

STATE OF ALASKA 33132 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started://		Comple	eted: <u>8</u> /	29 / 2000	Pump Install:	<u> </u>	_		
City/Borough	Subdivis	sion	Block	Lot	Property Ov	vner Name & Ad	dress		
Yukon Flats REAA	USS 2	725,		L01	Tok	Westr	nark	Hotel,	
Well location: Latitude 63.3355401 Meridian C Township 018N Range 013E Section				Longitude <u>-142.988914</u> n <u>18</u> , <u>SW</u> 1/4 of <u>NE</u> 1/4 of <u>SW</u> 1/4 of <u>SE</u> 1/4					
BOREHOLE DATA: (from Suggest T.M. Hanna's hydrog https://my.ngwa.org/NC_Prod	eologic classif	ication sy	pth	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					
				-			er		
				Depth of ho Casing type Casing dia Liner type:	e: meter:	ft Casing stic Casing inches Casi Depth:ft D	g thickness: ng depth:	inches ft	
				Note:	opening type:	Open end, O	nen hole 🔳 Oth		
				 Screen type Screen sta Perforation 	e:, rt: ft description:	Screen mesh size , Screen stop:	: ft, Perfora ft, Perf fr	_	
				Gravel pac		Io Gravel start:		stop: ft	
				Note: Static wate	r (from top of c	asing): 60 ft	on / /	Artesian well	
				Pumping le Method of Developme	evel & yield:	feet after D	hours at 20	gpm	
						Volume			
Include description or sketch of	fwall logation (in		1 20200	-		ft, To			
buildings, etc.):	i well location (ir	iciude road	names,			ft M hp Brand name			
				Method of	disinfection:		es 🔳 No		
				Water qual	ity parameters	Yes No tested:			
				Company r	name: name: .TOK.WE	LL DRILLING			
Marth Notth				Mailing address: State: <u>AK</u> Zip: City: Phone 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:				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					
https://dnr.alaska.gov/we	<u>elts/</u>				ys of well comp			-	
OR email electronic well logs t	0			City Permit N Date of Issue	Number: e:/	/			
dnr.water.reports@alaska.gov				Parcel Identification Number:					

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

TOK WELL DRILLING BOX 494 TOK, AK 99780

907.883.9355 Sid@aptalaska.net

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/eli Log Material Type	Feet Below Surface:		
		Bottom	
tundra	_!Q		
oracel	3	_!//	
Isand	_11	<u> 1/a</u>	
Clay	_1 <i>Lla</i>	_1_19_	
gradel	19	129	
Sand		1_35	
gravel		1_51	
Sand	51	1 73	
gravel		1 76	
Send		1 78	
95ARL		1 100	
Vell Location NE Corner of building Vell Depth 100 Date of Completion 8-29-2000 CAI se: Domestic Public X Industry Test asing: Threaded Welded X diam. 6 in. to 100	BLE TOOL <u>¥</u> <i>e</i> . Other	5	
tatic Water Level <u>60</u> Date <u>5-29-2000</u>			
Wies Serma			

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

DUPT. OF NATURAL RESOURCES DIV OF MINING

JUN 18 2009

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

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

Westmark Hotel Tok – Well #2 Well log

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- 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

SRL/ (G:\EH\ENGINEER\PLANS\380947_ Westmark Tok Hotel\090609_Westmark Hotel Tok- 2008 Well #2_380947_Driller.doc)