



STATE OF ALASKA 46493
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____/____/____ Completed: 5 / 1 / 1998 Pump Install: ____/____/____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Bristol Bay Borough				Ward Cove Packing Co AK,

Well location: Latitude 58.7395134 Longitude -156.979507
Meridian S Township 016S Range 046W Section 32 SW 1/4 of SW 1/4 of SE 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
Sand	0	20
Sand	20	70
Large Rock and Sand	70	75
Small cobbles and wet sand water	75	80
Large rock and cobbles water	80	100
Large rock and cobbles, silt	100	115
Small rock and clay	115	120
Fine sand and gravel, water	120	125
Clay and Gravel	125	140
Rock gravel and water	140	152
Clay and Rock	152	160
Clay small gravel wet	160	178
Fine sand 150 GPM	178	180
Fine sand 150 GPM	180	186
Gray heaving sand	186	199
gravel sand and little water	199	200
Clay and gravel	200	208

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

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: 222 ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: .25 inches

Casing diameter: 6 inches Casing depth: 200 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: _____ 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): 68 ft on ____/____/____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at _____ gpm

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: _____ gpm

Grout type: _____ Volume _____

Depth: From 0 ft, To 20 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: Steve Thomas

Company name: JOHNSON DRILLING CO

Mailing address: 3705 ARCTIC BLVD

City: ANCHORAGE State: AK Zip: 99503

Phone number: (_____) _____ - _____

Driller's signature: _____

Date: ____/____/____

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: _____ - _____ - _____

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

JOHNSON DRILLING CO
AS-BUILT DRAWING
COMPLETED 5/98

WARD COVE PACKING
CO.

RED SALMON PLANT
NAKNEK, ALASKA

0-20	Sand
20-40	Sand
40-60	Sand
60-70	Sand
70-75	Large rock and sand
75-80	Small cobbles and wet sand (water)
80-100	Large rock and cobbles (water)
100-115	Large rock and cobbles, silt
115-120	Small rock and clay
120-125	Fine sand and gravel (water)
125-140	Clay and gravel
140-152	Rock, gravel, water
152-160	Clay and rock
160-178	Clay small gravel, (wet)
178-180	Fine sand (150 GPM)
180-186	Same
186-199	Gray heaving sand
199-200	Gravel, sand w/ little water
200-205	Clay and gravel
205-208	Clay and gravel
208-210	Gravel sand and water
210-215	Same
215-217	Same
217-222	Same

Developed for 35 hrs total. Water developed normally with diminishing sand return and color as developing progressed.

Test pumped at 200 GPM drawing level from 68" static to 175' pumping level. Production capacity for this well is 200 GPM.

