Diam 7 1/2 Screen Slot 1/2

Remarks Exiting pump jet 4-12 PM

Pump Information: Intake Depth _____ Pump Size _____ Air Line Depth 50 M/R

Static Water Level 157 Av. Discharge 715 GPM. Max. Drawdown 159

Pump On: Time 11:50 Date 6/19 Pump Off: Time 1:30 Date 6-19

TIME	WATER LEVEL	PIEZO-TUBE	FLOW GPM	REMARKS
1150	159	"	"	7 AMP 0 G2 # CUT OFF
1156	158	"	7.5	Cloud & Cloud
1157	159	"	7.5	DIRT BROWN
1159	159	"	7.5	DIRTY W/ SAND FINE GRAIN SAND
1200	159	"	7.5	Clearing 1st SAND FINE DIRT SAND
1205	159	"	7.5	Clearing some fines
1210	159	"	7.5	" " "
1215	159	"	7.5	SAME Clearing some Fines
1220	159	"	7.5	Clearing some fines
1225	159	"	7.5	Clearing " "
1230	159	"	7.5	Much better some Fines
1235	159	"	7.5	" " " "
1240	159	"	7.5	Clear well. TALL of fine
1300	PUMP OFF	OFF		Terminate Recovery to 15' "
1250	-	-		TRNO SAMPLES
				WET END ON PUMP WORK OUT
				HAS G2 # SHUT OFF PRESS FROM 159'
				WELL IS STABLE AT 7.5 GPM WITH
				DRAW DOWN TO 159' - (2 FT.)
				RECOMMEND INSTALLING NEW 3/4" HT PUMP
				& PUMPING FOR 12 HRS. WHEN WELL
				IS PUT INTO SERVICE

KEN JOHNSON CWD/PI

NWWA CERTIFIED

KEN JOHNSON DRILLING CO.

WATER WELL DRILLING
PUMP SALES AND SERVICE
39 Years Alaska Drilling

(907) 243-2282
FAX: (907) 243-4852

KEN JOHNSON
3163 LINDEN DRIVE
ANCHORAGE, ALASKA 99502

NAME Robert Crockett DATE 6/19/83
ADDRESS _____ PHONE 248-9529
LOCATION Lead Lake & Summers ZIP _____

LEGAL: LOT _____ BLK _____ SUBD. _____

PUMP DATA: HP _____ VOLTS _____ PH _____ AMPS _____ MODEL _____
CONTROLS _____
PUMP INTAKE DEPTH _____ DROP PIPE SIZE _____
TANK SIZE & TYPE _____
FILTERS & TYPE _____

WELL DATA: CASING SIZE _____ DEPTH _____ WATER LEVEL _____ GPM _____ DD _____
PITLESS: TYPE _____ DEPTH _____ WELL SEAL _____

TIME: ON SITE _____ OFF SITE _____
REMARKS:

See Test Pump Data

*Pull pump out of pitless & reset for testing
flow test well
with 230 V power
plant*

ump sum \$500.00

Estimate on New Pump

Wike & ch. valves &

ground pit - \$1320

& install

paid 4/04/1

KEN JOHNSON CWD/PI
NWWA CERTIFIED



GREATER ANCHORAGE AREA BOROUGH
Department of Environmental Quality
3330 "C" Street, Anchorage, Alaska 99503 274-4561

Date Received 4-3-75

Time of Inspection _____

Date of Inspection 4-16-75

REQUEST FOR APPROVAL OF
INDIVIDUAL SEWER & WATER FACILITIES
FOR

CONV.

1. Approval requested by: Alaska Mutual Savings Bank, Attn: John Lang
Mailing Address: 601 W. 5th Phone: 274-3561
2. Property Owner: Monica M. Blaydes Phone: —
Mailing Address: 1020 Grelle Ave.
3. Legal Description: LOT 7A, BLK 2 SEARVIN S/D
4. Location: 6533 W. Diamond
5. Type of facility to be inspected Duplex No. of bedrooms total of 3
6. Well Data:
 - A. Type Drilled B. Depth 168'
 - C. Construction Pit Daylight drain D. Bacterial Analysis O.K 4-11-75
7. Sewage Disposal System: approved via diagrams
 - A. Installed Prior 1966 B. Installer ?
 - C. Septic Tank: 1. Size ? ROUND TANK Manufacturer ?
 - D. Seepage Pit: 1. Absorption Area ? 2. Material Log
 - E. Disposal Field: Total length of lines ?
8. Distances:
 - A. Well to: Septic tank 90', Absorption area 148', Sewer Lines —,
Nearest lot line 20'+, Other contamination —
 - B. Foundation to septic tank 5', Absorption area 20'+
 - C. Absorption area to nearest lot line 20'+

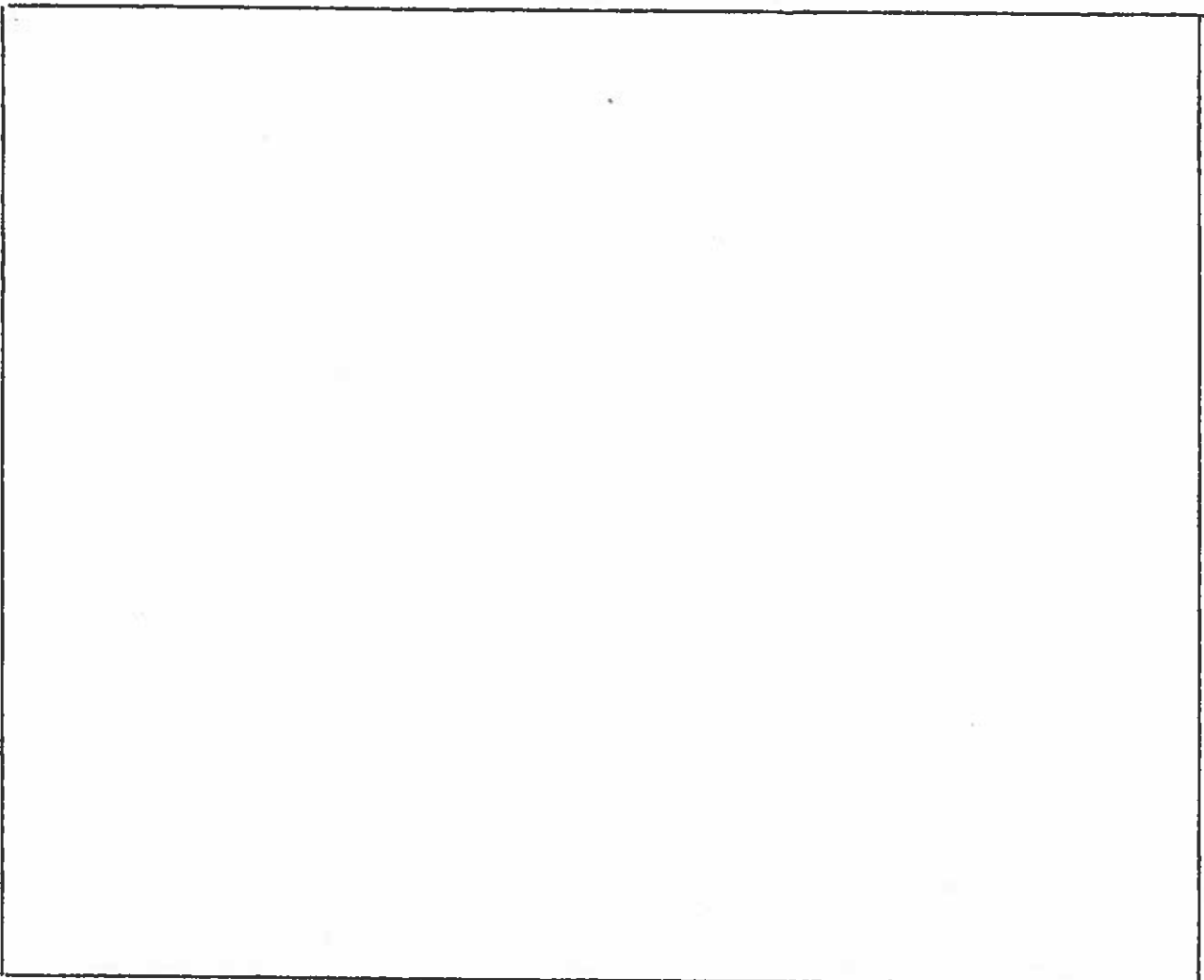
Legal Description Lot 7A, Bk 2 Seawind S/D

Comments Approval based upon statements and diagrams of owners.

Approved Les Buchholz Disapproved _____ Date 4-16-75

Approval Valid for one year from date signed
Greater Anchorage Area Borough, Department of Environmental Quality

DIAGRAM OF SYSTEM



I certify that the information contained in this request for approval to be a true and accurate representation of the subject sewer and water facilities and these facilities are operating satisfactorily.

SIGNED _____ Date _____

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES

DIVISION OF PUBLIC HEALTH

INDIVIDUAL AND SEMI-PUBLIC

BACTERIOLOGICAL WATER ANALYSIS

Lab No. _____

DATE _____

OFFICE _____

INDIVIDUAL ☐ SEMI-PUBLIC ☐ CHLORINE RESIDUAL PPM _____

REPORT RESULTS TO

NAME _____

ADDRESS _____

CITY _____ ZIP CODE _____

ADDRESS
OF SOURCE _____

Analysis shows this Water SAMPLE to be:

- ☐ Satisfactory
☐ Unsatisfactory
☐ Questionable
☐ Sample too long in transit; sample should not be over 48 hours old at examination to indicate reliable results. Please send new sample.
☐ Bottle broken in transit, please send new sample.

SANITARIAN'S REMARKS

COMPLETE THIS SECTION
ONLY IF WATER IS AN INDIVIDUAL SUPPLY

SAMPLE COLLECTED BY _____

DATE COLLECTED _____ TIME COLLECTED _____
Sample Collected From ☐ Kitchen Tap ☐ Bathroom Tap ☐ Basement Tap☐ Other (List) _____SOURCE: Well - ☐ Dug Spring ☐ Driven Cistern ☐ Drilled Other ☐ BoredDug Well or Cistern Construction:
Walls - ☐ Wood ☐ Concrete ☐ Metal ☐ Tile Open Top ☐ Brick or Concrete
Top - ☐ Wood ☐ Concrete ☐ MetalLOCATION: ☐ In Basement ☐ Basement Offset ☐ Under House
☐ In Yard ☐ Other _____

DISTANCE TO: Building Sewer or Other Drainage Pipe _____ Feet. Septic Tank _____ Feet.

Tile Field _____ Feet. Pit _____ Feet. Pool _____ Feet. Privy _____ Feet.

Other Possible Sources of Contamination _____

MATERIAL: Building Sewer - ☐ Cast Iron ☐ Wood ☐ Tile ☐ Fibre ☐ Asbestos Cement
☐ Plastic Joint Material - Type _____GENERAL: Does Water Become Muddy or Discolored? ☐ Yes ☐ No

When? _____

Diameter of Well _____ Depth _____ Feet.

Well Casing Material _____ Diameter _____ Depth _____

Length of Drop Pipe _____ Water Depth From Bottom _____ Feet.

PUMP LOCATION: ☐ In Well ☐ Offset in Basement ☐ In Basement ☐ In Utility Room☐ On Top ☐ Of Well ☐ Other _____PURPOSE OF EXAMINATION: Illness Suspected? ☐ Yes ☐ No
New Source of Supply? ☐ Yes ☐ No Repairs to System? ☐ Yes ☐ No Signature _____06-1220 (b)
Rev. 1973

BACTERIOLOGICAL WATER ANALYSIS RECORD

READ INSTRUCTIONS

ON

REVERSE SIDE

BEFORE

COLLECTING SAMPLE

Date Received _____ Time Received _____ am pm Lab. No. _____

Lactose Broth	10cc	10cc	10cc	10cc	10cc	1.0cc	1.0cc
24 Hours							
48 Hours							
Brilliant Green	10cc	10cc	10cc	10cc	10cc	1.0cc	1.0cc
24 Hours							
48 Hours							

EMB _____ AGAR _____

Lactose Broth, 24 hrs. _____ 48 hrs. _____ Gram's stain _____

Coliform Density _____ (Most probable No. per 100cc)

MF Results _____

Reported by _____ Date _____ a.m. p.m.

This analysis indicates Coliform Organisms to be: Absent _____

Present _____

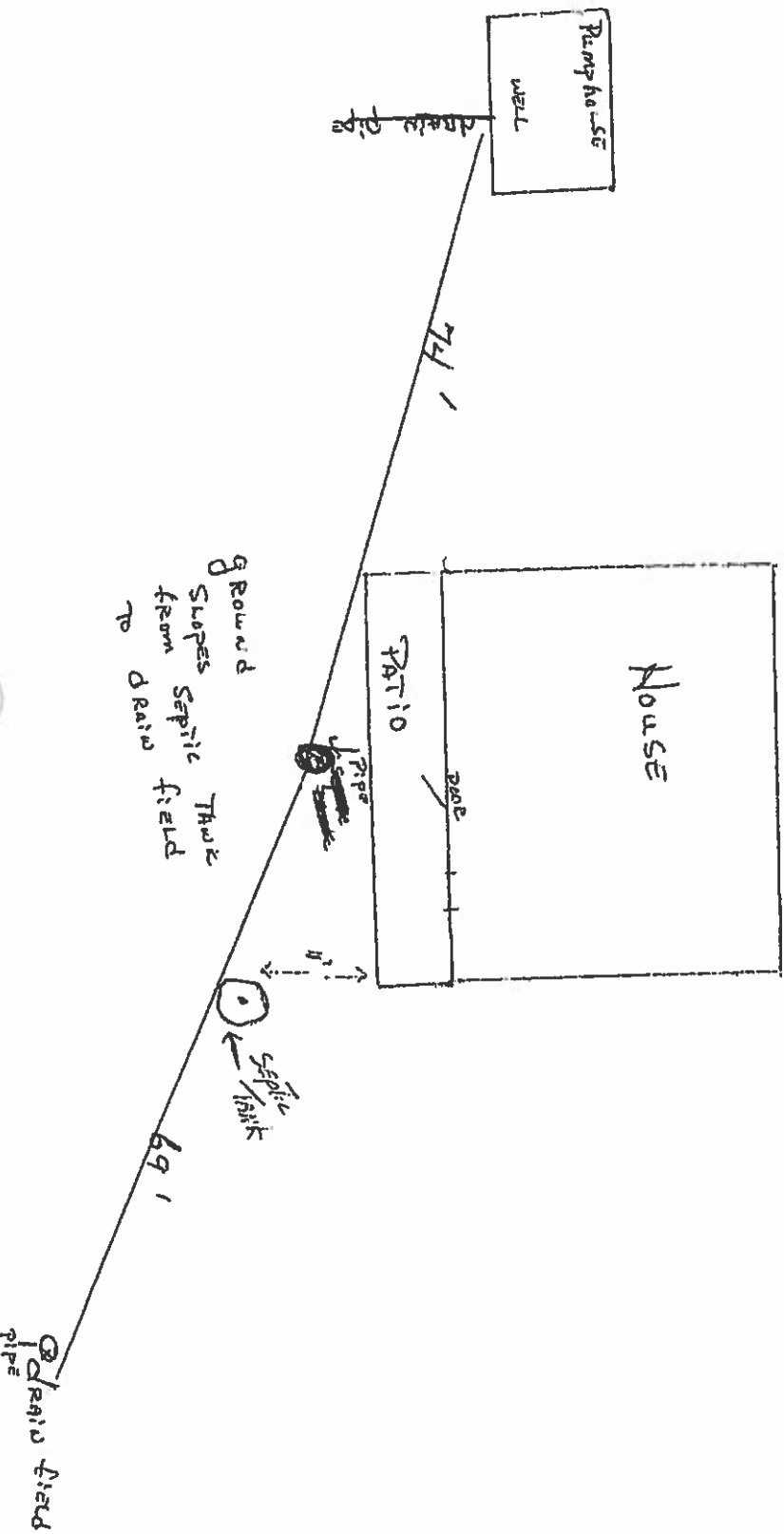
S

Diamond Blvd

Subscribed and sworn to before me this 14th day of April, 1975 BY: Monica (Maxwell) Blaydes
Notary Public in and for the State of Idaho. Residing at Lewiston Monica (Maxwell) Blaydes
Dated: April 14, 1975

E

W



N

This hereby reviews my complete and full knowledge to the best of my ability relating factors of the drainage system at 6533 W. Dimond Blvd., Anchorage, AK. My late husband, Elden I. Maxwell showed me where the 1,000 gallon septic tank was located. This information was related to him by prior seller who obtained it from the original owner. I am enclosing a drawing to illustrate the location, as well as this written description. The tank is located outside back basement entrance door directly off the patio. It is approximately 74' from the pumphouse and 69' to drainage field. One will view a pipe approximately 24" in height showing location of large septic tank.

Mr. John Chase, the original owner, believed in having equipment larger than a normal family's adequate needs. The furnace is 550,000 BTU with a 1,000 gallon fuel tank, again showing his philosophy of having more than superior standard adequate units.

The drainage field is 69' from septic tank. The Seaview Heights Sub. is gravel strata, thus lending to excellent drainage. The drainage field can also be viewed by iron post painted white about 6' (six foot) from fence line. Soil boring done by Tom Sexton in 1974 showed drainage to be more than adequate.

Regarding the well. It is located in pumphouse. A drain is present in the well house floor and it drains to the outside of the building approximately 10 to 12 feet. It has functioned very adequately in the past.

Based on these facts, I certify that there is a well, septic tank and drainage field which to the best of my knowledge has always functioned adequately. This information was proved to me by my late husband. My late husband, Elden I. Maxwell resided at 6533 W. Dimond from 1966 until mid 1973. I lived at the above mentioned address from 1968 until mid November, 1974 and during these times, the well, septic tank and drainage field functioned properly.

Dated April 14, 1975

Monica (Maxwell) Blaydes
Monica (Maxwell) Blaydes

Subscribed and sworn to before me this 14th day of April, 1975

Robert B. Jones

Notary Public in and for the State of Idaho. Residing at Lewiston.

DTI001556

DTI001557

DTI001558