

STATE OF ALASKA 67514 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

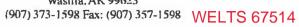
WATER WELL LOG Revised 08/18/2016

			Comple	eted:5_/_	13 / 2020 Pump Install:/				
		Block	Lot Property Owner Name & Address						
Matanuska-Susitna Borough ARKOSE WDS PH I		1	8 Home Water Llc PO BOX 520777 AK, 99652-077						
Well location: Latitude 61.6788864				Longitude <u>-149.21637</u>					
Meridian S Township 018N Range 001E Section									
BOREHOLE DATA: (from g				<u>Drilling method:</u> ■Air rotary, Cable tool, Other					
Suggest T.M. Hanna's hydroge https://my.ngwa.org/NCProdu				Well use: ■ Public supply, □ Domestic, □ Reinjection, □ Hydrofracking					
nttpo://my.ngwa.org/1000	<u>101:10=0100000</u>		pth	☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling,					
		<u>From</u>		☐Irrigation/Agriculture, ☐Grounding, ☐Recharge/Aquifer Storage,					
Sand-gravel		0	50	Heating,	Geothermal Exploration, Other				
Wet clay gravel		50	103	Fluids used	l:				
Wet sand-gravel		103	112		ole: 139 ft Casing stickup: 3 ft				
Water sand-gravel		112	139	Casing type: A53B Steel Casing thickness: 250 inches					
Trator dana gravor		112	100	Casing diameter: 6 inches Casing depth: 124 ft Liner type: Depth: ft Diameter:inches					
				Note:	Deptin it Diameterinches				
					opening type: ☐ Open end, ☐ Open hole, ■ Other screened				
					e: Stainless steel, Screen mesh size: 60				
					rt: 127 ft, Screen stop: 142 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): 103 ft on 9 /16 / 2020 Artesian well					
				Pumping level & yield: 104 feet after 24 hours at 71.6 gpm					
					esting: Aquifer test Duration:				
				Recovery ra	ate: gpm				
					None Volume				
					mft, Toft				
Include description or sketch of buildings, etc.):	well location (inc	clude roac	l names,	Final pump intake depth: ft Model:					
buildings, etc.).				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 drillor pame: William Bean					
				well dille	name. william beam				
				Company name: E AND D WATER WELLS					
			•		Iress: 3530 W. Spence lane				
Noth				Dhono num	State: <u>AK</u> Zip: <u>99623</u> bber: (<u>907</u>) <u>373</u> - <u>1598</u>				
AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a			hat 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			may	Date:	/// //unicipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require				
available at:				that a copy of	f this well log be submitted to the Development Services Department/City				
https://dnr.alaska.gov/welts/					ys of well completion.				
OR email electronic well logs to				City Permit N Date of Issue	lumber: b://				
dnr.water.reports@alaska.gov				Parcel Identi	fication Number:				
*Guide for Using the Hydrogeologic Cl	ifiti Ot								



E&D Water Wells

3530 West Spence Ln. Wasilla, AK 99623





Borough	Subdivision	Lot	Block	Section QTRS.	Section	Township	Range	Meridian			
MATSU	SE corner of future L8	43			2	1811	1E	Surke			
Location /	Sketch THIRD	Well Owner		N							
9/6/	E. MILE G	um c	UM CONSTRUCTION								
Depths Measu	red From: Casing Top										
Borehole Data Material Type		De From	epth To	Depth of Hole: Depth of Casing	120	Ft.	5 113	120			
Stick up 03			Depth To Sta			☐ Ground	Surface				
Sano -	GRAVIC	3	53		Date: \$113120						
wife	Lay GRAUGE	53	106	Method Of Dril	Method Of Drilling: ☑ Air Rotary ☐ Cable Tool ☐ Other:						
WET SAND-GARVIL 106			115	☐ Public Suppl	Use Of Well: ☐ Domestic ☐ Irrigation ☐ Monitor ☐ Public Supply ☐ Other						
	Sand-GRAVE	115	142	Casing Stick-U	530 5	Ft. Diam:	In. to	Ft.			
			/	Well Intake Ope			End 🗷 Sc	reened			
		/		Depths Of Oper	nings:	127_To:	142	_Ft.			
				Screen Type: Slot/Mesh Size:	STDIN LOUSER	2 2 5 35 2 Dength:	SIEEL	In _Ft			
				Gravel Pack Ty Volume Used: _			th to Top: _				
				Grout Type: A				Ft			
				Development M Duration:	lethod: 🗷	9 da +	test pe	P			
				Pumping Level Ft. Aft	& Yield:	Hrs. Pun	ping 5	C+ gpm			
1			1	Pump Intake D Well Disinfect	epth:	Ft.	Horsepowe	er:			
CONTRACT	TOR INFORMATION:			REMARKS	s: <u>5</u> 9	15	of s	Tp. nles			
EXD	WATER WE	ccs		Stree	SCK	een	60/	50/80			
Registered Bus				SLot	1						
A B	uthorization Representative	5-13-	-20 Date	Jog 7	0446	05/32	0				



Arctic Pump & Well Inc.

Jim Sullivan, CPI
PO Box 770197
Eagle River, AK 99577
(907) 688-2510
(907) 243-2282
jim@arcticpump.com



Six Mile Subdivision Well 2

Actually Well 3

June 10, 2020 Flow Test Report

Project Name:

Duration (in minutes)	Water Level	Flow Rate
0	103.5	0
1 - 8		
5	104	20
10		
15	104.4	30
20		
25	104.8	42
30		
35		
40		
45		
50		
55		
60	104.8	42
90		
120		
150		
180		
210		
240		
270		
300		

June 10, 2020 Flow Test Report

Project Name: Six Mile Subdivision

Well 2

Well 3

Well Flow Test Recovery Report:

Duration (in minutes)	Water Level
0	
5	
10	
15	
20	103.5
25	
30	
35	
40	

Well 3 - 2nd flow test



WATERWELL - TEST PUMP REPORT

Conducted by Anchorage Well & Pump Service

330 E 76th Avenue, Anchorage AK 99518-2840 Ph: (907) 243-0740 Fax: (907) 243-0742

6-Mile Subdivision Owner: WM Construction LLC PO BOX 4042 Address: Palmer, AK 99645 9101 E Mile 6 Road Well Location:

PUMP INFORMATION Intake Depth:

Static Water Level: Max Drawdown: 1.0 foot Air Line Depth:

Average Discharge:

PUMP ON

PUMP OFF

Time: 11:33 am

11:46 am

Time:

Date: Date:

103

71.6 gpm

9/16/2020 9/17/2020

WELL INFORMATION

Total Depth: 142 127 Depth of Casing: Static Water Level: 103 6" Casing Size: Screen Slot: 15' of 60/60/80 Screened From: 127 142 Screened To: GPS:

Remarks:

- 6 hour test. Goal 63 gpm - 150% of

Engineered Design

- Far Well

- Well 3

FAR WELL FlowTest

Beginning Flowmeter: 14079300 **Ending Flowmeter:** 14105070

Total Gallons Pumped: 25770 gallons Elapsed Time: 360 minutes

Calculated GPM Pumped: 71.6 Drawdown on Pumped Well: 103 - 104 = 1.0 foot

<u>Date</u>	<u>Time</u>	<u>Depth</u>	<u>Flowmeter</u>	Elapsed Tir	<u>ne</u>	Gallons - flow	
9/15/2020	2:14	103	14079300.0				SWL
9/15/2020	2:15	103	14079370.0	1		70.0	Pump Start
9/15/2020	2:16	103	14079440.0	1		70.0	
9/15/2020	2:17	103	14079510.0	1		70.0	
9/15/2020	2:18	103	14079580.0	1		70.0	
9/15/2020	2:23	103	14079940.0	5		72.0	
9/15/2020	2:28	103.5	14080300.0	5		72.0	
9/15/2020	2:33	103.6	14080650.0	5		70.0	
9/15/2020	2:48	103.6	14081730.0	15		72.0	
9/15/2020	3:03	103.6	14082830.0	15		73.3	
9/15/2020	5:58	104	14095200.0	175		70.7	
9/15/2020	8:20	104	14105070.0	138		71.5	Pump off

Recovery

9/15/2020	8:21pm	102.7	1
9/15/2020	8:22	102.5	1
9/15/2020	8:23	102.3	1
9/15/2020	8:29	102.2	6
9/15/2020	8:38pm	102.1	9
9/16/2020	11:25am	101.4	

Improved well? Will check current SWL