

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

WATER WELL LOG Revised 08/18/2016

Drilling Start	ed:/_	/			29 / 2000 Pump Install://		
City/Borough			Block	Lot Property Owner Name & Address			
Yukon Flats REAA	USS	2725,		L01	Tok Westmark Hotel,		
Well location: Latitude 63.					e -142.988914		
Meridian C Towns	ship <u>018N</u>	Range 013E	Sectior		<u>N 1/4 of NE 1/4 of SW 1/4 of SE 1/4</u>		
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC				<u>Drilling method:</u> Air rotary, □Cable tool, □Other □ Well use: ■Public supply, □Domestic, □Reinjection, □Hydrofracking □ Commercial, □Observation/Monitoring, □Test/Exploratory, □Cooling, □Irrigation/Agriculture, □Grounding, □Recharge/Aquifer Storage,			
				1	Geothermal Exploration, Other		
				Fluids used			
					ole: 100ft Casing stickup:ft		
				Casing type Casing dia	casing thickness: inches meter: inches Casing depth: ft Depth: ft Diameter:inches		
				Note:			
				Well intake	opening type: ☐ Open end,☐Open hole, ☐Other		
				Screen type	e:, Screen mesh size:		
					rt: ft, Screen stop: ft, Perforated Yes I No		
					description: Perf from: ft, Perf		
					_ft, Perf from: ft, Perf to: ft		
				-	ked ■Yes No Gravel start: ft , Gravel stop: ft		
				Note:	(
					r (from top of casing): 60 ft on / / Artesian well		
				Method of	evel & yield: feet after hours at 20 _ gpm		
				Developme	esting: ent method: Duration: ate: gpm		
					mft, Toft		
Include description or sketch of	well location	(include road	names,	Final pump	intake depth: ft Model:		
buildings, etc.):				Pump size: hp Brand name:			
					isinfected upon completion? Yes No		
					disinfection:		
				Was water	quality tested? Yes No		
				Water qual	ity parameters tested:		
				Well driller	name:		
				Company r	name: TOK WELL DRILLING		
					dress:		
			North		State: <u>AK</u> Zip:		
				Phone num	nber: ()		
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			inay	Anchorage M	/// //unicipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require		
available at: https://dnr.alaska.gov/welts/				that a copy of	of this well log be submitted to the Development Services Department/City ys of well completion.		
OR email electronic well logs to				City Permit N	Number: e://		
dnr.water.reports@alaska.gov					fication Number:		

TOK WELL DRILLING BOX 494 TOK, AK 99780

907.883.9355 Sid@aptalaska.net

Nell Log Material Type	Feet Below Surface:			
	Top	Bottom		
- Ituara				
gradel		_1		
Sand		1_1/2_		
		-1 <i>19</i> -		
gradel		_122		
5444		J3 <u>_5_</u>		
graves				
		_!2.2		
frage		_!Z		
		100		
Vell Location NE Corner of building Vell Depth 100' Date of Completion 8-29-2000 Ise: Domestic Public X Industry Test	CABLE TOOL YE	<u> </u>		
Casing: ThreadedWelded_Xdiam. 6in. to_/4/	<u>2_ft.</u>			
Static Water Level 60' Date 5-29-2000				
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STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL HEALTH DRINKING WATER PROGRAM

SARAH PALIN, GOVERNOR

610 University Avenue Fairbanks, AK 99709

Phone: (907) 451-2108 Fax: (907) 451-2188 http://www.dec.state.ak.us/

File Number: 130.07.003

June 15, 2009

Tok Well Drilling P.O. Box 494 Tok, AK 99780-0494

Re: Westmark Hotel Tok

Well #2 - Well log

PWSID: 380947; Class: Transient Non-Community (B); Source: Groundwater

JUN 1 8 2009

Director's of ice

Anchopage

To whom it may concern,

The Department received a request from Mr. Hammond of M2C1 Construction and Engineering for final approval to operate Well #2 at the Westmark Hotel in Tok, Alaska. The materials submitted with the request included a well log as required by 18 AAC 80.205.

Based on the information submitted by Mr. Hammond, your company did not properly document the drilling process as required by 18 AAC 80.210h which states the following information must be included on all well logs for wells "intended to serve a public water system, including wells not in operation but that are connected to the public water system on a standby basis for purposes such as fire protection and emergencies" as applicable:

- Geographic location of the well
- Names of the owner and the well driller
- Anticipated use of the well
- Method of construction
- Type of fluids used for drilling
- Well development method
- Accurate log including a description, depth of occurrence, and classification of the soil and rock formations and description and depth of occurrence of ice strata
- Depth to groundwater
- Casing information:
 - o Diameter
 - o Material
 - o Length
 - o Wall thickness
 - o Location (depth) of perforation or opening
 - o Depth
 - o Height of the casing above ground

- Depth and type of grouting
- Depth of any screens
- Total depth of the well
- Depth to the static water level
- Maximum well yield
- Results of any well yield, aquifer, or drawdown test that was conducted
- Depth of the pump intake and the pump performance data

In addition, 18 AAC 80.210h requires the well driller to submit the well logs to the Department within 30 days after construction. We appreciate your cooperation in the future.

If you have questions, you may contact me by telephone at 907-451-5032 or send email to shawna.laderach@alaska.gov or call Lee Johnson at 907-451-2179; his email is lee.johnson@alaska.gov.

Sincerely,

Shawna Laderach

Environmental Engineering Associate

cc: Roy Ireland, ADNR
Lee Johnson, P.E., DEC Drinking Water
Steve Leonard, Westmark Hotels

Stephen Hammond, P.E., M2C1 Construction and Engineering