45493

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: 2 / 10 / 2016 Pump Install: ___/___/_____

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

Well location: Latitude 60.56584000000001 **Longitude** -151.12166899999997
Meridian S Township 006N Range 011W Section 36 , SW 1/4 of NW 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 SAND FILL	0	3
SILTY SAND	3	10
WET SILTY SMALL GRAVEL SAND	10	26
SAND GRAVEL WATER	26	43
GRAY CLAY	43	48
GRAY CLAY SILT SAND WATER	48	81
GRAY CLAY	81	89
WET SILTY SAND GRAVEL	89	130
GRAVEL SAND WATER	130	182
SAND COAL SILT	182	185
SANDY CLAY	185	192
SANDSTONE WATER	192	197
SANDY CLAY	197	201
SAND COAL WATER	201	228
HARD GRAY CLAY	228	235

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: 235 ft Casing stickup: 3 ft
Casing type: _____ Casing thickness: _____ inches
Casing diameter: _____ inches Casing depth: 143 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: 140 ft, Screen stop: 178 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): 10 ft on ___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 1000 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

45493

CLIENTNAME: CITY OF KENAI

LEGAL1:

LEGAL2: WELL 2E

PARCEL#:

ROADAREA: ACROSS FROM BEAVER LOOP SPUR HWY

CITY: KENAI

BUILDERNAME:

DEPTH: 228

DATE:

DRILLER: RICK KRAXBERGER

YIELDGPM: 1000

STATICLEVEL: 10

CASINGLENGTH: 143

CASINGSTICKUP: 3

LOGID: 5675

PUMPINFO: set on 6" galvanized pipe 105' below pitless. Pitless adapter is at 10'

DIAMETER: 12

RIGTYPE: DR24- AIR ROTARY

CASINGTYPE: STEEL .375 THICK

GROUT: bentonite 100 GALLONS 0-20FT

WELLCOMPLETION: FLUIDS USED WATER/AIR
DEVELOPMENT=AIRJETTING 44.5HRS
DISINFECTION: CHLORINE

IRON PPM:

SCREEN: SEE BELOW

CLASS:

LATITUDE: 60.56581

LONGITUDE: -151.12163

DRILLING REPORT:

0-3 GRAVEL SAND AND FILL

3-10 SILTY SAND

10-26 WET SILTY SMALL GRAVEL SAND

26-43 SAND GRAVEL AND WATER

43-48 GRAY CLAY

48-81 LAYERS OF GRAY CLAY SILT SAND WATER

81-89 GRAY CLAY

89-130 WET SILTY SAND AND GRAVEL

130-139 GRAVEL SAND AND WATER

139-165 SAND GRAVEL AND WATER

165-182 GRAVEL SAND AND WATER

182-185 SAND COAL SILT

185-192 SANDY CLAY

192-197 SEMI SOLID SANDSTONE AND WATER

197-201 SANDY CLAY

201-228 SAND COAL AND WATER
SANDY TOWARDS BOTTOM OF FORMATION

228-235 HARD GRAY CLAY

SCREEN:

.012 140-153

.016 153-158

.020 158-163

.050 163-173

.020 173-178

BLANK 178-208

.010 208-228