

STATE OF ALASKA 54015 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Starte	ed: <u>6 / 30</u>	/_2018_	Comple	eted: <u>7</u> /_	1 / 2018 Pump Install://
City/Borough	Subdivis	ion	Block	Lot	Property Owner Name & Address
Aleutians East Borough					Silver Bay Seafoods 4039 21st Ave W Ste 201 WA, 98199
Well location: Latitude 54.					e -163.409058
Meridian S Towns	hip <u>061S</u> Ran	ge <u>094W</u>	Sectior		<u>N</u> 1/4 of <u>NW</u> 1/4 of <u>SW</u> 1/4 of <u>NW</u> 1/4
BOREHOLE DATA: (from ground surface)				_	hod: Air rotary, Cable tool, Other
Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC Product?id=a185000000BYub3AAD					Public supply, Domestic, Reinjection, Hydrofracking
Depth			pth		cial, ☐Observation/Monitoring, ☐Test/Exploratory, ☐Cooling,
		<u>From</u>		☐ Irrigation/	Agriculture, \square Grounding, \square Recharge/Aquifer Storage,
Cobbly sandy gravel		0	6	Heating,	Geothermal Exploration, Other
Sandy silt wet		6	14	Fluids used	
Gravelly sandy silt we	et	14	47	-	ole: 70.5 ft Casing stickup: 4 ft c: Steel Casing thickness: 0.25 inches
Silt		47	49		meter: 8 inches Casing depth: ft
Silty sandy gravel (wa	ater)	49	57	_	Depth: ft Diameter:inches
Cobbly sand gravel (w	ater)	57	70	Note:	
	•				opening type: Open end, Open hole, Other other
					e: Stainless steel, Screen mesh size: 60
					tt: 62.5 ft, Screen stop: 70.5 ft, Perforated Yes No
				to:	description: Perf from: ft, Perf ft, Perf from: ft
					ked Yes No Gravel start: ft , Gravel stop: ft
				Note:	.,, .,, .,, .,, .,
				Static wate	r (from top of casing): 13.6 ft on/ Artesian well
				Pumping le	vel & yield: 15.1 feet after 6 hours at 307 gpm
				Method of t	esting: pump
				Recovery ra	nt method: Duration:ate: 0.5 gpm
					Bentonite granules Volume 2 bags
					m <u>0</u> ft, To <u>10</u> ft
Include description or sketch of well location (include road names,			d names,	Final pump	intake depth: ft Model: 275H
buildings, etc.):					40 hp Brand name: Goulds
				Was well di	sinfected upon completion? Yes No
					disinfection: Chlorine tablets
					quality tested? ▼Yes No
				Water quali	ty parameters tested: Bacteria and metals
					name:
					name: ALPINE DRILLING AND ENTERPRISES
^			^		Iress: PO BOX 110496 ORAGE State: <u>AK</u> Zip: 99511
Neth				Phone num	ber: ()
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					nature:
				_	
be submitted using the online well log reporting system			·	Anchorage N	// //unicipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require
available at:				that a copy of	of this well log be submitted to the Development Services Department/City ys of well completion.
https://dnr.alaska.gov/welts/					•
OR email electronic well logs to				City Permit N Date of Issue	Number: D:/
dnr.water.reports@alaska.gov				Parcel Identi	fication Number:
*Guide for Using the Hydrogeologic C	lassification System	n for Loggi	na		



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

WATER WELL LOG

Paratrage Services Superior	Drilling S	tarted: 6	/ 30	/18 Completed: 7 /1 /18 Pump Install: tbd / /
City/Borough:	Subdivision:	Block	Lot	Property Owner Name & Address:
Aluetian East Bourough	N/A			SILVER BAY SEAFOODS 4039 21ST Ave. W Ste 201 Seattle, Wa 98199
Latitude 54.87012	6 N	_Longitu	de 183,40	902 W
Meridian Seward Township 618 Range 94W Section				on 27 , 1/4 of 1/4 of 1/4 of 1/4
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system https://info.ngwa.org/servicecenter/shopper/ProductDetail.cfm? ProdCompanyPassed=ngw&ProdCdPassed=ngw-11030 Depth From To				Drilling method: Air rotary, Cable tool, Other Well use: Public supply, Domestic, Reinjection, Hydrofracking Fluids used: Other Depth of hole: 70.5 ft, Casing stickup: 4 ft
cobbly sandy			6	Casing type: steel Wall thickness 25 inches
sandy silt we	et	6	14	Casing type: steel Wall thickness 25 inches Casing diameter: 8 inches Casing depth ft Liner type: Depth: ft Diameter: inches
gravelly sand	ly silt wet	14	47	Liner type: Depth: ft Diameter:inches
silt		47	49	Well intake opening type: Open end, Open hole, Other
		49	57	Screen type: stainless steel Assembly From: 62.5 ft, To 70.5 ft Slot size 60 From: 02.0 ft, To 70.5 ft
cobbly sand gravel (water)				Slot size
	gravel (water)		70.5	Perforation description From: ft, To ft From: ft, To ft From: ft, To ft Gravel packed Yes No From ft, To ft Static water (from top of casing): 13.6 ft on / / Pumping level & yield: 15.1 feet after 6 hours at 307 gpm Method of testing: pump Development method: Duration: Recovery rate: 5 gpm Grout type: bentonite granules Volume 2 bgs Depth: From surface ft, To 10 ft Final pump intake depth: TBD ft Model: 275H Pump size 40 hp Brand name Goulds Was well disinfected upon completion? Yes No Method of disinfection: chlorine tablets Was water quality tested? Yes No Water quality parameters tested: Bacteria and metals Well driller name: Aprice Drilling & Enterprises Mailing address: P.O. 80x 110498 City: Anchorage State: AK Zip 99511 Phone number: (977) 34.5 - 0202
that a copy of the well log be forwarded to the Department of Natural Resources within 45 days of well completion. Please email well logs to: dnr.water.reports@alaska.gov OR send to Alaska DNR, MLW, Alaska Hydrologic Survey 550 West 7 th Avenue, Suite 1020 Anchorage, AK 99501				Driller's signature:
	hydrogeologic Classification by Thomas M. Hanna NGV		Logging	Parcel Identification Number: