45475

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: 6 / 8 / 2010 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	NA		NA	Kenai Water System AK,

Well location: Latitude 60.564716299999986 **Longitude** -151.121811
Meridian S Township 006N Range 011W Section 36 , NW 1/4 of SW 1/4 of NE 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
GRAVEL FILL	0	2
SAND	2	7
SAND AND GRAVEL	7	14
WET SAND GRAVEL	14	19
WET SILT SAND GRAVEL	19	23
SAND GRAVEL WATER	23	29
GRAY CLAY	29	37
SAND SILT WATER	37	39
GRAY CLAY SILT SAND WATER	39	54
SILT SAND WATER	54	98
GRAY CLAY GRAVEL	98	110
SAND CLAY	110	114
GRAVEL CLAY	114	125
SAND GRAVEL WATER	125	132
CEMENTED GRAVEL	132	134
SAND GRAVEL WATER	134	174
COAL HARD TAN CLAY	174	177

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

North

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: 208 ft Casing stickup: ____ft
Casing type: ____ Casing thickness: ____ inches
Casing diameter: 6 inches Casing depth: 206 ft
Liner type: ____ Depth: ____ ft Diameter: ____inches
Note: ____

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened
Screen type: ____, Screen mesh size: ____
Screen start: 8 ft, Screen stop: 33 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): 39 ft on 6 / 8 / 2010 Artesian well ☐
Pumping level & yield: 152 feet after 4 hours at 273 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: .....
Company name: KRAXBERGER DRILLING INC .....
Mailing address: 48230 GAS WELL ROAD .....
City: SOLDOTONA State: AK Zip: 99669
Phone number: (____) ____- ____
Driller's signature: ____
Date: ____/____/____

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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Lower observation well (2D)

Well Drilling Log --- Kraxberger Drilling Inc. ---- (907) 262 - 4720

48230 Gas Well Road
Soldotna, Alaska 99669

Owner:	KENAI TEST WELL 2A	Road / Area:	Well log #
Legal description	WELL # 2	KENAI SPUR/BEAVER LOOP	4831
		Builder:	Latitude:
City:	KENAI	HDL TREVOR	Longitude:

Depth:	208 Date completed	6/8/2010	Driller RRK
Yield (gpm)	150 Static level:	38	Casing length: 206
Well completion:	8" to 33'; .010 Screen 203-208		Diameter(in) 6
			Rig type AR

0-2 GRAVEL FILL
2-7 SAND
7-14 SAND & GRAVEL
14-19 WET SAND & GRAVEL
19-23 WET SILT,SAND & GRAVEL
23-29 SAND,GRAVEL & WATER
29-37 GRAY CLAY
37-39 SAND,SILT,WATER
39-54 LAYERS GRAY CLAY,SILT,SAND,WATE
54-60 SILT,SAND,WATER
60-79 LAYERS GRAY CLAY,SILT,WATER
79-98 SAND,SILT,WATER
98-110 GRAY CLAY,GRAVEL
110-114 SAND & CLAY
114-125 GRAVEL & CLAY
125-132 SAND,GRAVEL,WATER
132-134 CEMENTED GRAVEL
134-174 SAND,GRAVEL & WATER
174-177 COAL,HARD TAN CLAY
177-189 CLAY
189-208 SAND SEMISOLID & WATER
8" CASING TO 33'

KRAXBERGER DRILLING,INC.
PUMP TEST DATA SHEET

PROJECT: KENAI TEST WELL 2A DATE OF TE 5/29/2014

WELL LOCATION(Legal dscrpt) BEAVER LOOP

WELL DEPTH 208 CASING: 206 SCREEN: .010 203-208

DATE WELL COMPLETED: 6/8/2010 DRILLER: RRK

STATIC LEVEL(top of casing) 39" 1'

Clock Time	Elapsed time since Pumping Started/ Stopped,Min.	Depth To Water Ft-In	Recovery Drawdown/	Pumping Rate GPM	Remarks
10:30		39' 1"		75	water meter
10:32		64' 4"		75	start
10:35		64' 2"		75	7158025
10:35		64' 2"		75	stop
10:40		64' 3"		75	7198700
10:45		64' 4"		75	
10:50		64' 3"		75	
10:55		64' 3"		75	
11:00		64' 3"		75	
11:10		64' 3"		75	
11:22		64' 3"		75	
11:30		64' 3"		75	
11:35		86' 7"		150	
11:42		87' 4"		150	
11:45		87' 7"		150	
11:50		87' 8"		150	
11:55		87' 9"		150	
12:00		87' 10"		150	
12:13		88' 2"		150	
12:20		88' 2"		150	
12:30		88' 5"		150	
12:35		122' 8"		225	
12:38		124' 7"		225	
12:45		124' 10"		225	
12:50		125' 3"		225	
12:55		125' 10"		225	
13:00		125' 10"		225	
13:10		126' 1"		225	
13:20		126' 3"		225	
13:30		126' 4"		225	
13:35		147' 1"		273	
13:40		148' 2"		273	
13:45		149'		273	
13:50		150' 6"		273	
13:55		151' 7"		273	

14:03		151' 10"		273	
14:10		152' 1"		273	
14:20		152' 5"		273	
14:30		152' 8"		273	
	RECOVERY				
	0	t/t'			t/t'
14:35	64' 1"				
14:40	47' 8"				
14:45	46' 6"				
14:50	45' 9"				
14:55	45' 3"				
15:00	44' 8"				
15:05	44' 5"				
15:15	44' 3"				
15:25	43' 6"				
15:35	42' 2"				
15:47	43' 6"				
16:05	36' 6"				
16:22	37' 5"				
16:53	38' 1"				