19282

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____/____/______ Completed: 8 / 18 / 1983 Pump Install: ____/____/_______

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	BEACHSIDE ESTATES	B1	L07	PENINSULA DEVELOPMENT ,

Well location: Latitude 60.51692299999999 **Longitude** -151.247699

Meridian S Township 005N Range 011W Section 17 , SW 1/4 of SW 1/4 of SW 1/4 of SE 1/4

BOREHOLE DATA: (from ground surface)
Suggest T.**M. Hanna's hydrogeologic classification system***
https://my.ngwa.org/NC__Product?id=a185000000BYub3AAD

	Depth	
	From	To
Topsoil	0	3
Sand	3	40

Drilling method: ☐ Air rotary, ☐ Cable tool, ☐ Other ________

Well use: ☒ Public supply, ☐ Domestic, ☐ Reinjection, ☐ Hydrofracking ☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling, ☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage, ☐ Heating, ☐ Geothermal Exploration, ☐ Other ________

Fluids used: ________

Depth of hole: 40 ft Casing stickup: ______ ft
Casing type: ______ Casing thickness: ______ inches
Casing diameter: ______ inches Casing depth: ______ ft
Liner type: ______ Depth: ______ ft Diameter: ______ inches
Note: ________

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other ________
Screen type: ______, Screen mesh size: ______
Screen start: ______ ft, Screen stop: ______ ft, Perforated ☐ Yes ☒ No
Perforation description: ________ Perf from: ______ ft, Perf to: ______ ft, Perf from: ______ ft, Perf to: ______ ft
Gravel packed ☒ Yes ☐ No Gravel start: ______ ft , Gravel stop: ______ ft
Note: ________

Static water (from top of casing): 18 ft on ____/____/______ Artesian well ☐
Pumping level & yield: ______ feet after ______ hours at 60 gpm
Method of testing: ________
Development method: ________ Duration: ________
Recovery rate: ______ gpm

Grout type: ________ Volume ________
Depth: From ________ ft, To ________ ft

Final pump intake depth: ______ ft Model: ________
Pump size: ______ hp Brand name: ________

Was well disinfected upon completion? ☐ Yes ☒ No
Method of disinfection: ________
Was water quality tested? ☐ Yes ☒ No
Water quality parameters tested: ________

Well driller name: Wayne Gepner
Company name: PENINSULA DRILLING
Mailing address: ....
City: ________ State: AK Zip: ________
Phone number: (______) ______-______
Driller's signature: ________
Date: ______/______/__________

Include description or sketch of well location (include road names, buildings, etc.):

North

AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within **45 days of well completion**. Well logs may be submitted using the online well log reporting system available at:

https://dnr.alaska.gov/welts/

OR email electronic well logs to

dnr.water.reports@alaska.gov

Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within **30 days of well completion**.

City Permit Number: ________
Date of Issue: _____/____/_________

Parcel Identification Number: ______-_______-________

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

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Peninsula Drilling
P.O. BOX 1283
KENAI, AK. 99611
283-4294

SB5-11-17 DCCC
KR05

OWNER OF LAND Peninsula Development
ADDRESS Rte 2, Box 827 Soldotna
WELL—SITE Lot 7 Blk-1 Beach side Est.
DATE—STARTED 8-17-83 well #2
DATE—ENDED 8-18-83

DEPTH OF WELL 40
STATIC LEVEL OF WATER FT. 18
DRAW DOWN FT. 11
GALS. PER HR. 3600
KIND OF CASING 6" .250 wall

KIND OF FORMATION:

FROM 0 FT. TO 3 FT. Top Soil
FROM 3 FT. TO 40 FT. sand
FROM FT. TO FT.
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MISCL. INFORMATION: Installed a 11' 1/2' well screen Top .014 slot Bottom 5.028

DRILLER'S NAME Robert [illegible]

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BOX 937 SOLDOTNA, ALASKA 99669 CONSULTING ENGINEERS (907) 262-4624
Mike Tauriainen, P.E.

RECEIVED
JUN 1 1989
Department of
Environmental Conservation
[illegible]

May 30, 1989

89025

Don Seagren
ADEC
Box 1207
Soldotna, Ak 99669

Subject: Lot 2, Beachside Estates Subdivision
HUD#111-0275057
On Site Water/Wastewater System Inspection

Don:

Adequacy and flow tests were conducted by our firm on subject property on May 25, 1989 in accordance with our standard procedures for testing on-site water/wastewater systems. We understand the eight bedroom fourplex has been vacant for an undetermined time. The water system and the soil absorption system (SAS) performed adequately under the conditions of the tests.

The SAS was constructed in 1983, and consists of a bed system according to the attached record data. The record data also indicates that 1500 and 1000 gallon septic tanks were installed in series. Measurements and probing during this inspection (pumping receipt attached) appear to agree with the record data.

At the time of our test, the SAS was determined to be capable of absorbing 2123 gallons of water in less than twenty-four hours; this is approximately two times the recommended daily wastewater load for an eight bedroom residence.

→ The subject wells are located in a water easement on lot 7, Beachside Estates Subdivision. The wells are classified as Class "A" wells because they serve seven, eight-bedroom fourplexes.

At the time of our test, the water flowed through a hose bib and 50' of 5/8" hose at an average rate of 6.5 gpm for approximately 6 hours. A triennial water sample was taken for inorganic analysis (results attached) and meet the minimum standards. Water system tests must be performed periodically in accordance with 18 AAC 80.060 *State of Alaska Drinking Water Regulations*. A water sample was also taken for total coliform bacteria analysis, and the results (attached) indicate the well to be free of total coliform bacteria.

SB5-11-17 OCC

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CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

TELEPHONE (907) 562-2343
ANCHORAGE INDUSTRIAL CENTER
5633 B Street

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES

Drinking Water Analysis Report for Inorganic, Organic, and Radiochemical Contaminants

TO BE COMPLETED BY PUBLIC WATER SUPPLIER

PUBLIC WATER SYSTEM:

I.D. NO.

Public Water System Name: Northern Test Lab

Address: Box 937

City: Soldotna, State: Alaska Zip Code: 99669

Note: Check box to left of contaminants listed below for the analyses desired.

SAMPLE DESCRIPTION:

Collected By: Mike Taurianien

Sample Location: Beachside Estates, Well #2

Source Type ☐ Surface Water ☐ Ground Water

Sample Date: Mo. 8 Day 22 Year 83

☐ Routine Sample ☐ Untreated Water

☐ Special Purpose Sample ☐ Treated Water

TO BE COMPLETED BY CERTIFIED LABORATORY

Laboratory Name: CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

Address: 5633 "B" STREET

City: ANCHORAGE, State: ALASKA Zip Code: 99502

Sample No. 3210 Station No.

Laboratory Analysis No.

Received by: DB Date: 8-22-83

INORGANICS

	Limit	Mg/l
☐ Arsenic	(0.05)<	0.01
☐ Barium	(1.)<	0.5
☐ Cadmium	(0.010)<	0.010
☐ Chromium	(0.05)<	0.01
☐ Fluoride	(2.4)<	0.10
☐ Lead	(0.05)<	0.01
☐ Mercury	(0.002)<	0.001
☐ Nitrate - Nitrogen	(10.)	0.11
☐ Selenium	(0.01)<	0.01
☐ Silver	(0.05)<	0.01
☐ Turbidity	(1 NTU)	11
☐		
☐		
☐		
☐		
☐		

ND Indicates Not Detected

ORGANICS

	Limit	Mg/l
☐ Endrin	(0.0002)	.
☐ Lindane	(0.004)	.
☐ Methoxychlor	(0.1)	.
☐ Toxaphene	(0.005)	.
☐ 2, 4-D	(0.1)	.
☐ 2,4,5 - TP Silvex	(0.01)	.
☐		
☐		

RADIOACTIVITY

	Limit	pCi/l
☐ Gross Alpha	(15)	
☐ Radium 226 & 228	(5)	
☐ Gross Beta	(50)	
☐ Strontium - 90	(8)	
☐ Tritium	(20,000)	
☐		
☐		

SB 5-11-17 OCCC

Date Analysis Completed: 8-31-83

Signature of Laboratory Supervisor: Daniel J. Bacon Daniel J. Bacon

Date reported: 8-31-83

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CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

TELEPHONE (907) 562-2343 ANCHORAGE INDUSTRIAL CENTER
5633 B Street

ANALYTICAL REPORT

CUSTOMER Northern Test Lab SAMPLE LOCATION: Beechside Estates

DATE COLLECTED 8-22-83 TIME COLLECTED: 0630

SAMPLED BY E.L. SOURCE Well #2

REMARKS

FOR LAB USE ONLY

RECVD.BY DB LAB # 3210

DATE RECEIVED 8-22-83

DATE COMPLETED 8-31-83

DATE REPORTED 8-31-83

SIGNED Daniel J. Bacon

mg/l

☐Ag,Silver

☐Al,Aluminum

☐As,Arsenic

☐Au,Gold

☐B,Boron

☐Ba,Barium

☐Bi,Bismuth

☐Ca,Calcium

☐Cd,Cadmium

☐Co,Cobalt

☐Cr,Chromium

☐Cu,Copper

☐Fe,Iron 1.8

☐Hg,Mercury

☐K,Potassium

☐Mg,Magnesium

☐Mn,Manganese 0.45

☐Mo,Molybdenum

☐Na,Sodium

☐Ni,Nickel

mg/l

☐P,Phosphorous

☐Pb,Lead

☐Pt,Platinum

☐Sb,Antimony

☐Se,Selenium

☐Si,Silicon

☐Sn,Tin

☐Sr,Strontium

☐Ti,Titanium

☐W,Tungsten

☐V,Vanadium

☐Zn,Zinc

☐Zr,Zirconium

☐Ammonia Nitrogen-N

☐Kjedahl Nitrogen-N

☐Nitrate-N

☐Nitrite-N

☐Phosphorus (Ortho)-P

☐Chloride

☐Fluoride

mg/l

☐Cyanide

☐Sulfate

☐Phenol

☐Total Dissolved Solids 182

☐Total Volatile Solids

☐Suspended Solids

☐Volatile Suspended Solids

☐Hardness as $CaCO_3$

☐Alkalinity as $CaCO_3$

☐

☐Tannin/Lignin <0.5

☐

☐

* * * * *

☐umhos Conductivity

☐pH Units 6.5

☐Turbidity NTU

☐Color Units 125

☐ .Coliform/100ml

☐

☐

SB5-11-17DCC

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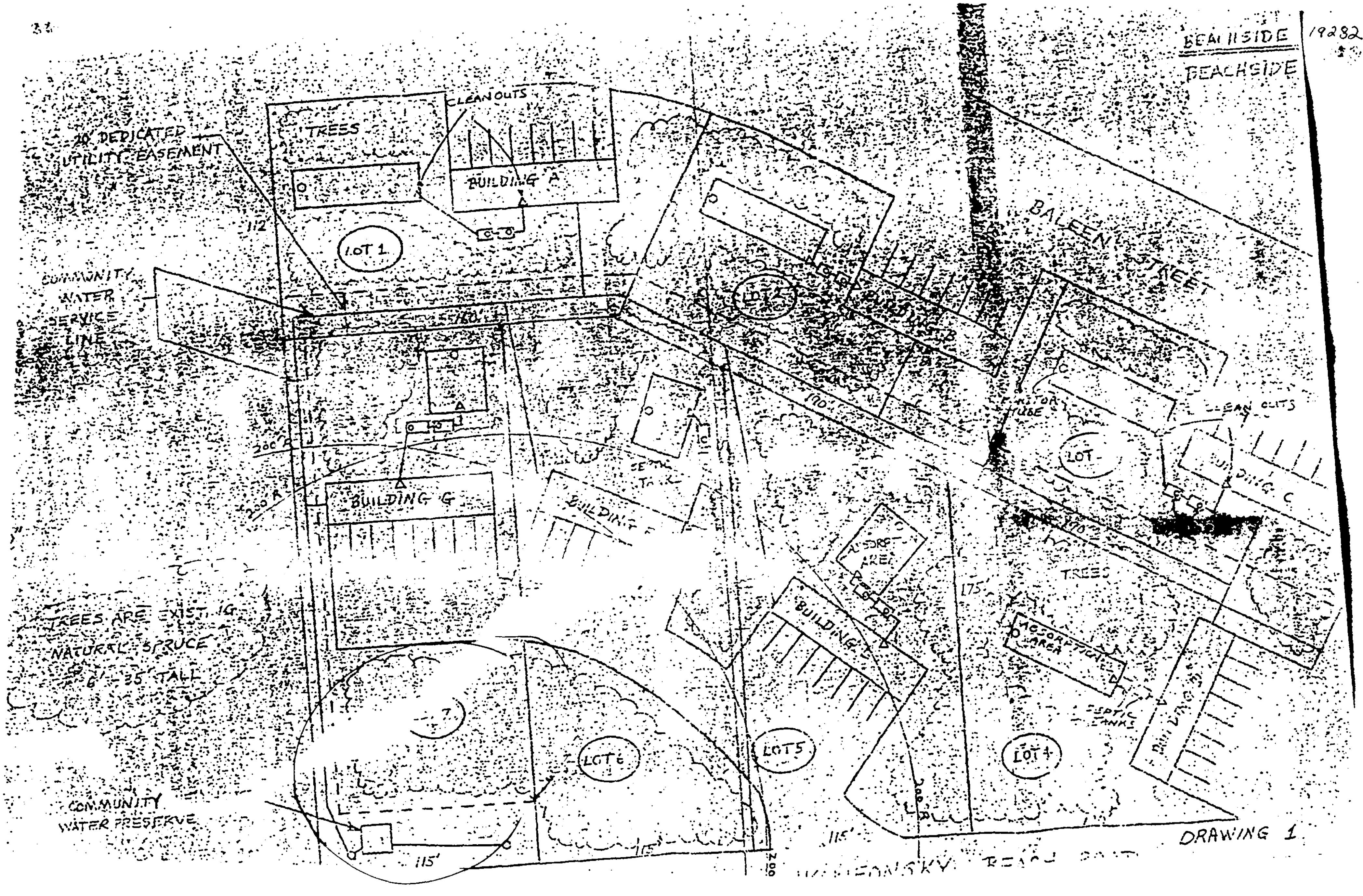
SB5-11-17DCCC
KR5



DRAWING 1