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DEC 0 2 2016

SKAGIT COUNTY PDS

September 28, 2016 Project No. 1268.02.01

Stephen Taylor McLucas & Associates, Inc. P.O. Box 5352 Lacey, Washington 98509

Re: Hydrogeologic Site Assessment Report

Lake Erie Pit Expansion Skagit County, Washington

Dear Mr. Taylor:

Maul Foster & Alongi, Inc. (MFA) has prepared this hydrogeologic assessment to support a special use permit application for the expansion of the Lake Erie Pit mine located at 13540 Rosario Road near Anacortes, Washington (the Mine or Site) (see Figure 1). The Mine is located within section 11, township 34 north, range 1 east in Skagit County, Washington. The Mine currently operates on the following tax parcels; P19108, P19162, and P19165, and its owner and operator, Pit 1, LLC (Pit 1), wishes to expand operations to include the following tax parcels; P19161, P19164, P19158, P90028, and P19155 (collectively, "the Property"). The Mine and Property are owned Pit 1. The Mine, as discussed in this report, comprises the existing permitted parcels and the proposed expansion parcels. The Skagit County Planning and Development Services requires a hydrogeologic assessment of the Mine to be conducted as part of the mining special use permit application and in accordance with Skagit County Code (SCC) 14.16.440(8)(b).

BACKGROUND

Pit 1 is applying for a mining special use permit from Skagit County for the development of the following tax parcels as a surface mine for aggregate resources: P19161, P19164, P19158, P90028, and P19155. The currently permitted and expansion parcels are zoned as Rural Resource-Natural Resource Lands (RRc-NRL) (see Figure 2).

The Mine will be dry mined using standard surface mining equipment (i.e., front end loaders and excavators). The mined aggregate will be loaded into trucks and transported off the Property. The maximum floor depth of the Mine is proposed to be no lower than 250 feet mean sea level (msl) and will not go below 10 feet above the seasonal high groundwater table beneath the Property.

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SITE AND VICINITY CONDITIONS

The Mine is located in an upland area on Fidalgo Island approximately two miles south-southeast of Anacortes, Washington. The topography of the Mine slopes downward to the northeast toward Lake Erie and ranges in elevation from approximately 240 feet msl along the northeast boundary of the proposed expansion area to approximately 340 feet msl in the south portion of the proposed expansion area (see Figure 2). The Mine is accessed from Rosario Road; the entrance is approximately 0.13 mile east of Marine Drive (Figure 2).

Mean annual precipitation at the Site is approximately 26 inches per year based on the 30-year period from 1981 to 2010 in the Parameter-Elevation Relationships on Independent Slopes Model (PRISM, Daly and others, 1994).

Surface Soils

Soils in Skagit county were mapped by the Natural Resource Conservation Service (NRCS) in the 1980s (NRCS, 1989). Site soils are mapped as predominantly Catla gravelly fine sandy loam, Keystone loamy sand, and Laconner very gravelly loamy sand (see Figure 3). The Catla gravelly fine sandy loam is characterized as being moderately well drained, a very low to moderately low capacity to transmit water, and very low water storage. The Keystone loamy sand is characterized as excessively drained, high to very high capacity to transmit water, and low water storage. The Laconner very gravelly loamy sand is characterized as being moderately well drained, very low to moderately low capacity to transmit water, and very low water storage. Mapped soils at the Mine have no frequency of flooding or ponding (NRCS, 1989).

Geology

Detailed descriptions of the surficial and subsurface geology of the Site and vicinity are presented in a map completed by the U.S. Geological Survey (Miller and Pessel, 1986). The geology of the Site consists predominantly of Fraser-age continental glacial till (Qgt) and Fraser-age continental glacial outwash (Qgas and Qgos). These unsconsolidated deposits are part of the Vashon Stade. The Qgt is the predominant geologic unit present at the ground surface at the Mine (see Figure 4). The Qgas is exposed at the ground surface in the northwest portion of the Mine and the Qgos is exposed at the ground surface in the southwest portion of the Mine. These deposits are typically comprised of boulders, cobbles, pebbles, sand, silt, and clay in a poorly sorted mixture. Well logs in the vicinity of the mine indicate these deposits can exceed 300 feet thick.

Jurassic-age Fidalgo ophiolite outcrops (Ji[f]) are present in the west portion of the Mine (see Figure 4). This formation extends to the west of the Mine and comprises the coastal bluff west of Rosario Road. Based on nearby outcrops of the Fidalgo ophiolite to the north and east of the Mine, it is inferred that this formation underlies the unconsolidated sediments at the Mine.

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Hydrogeology

A review of water well reports obtained from the Washington State Department of Ecology online well log database and/or the Skagit County well record database indicates that wells in the surrounding area are completed either in glacial sediment or in bedrock. The locations of water wells within a one-mile radius of the Mine are shown in Figure 5. The water well reports and a table summarizing well details are included as Attachment A. The well reports indicate that groundwater is typically present in the sand and gravel units of Qgt. Depths to groundwater vary from 9 to 264 feet below ground surface (bgs) and average 107 feet bgs. Resulting groundwater elevations range from 239 feet msl to 60 feet msl. Groundwater appears to be present in an unconfined aquifer. To evaluate the groundwater flow direction and the hydraulic gradient beneath the Site, groundwater surface contours were developed from the static water levels indicated on the water well reports for wells completed in the alluvial sediments. The inferred groundwater surface in the vicinity of the Mine is presented in Figure 6.

Groundwater Flow

The groundwater level information and Site topography indicate that groundwater beneath the Mine flows to north and northeast (see Figure 6). The area south of the Mine is a topographic high and is likely an area of recharge. Further, this area contains a small water lake (locally known as Devil's Elbow Lake). This lake likely provides some recharge to the aquifer in addition to surface infiltration from precipitation. The inferred groundwater surface indicates that the aquifer discharges to the northeast of the Mine in Lake Erie, which is approximately 1,000 feet downgradient from the Mine.

Based on the inferred groundwater surface and the projection of nearby wells, cross sections were developed to illustrate the approximate depth to groundwater beneath the mine (see Figures 7 and 8). These cross sections were aligned in a north-south and east-west orientation (see transects on Figure 6). The groundwater surface beneath the Mine is inferred to be approximately at 180 to 230 feet msl. This elevation is approximately 20 to 70 feet below the planned mining elevation of 250 feet msl.

Aquifer Properties

The estimated groundwater flow direction and hydraulic gradient for groundwater flowing through the area was calculated based on information derived from water well reports and the inferred groundwater surface (see Figures 5 and 6). The groundwater flow direction in the Mine area is interpreted to be generally from south to north and northeast toward Lake Erie. A smaller groundwater flow component appears to be to the north-northwest. Groundwater was estimated to flow at an average hydraulic gradient of approximately 0.036 foot per foot (ft/ft).

Hydraulic conductivity for the alluvial aquifer was estimated by evaluating specific capacities of nearby domestic wells. Although long-term aquifer tests were not performed on the nearby water wells, several of the wells were tested (by means of a drill stem test) for at least a few hours; the yield and maximum drawdown were recorded on the water well reports. The yield of the well divided by the drawdown result in the specific capacity of the well. Typical units are cubic feet per day per foot of drawdown (ft³/day/ft). As such, transmissivity (and ultimately hydraulic conductivity) was estimated using specific capacity for several wells according to the method by Razack and Huntley (1991). Transmissivity is calculated using the following equation:

$$T = 33.6 \left(\frac{Q}{h_o - h} \right)^{0.67}$$

Where:

 $T = \text{transmissivity (ft}^2/\text{day)}$

 $Q = pumping rate of the well (ft^3/day)$

 $h_o - h = drawdown$ (ft)

The hydraulic conductivity of the aquifer can then be estimated using the calculated transmissivity in the following equation:

$$K = \frac{T}{b}$$

Where:

K = hydraulic conductivity (ft/day)

b = aquifer thickness (ft)

Using the well test data from select water well reports, the hydraulic conductivities of groundwater in the alluvial aquifer was estimated for select wells. Table 1 summarizes the results of this analysis. Based on the analysis, the geometric mean of transmissivity and hydraulic conductivity for the alluvial aquifer is calculated to be approximately 429 feet squared per day (ft²/day) and 48 feet per day (ft/day), respectively. Porosity of the glacial unconsolidated sediments can range from 20 to 35 percent (Fetter, 1980). Groundwater velocities likely range from 4.9 to 8.6 ft/day.

Groundwater Quantity

The potential for adverse impacts to groundwater quantity beneath the Mine is very low. There are no new water supply wells currently proposed for the mining operation, although it

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is possible that water right exempt quantities of groundwater may be used at the Site for industrial and/or domestic (i.e., drinking water) in the future. The source of this water is most likely the existing well owned by the Lake Erie Shop LLC and located in Parcel No. P19102 north of Rosario Road (i.e., Wooding Well). The proposed mine expansion will create a closed depression and stormwater generated on Site will be captured within the Mine and infiltrated into the subsurface. This would likely result a negligible effect on groundwater recharge at the Site and in groundwater levels in nearby wells.

Skagit County designates Lake Erie in SCC 14.24.340(3)(c)(vii) as a "surface water source limited stream" with a ½-mile stream buffer that passes through the Mine (see Attachment B). However, because the Mine will not be generating any additional water and stormwater will be contained within the Mine boundary, the proposed mine expansion is exempt from any mitigation measures according to SCC 14.24.340(3)(d).

Skagit County also identified nearby Group B well systems (see Attachment B). One of these systems is located downgradient of the Mine. Because no groundwater withdrawals are planned with the proposed mine expansion, the downgradient Group B wells will not be impacted.

The Dodson Canyon Spring, which is a natural discharge point, is located cross-gradient from the Mine approximately 400 feet west of the southwest property boundary. The Dodson Canyon Spring was formerly used to supply water for the Del Mar Community Service water system and was classified as a Group A well system by Skagit County (see Attachment B); however, the Del Mar Community Service water system has not used the Dodson Canyon Spring as a source of water since 2007. Further, the water right associated with the spring has been placed into the Ecology Trust Water Right Program (see Attachment C).

Skagit County mapped unstable slopes and unstable recent slides to the northwest and west of the Mine. These features are located along the steep slopes of the bluffs west of Rosario Road (see Attachment B). Because the Mine will not be generating any additional water and that all stormwater will be contained within the Mine boundary, groundwater flow beneath the proposed mine expansion should have no effect on nearby slope stability.

Groundwater Quality

The potential risk to groundwater quality under the proposed mine expansion is very low. The proposed mine expansion will maintain a minimum 10-foot buffer of natural material between the mine floor and typical seasonal high groundwater table at all times. The proposed mine expansion is for a surface mining operation with on-site processing limited to stock piles and dry screening. Standard surface mining equipment such as front end loaders and excavators will be used to extract the material and load it on to trucks. The proposed

mine expansion will create a closed topographic depression. Stormwater generated on Site will be captured within the mine boundary and infiltrated. Stormwater management will be conducted in accordance with State of Washington Department of Ecology's National Pollutant Discharge Elimination System (NPDES) Sand and Gravel General Permit. Fueling and maintenance of all on-site equipment will be conducted using mobile services under an approved spill control plan. No permanent fueling or maintenance facilities are proposed for the mine.

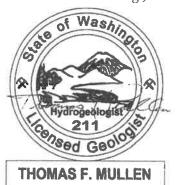
CONCLUSIONS AND RECOMMENDATIONS

This hydrogeologic assessment was prepared to address the requirements for special use permit application under SCC 14.16.440(8)(b). Groundwater beneath the Mine is inferred to flow north-northeast and ultimately to discharge to Lake Erie, which is approximately 1,000 feet in an inferred downgradient direction from the Mine. Groundwater is inferred to be approximately 20 to 30 feet below the planned mining depth of the Mine. The proposed mine expansion is for a dry, surface mining operation, with limited on-site processing. Groundwater withdrawals are not planned for the Mine and stormwater generated on the Site will be captured within the Mine and infiltrated into the subsurface. Inferred downgradient wells will likely not be impacted.

MFA recommends that for operations and reclamation, Pit 1 includes Washington State Department of Natural Resources Best Management Practices for ensuring stormwater is not contaminated during the mining process.

Sincerely,

Maul Foster & Alongi, Inc.



Thomas F. Mullen, LEG, LHG Senior Hydrogeologist

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Attachments: Limitations

References Table Figures

Attachment A-Well Report Summary Attachment B—Skagit County Maps Attachment C—Ecology Records

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

Daly, C., R.P. Neilson, and D.L. Philips, 1994. A statistical-topographical model for mapping climatological precipitation over mountainous terrain. Journal of Applied Meterology, v. 33. Pp 140-58.

Fetter, C.W., 1980. Applied hydrogeology. Charles E. Merrill Publishing Co. Columbus, OH.

Miller, R.D. and F. Pessel, Jr., 1986. Map showing unconsolidated deposits grouped on the basis of texture, Port Townsend 30' x 60' Quadrangle, Puget Sound region, Washington. USGS Miscellaneous Investigations Series, Map I-1198-D, scale 1:100,000.

NRCS, 1989. Soil survey of Skagit County Area, Washington. U.S. Department of Agriculture, Soil Conservation Service, September.

Razack, M. and D. Huntley. 1991. Assessing transmissivity from specific capacity in a large heterogeneous alluvial aquifer. Ground Water. v. 29, no. 6, pp. 856–861.

TABLE



Table 1 **Hydraulic Conductivity Calculations**

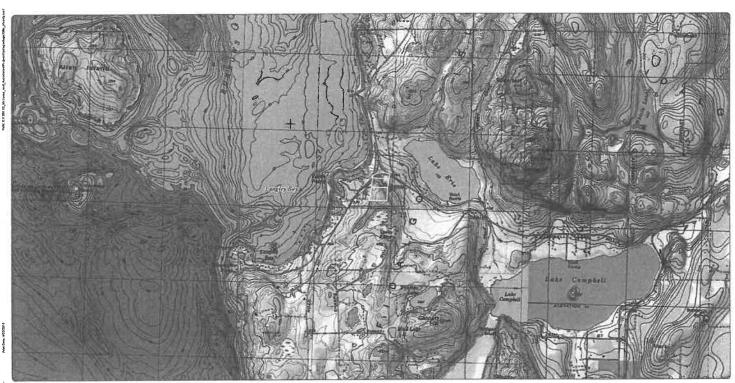
Ecology Well ID	Skagit County Parcel No.	Water Bearing Formaton ¹	Yield (gpm)	Yield (cfd)	SWL (ff)	Aquifer Top Depth	Aquifer Bottom Depth (ft)	Total Depth (ft)	Aquifer Thickness (ff)	Drawdown (fi)	Transmissivity (ft²/day)	Hydraulic Conductivity (ft/day)
74758	P19191	Fine Sand	10	1925	120	296	346	346	50	20	717	14.3
_	P19127	Sand	4	770	35	55	71	71	16	25	334	20.9
533972	P109020	Sand	1	193	196	196	218	220	22	24	136	6.2
416706	P19153	Sand	2	385	130	260	264	280	4	125	71	17.8
77468	P19105	Sand	2	385	26	25	50	178	25	12	343	13.7
303986	P64653	Fine Sand	0.5	96	264	265	292	292	27	28	77	2.8
77773	P113556	Sand & Gravel	5	963	75	77	80	85	3	1	3351	1117
	P19140	Gravel	30	5775	135	222	225	225	3	90	546	182
_	P108998	Sand & Gravel	1	193	183	190	283	300	93	67	68	0.7
79194	P19493	Sand	9	1733	124	134	141	154	7	9	1140	163
79203	P109020	Sand	5	963	25	33	35	55	2	10	717	358
_	P82072	Gravel	10	1925	245	325	334	392	9	85	272	30.2
- 1	P19147	Sand	7.5	1444	184	206	226	231	20	1	4398	220
371064	P19207	Sand	4	770	19	26	29	31	3	7	784	261
342743	P19138	Sand & Gravel	8	1540	9	20	25	25	5	9	1054	211
424849	P19111	Fine Sand	5	963	55	92	96	96	4	20	450	113
86745	P109154	\$and	5	963	100	213	216	216	3	70	195	64.8
342743	P19138	Sand	1	193	97	136	147	176	11	38	100	9.1
	P19172	Fine Sand	6	1155	146	176	179	179	3	1.5	2886	962
303985	P19130	Sand	1	193	60	65	73	73	8	8	283	35.4
374869	P19106	Fine Sand	5	963	55	59	77	77	18	8	832	46.2
256201	P64851	Fine Sand	7	1348	16	160	170	170	10	80	223	22.3
Minimum 0.5 Minimum Maximum 30 Maximum							68 4398	0.7 111 <i>7</i>				
		Mean	6							Mean	863	176
		Geometric Mean	4		Geometric Mean 429 47.9							47.9

loles:

— = not available.
gpm = gallons per minute.
ctd = cubic feet per day.
ft = feet.
ft²/day = square feet per day.
ft/day = feet per day.
SWL = static water level.
Transmissivity calculated using the method by Razack and Huntley (1991).
'Formations as indicated on water well reports.

FIGURES





Source: USGS Quadrangle maps obtained from Est ArcGIS Online Current Permitted Parcels

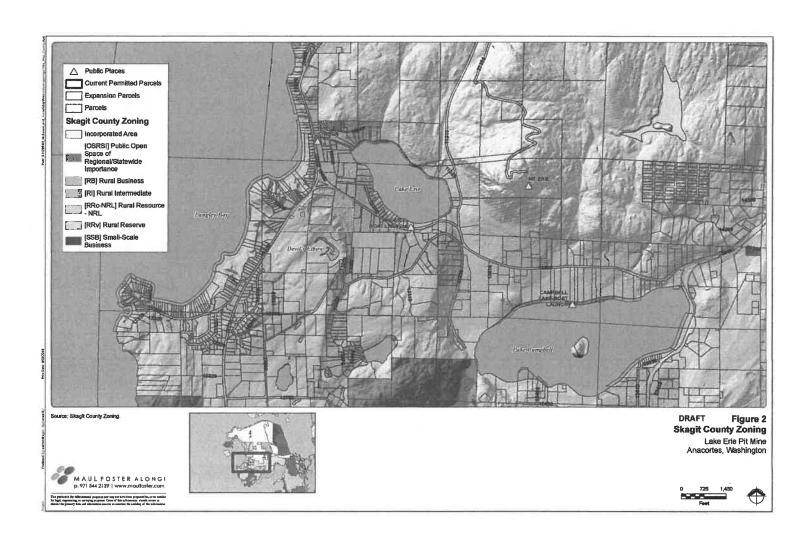
Expansion Parcels

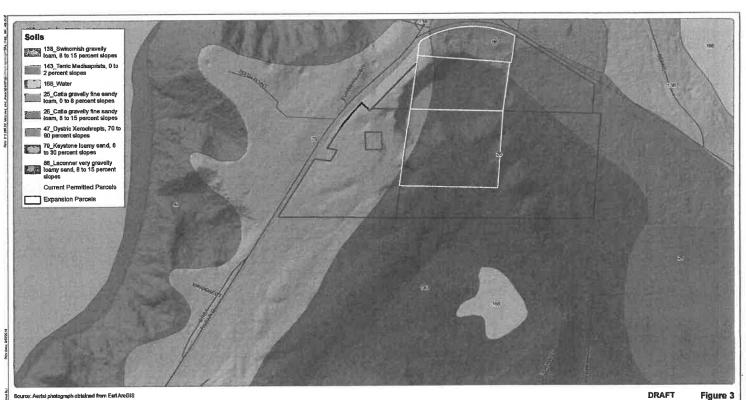
DRAFT Figure 1 Site Vicinity Lake Erie Pit Mine Anacortes, Washington











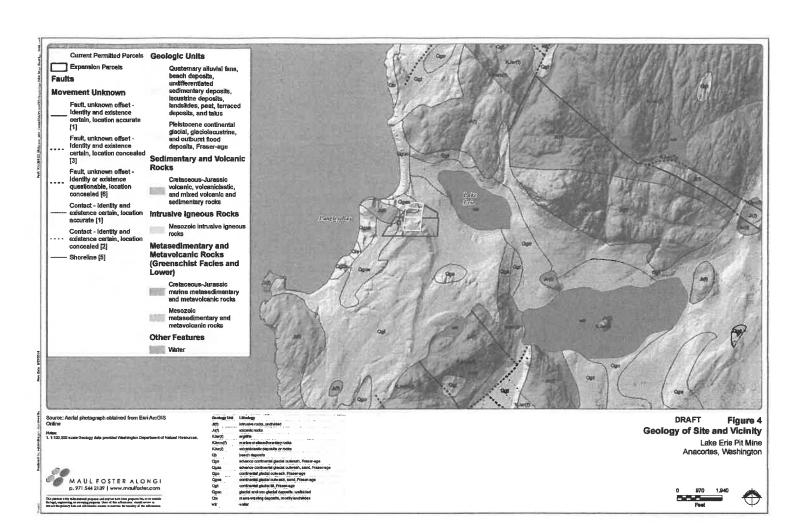
Source: Aerial photograph obtained from Earl ArcG/S Online

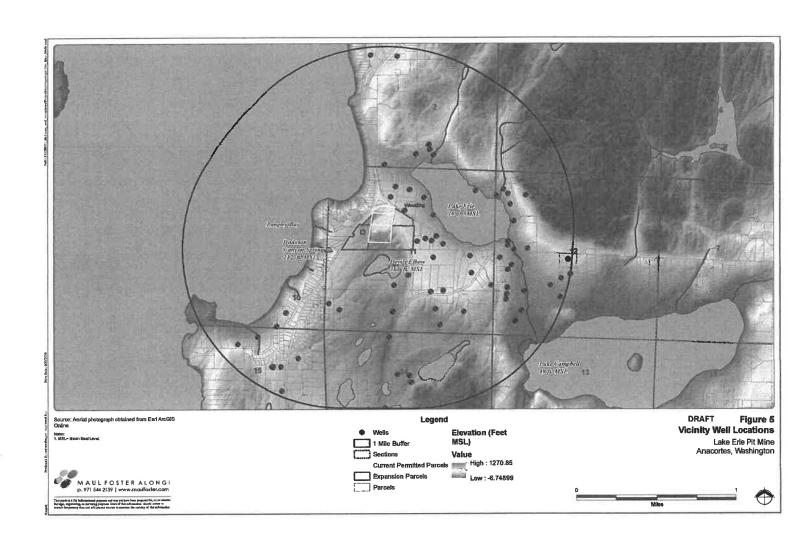
Figure 3 NRCS Soil Lake Erie Pit Mine Anacortes, Washington

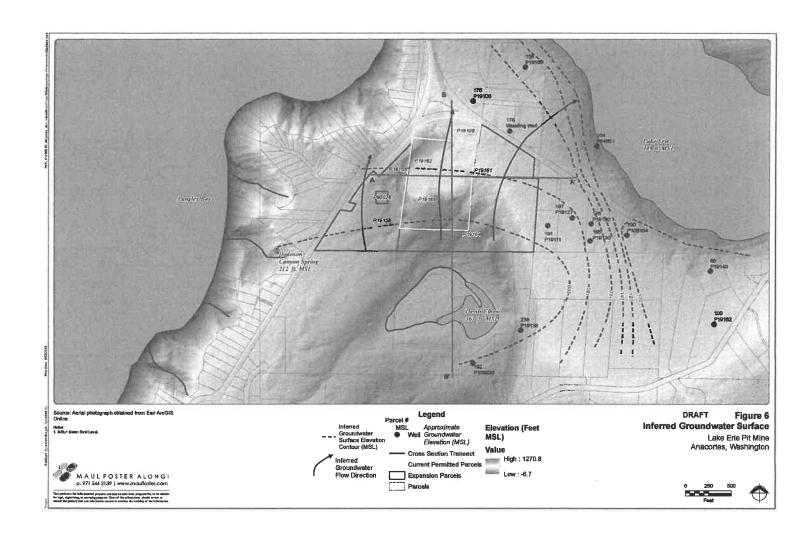


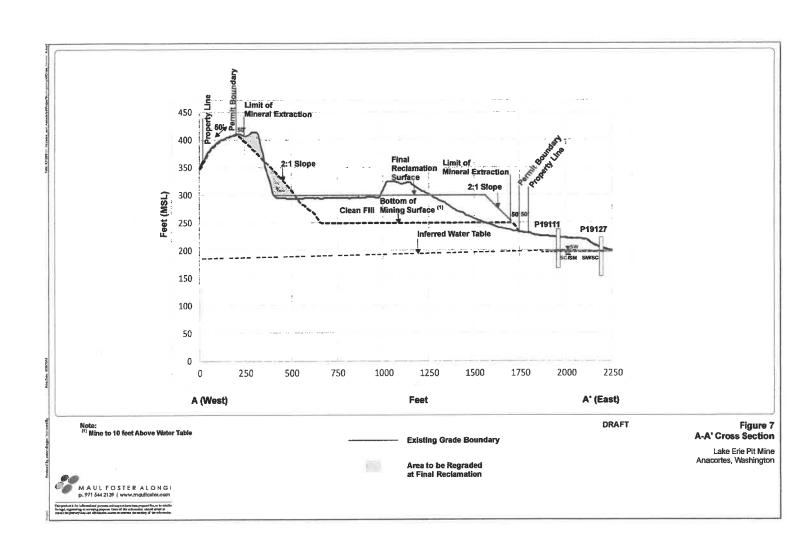


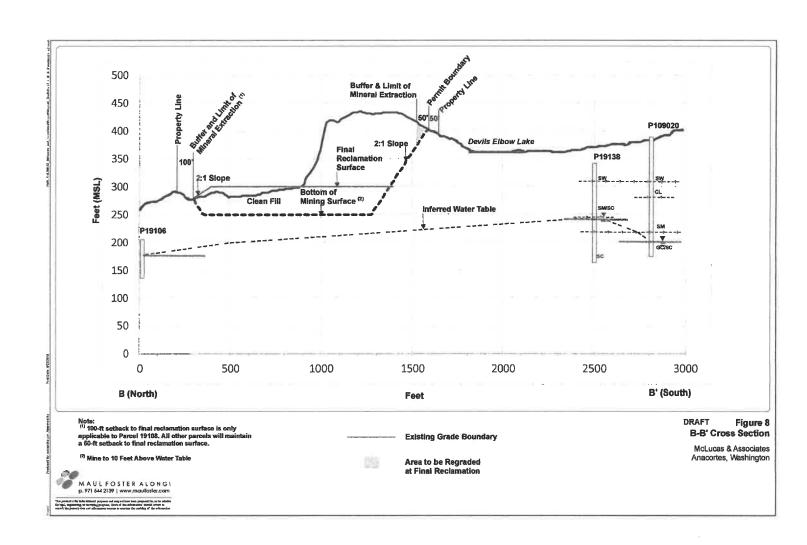












ATTACHMENT A

WELL REPORT SUMMARY



Ecology	Well	Well	Mall Orman at Time	T			0
Well Log ID	Depth (ft)	Diameter (in)	Well Owner at Time of Drilling	Township North	Range East	Section	Quarter Section
	(117)	()	OI DIMMING	1107117		333.31	000000
	255	6	Gene Landers	34	1	11	NE
	260	6	JACK MAYER	34	1	11	sw
79203	45	6	JACK MAYER	34	1	11	sw
533972	220	6	CHRIS KRESGE	34	1	11	SE
86745	216	6	NORM BUKER	34	1	11	NE
77773	85	24	Eugene Landers	34	1	11	NE
77468	43	6	EARL HEISEY	34	1	11	NW
374869	77	6	THOMAS WILL	34	1	11	NW
424849	96	6	NELS STRANDBERG	34	1	11	NE
81000	200	6	LARRY GULICK	34	1	11	NE
	89	68	CHARLES GATES	34	1	11	SE
303985	73	6	TIM MCCMASTER	34	1	11	NE
855674	255	6	KENNETH KILLPACK	34	1	11	SW
82163	25	6	MIKE STARK	34	1	11	SW
342743	141.6	6	PAM KOPKOWSKI	34	1	11	SW
77995	222	6	Fred Bresee	34	1	11	NE
79492	226	6	Jeff Ingstad	34	1	11	SW
76423	264	6	DARRYL SCHUETZ	34	1	11	NW
84130	179	6	SAM MADEJA	34	1	11	SW
74607	234	6	BARBARA BERST	34	1	11	NE
74758	346	6	BETTY RUMBALL	34	1	11	SE
533971	385	6	Dan Yount	34	1	11	SE

Ecology	Well	Well					
Well Log	Depth	Diameter	Well Owner at Time	Township			Quarter
ID	(ft)	(in)	of Drilling	North	Range East	Section	Section
371064	31	6	Ken Howard	34	1	11	NE
371063	72	6	Ken Howard	34	1	11	NE
79194	141	6	JACK KIDDER	34	1 1	11	NW
303986	292	6	Erie Wood	34	1	11	SE
416706	510	6	Jan Schultz	34	1	11	SW
256201	170	6	TOM STEVENS	34	1 1	11	NE
	384	6	Jeff Bowman	34	1	11	NE

Quarter-				Water Level (ft	
Quarter	Well Completion	Skagit County		below top of	Skagit County Well
Section	Date	Tax Parcel No.	Well Address	well)	ID
			268 Sharpe Road,		
SE	5/8/1995	P108998	Anacortes, WA 98221	183	SC Well ID: 3009
			1379 Islewood Drive,		
NE	8/24/1988	P109020	Anacortes, WA 98221	180	SC Well ID: 2947
			1379 Islewood Drive,		
NE	9/1/1988	P109020	Anacortes, WA 98221	25	SC Well ID: 2946
	5, 4, 4, 4, 5		13562 Islewood Road,		
NW	6/16/2008	P109020	Anacortes, WA 98221	196	SC Well ID: 4777
	3, 23, 2333		13439 Rosario Road,		
NE	7/19/1995	P109154	Anacortes, WA 98221	100	SC Well ID: 2910
746	7/15/1555	1 105154	268 Sharpe Road,	100	30 Well ID: 2310
SE	9/18/1990	P113556	Anacortes, WA 98221	75	
JL	9/18/1990	F113330	Wildwood Lane,	/3	
NE	9/19/1995	P19105	Anacortes, WA 98221	26	
140	9/19/1995	P19105	13060 S WILDWOOD LN,	20	
NE	1/20/2004	D10106	·		SC Wall ID: 2044
NE	1/28/2004	P19106	ANACORTES 98221	55	SC Well ID: 3644
	40/04/0005	545444	13507 Rosario Road,		
SW	10/31/2005	P19111	Anacortes WA 98221	55	
			1313 Deane Drive,		
NW	8/27/1987	P19125	Anacortes, WA 98221	78	
			13495 Rosario Road,		
NE	8/1/1968	P19127	Anacortes, WA 98221	35	SC Well ID: 2934
			Lake Camble Road,		
SW	5/3/2001	P19130	Anacortes, WA 98221	60	
			13481 Rosario Road,		
NE	4/22/2013	P19130	Anacortes, WA 98221	49	
NE	3/24/1976	P19138	Skagit County	9	SC Well ID: 2985
			13718 Day Break Lane,		
NE	2/7/2000	P19138	Anacortes, WA 98221	97	
			297 Sharpe Road,		
SE	9/18/1990	P19140	Anacortes, WA 98221	135	SC Well ID: 2997
			13893 Eaglecrest Lane,		
SW	11/10/1995	P19147	Anacortes, WA 98221	184	SC Well ID: 2979
			1311 Wildwood Lane,		Plots directly north
NW	12/3/1987	P19153	Anacortes, WA 98221	130	of Pit
			1382 Eagle Crest Lane,		
SW	1/7/1986	P19172	Anacortes, WA 98221	146	SC Well ID: 2978
	_,.,		295 Sharpe Road,		
NW	9/11/1991	P19182	Anacortes, WA 98221	152	SC Well ID: 2914
1444	3, 22, 2332	. 25202	Sharpe Road, Anacortes,	-32	30
NW	7/18/1985	P19191	WA 98221	120	SC Well ID: 2993
1444	7 1 10 1 1 3 0 3	1 13131	4794 Wagon Lane,	120	3C 11CH ID, 2333
SE	5/30/2008	P19200	Anacortes, WA 98221	156	
JL	3/30/2000	1 13200	Andeortes, WA JOZZI	130	

Quarter-				Water Level (ft	
Quarter	Well Completion	Skagit County		below top of	Skagit County Well
Section	Date	Tax Parcel No.	Well Address	well)	ID
			4812 Sharpe Road,		220 feet elevation
SE	10/27/2003	P19207	Anacortes, WA 98221	19	above msl
			4812 Sharpe Road,		240 feet elevation
SE	11/5/2003	P19207	Anacortes, WA 98221	64	above msl
			1422 Rosario Road,		Plots far southwest
SW	8/31/1990	P19493	Anacortes, WA 98221	124	of Pit
			14018 Crater Lake Road,		
SW	3/27/2001	P64653	Anacortes, WA 98221	264	===
			14231 Crater Lake Road,		
SE	6/25/2005	P64685	Anacortes, WA 98221	132	***
			13253 Deane Dr,		
NW	9/15/2000	P64851	Anacortes, WA 98221	16	
			294 Sharpe Road,		
SE	11/19/1991	P82072	Anacortes, WA 98221	245	SC Well ID: 2996

SC Well ID: 3009	DOE Well	ID:	Unique We	ell TD:	N	OIW53	221		Vater Rig	ht Permit#
Owner	202 (17)		- Janque in		- 1					
Last Name First N	ame Organiz	ation Road					City		State	Zip
Landers Gene	min or Bring		harpe RD				•	cortes		98221
Location										
Parcel Road			City	Zip	Q2	Q1	S	Т	R	Elevation
108998 268 Sharpe I	RD			s 98221	-	SE	11	34	1	
Delegation										
Notified Inspector	Inspection	DOEDate	SCHDDate	Seal Timing	_	ecomm Jethod	issioned		Inspecte	d Problems
	Date	19950821		1 ming	17	tetnou			-	
		19930821	19900313		-					
Dimensions				Water I	_eveis	S			7.4	
Diameter 1	Depth	Compl	etedDepth	Flow		Meas	ared By D	epth		leasured ate
6	300	255					1	83	_	950811
Work				1						
				Owners	Well	_				
Proposed Use	Work Type	Metho	d	Number	•	S	tarted		Compl	eted
Domestic 1	New Well	Rotary				1	9950508		199508	311
Casing				Perfora	tion					
Connection Method	Diameter	Тор	Bottom	Туре	S	ize	Quanti	ty I	Гор	Bottom .
	6	+1	300	Holte St	агг			2	257	268
Screens										
Manufacturer	Туре	Model	Die	meter	S	lotsize	Top)	Bo	ttom
Johnson	stainless ste	eel	6		4		245	44	26:	5
Pump				Gravel :	Pack					
Manufacturer '	Гуре	Horse	ower	Size		7	Cop		Botton	n
Surface Seal				Unusab	le W	ater				
Depth	Seal	Metho	đ	Water 1	Гуре	Į	Depth		Metho	d
18	bentonite			clay silt	y	1	6		natural	clay
Temperature Read	ing			Artesia	n Pre	ssure				
Temperature 1	Date Measure	d Measu	red By	Pressur	e	ľ	Aeasured	Date	Contr	olled By
Well Tests										
Туре	Yield (gpm)		own/Stemse	t Hours]	Measured	By	Measu	red Date
Air		250		1						
Well Log				Driller						
Material		Тор	Bottom	Contra			Last Na	me	First Nan	ne License
brown sandy clay		0	3	Afforda		ater	Halvors	en	Greg	1617
brown clay & gravel		3	16	Systems	•				- -	
brown clay		16	29							
tan clay	4	29	31							
gray clay & fine san		31 '	41							
alternating brown &	tan sand	41 65	65 87							
fine gray sand		F5.75	A 1							
gray clay		87	94							



fine gray sand & water	94	110
gray clay	110	190 . ₹
gravel (large)	190	195
fine gray sand & water	195	200
gravel & gray clay	200	205
fine gray silt, sand, & clay	205	230
gravel, sand, & clay	230	233
sand, small gravel, & brown silt	233	243
gray sand & clay	243	251
gravel, sand, & clay	251	253
gray clay	253	255
gravel, sand, & clay	255	257
gravel, sand, silt, & water	257	268
gravel & sand -large, green	268	272
gray clay, sand, & gravel	272	283
gray clay	283	294
gravel & gray clay	294	297
bedrock-green	297	300
Drilled in compliance with SCC 12.48, based on information supplied by owner.		
Note: Unusable water beteen:	94	110
and also in strata:	195	200

Skagit County Well Report

P109020

Start Card No.

File Original and First Copy with Department of Ecology Second Copy—Owner's Copy Third Copy—Driller's Copy

STATE OF WASHINGTON

5	4/	I	71	£	- 4	

		tides trigin a militarity	4	-
(1)	OWNER: Name Jack Mayor	Address 39 Fleuro & Dr	Brac	o tes
(2)	LOCATION OF WELL: County Stag.	NE WSki W 800 11 T.	74.n., A.	/E W.M.
(28)	STREET ADDDRESS OF WELL (or nearest address)			
(3)	PROPOSED USE: Domestic Industrial I Municipal I DeWater Test Well I Other I	(10) WELL LOG or ABANDONMENT PROCEDUR Formation: Describe by color, character, size of material or thickness of aquifers and the kind and nature of the material in e		
(4)	TYPE OF WORK: Owner's number of well 3	with at least one entry for each change of intormation.	PROM	TO
	V	MATERIAL		10 5
	Abandoned New well J.S. Method: Dug J. Bored II Despensed C. Cable J.S. Driven II Reconditioned C. Rotary II Jelled II	Sand Grave //Brawn Clay	0	ده
(5)	DIMENSIONS: Diameter of well 6 inches.	Bours Clay	85	743
_	Dilliag Paris Debit of Combineted was	Bossin Clan	125	102
(6)	CONSTRUCTION DETAILS: Casing installed: Diam. from 11. to 70 ft. Welded Clam. from 11. to 70 ft.	Grey Clay Rive Sind	182	260
	Liner Installed	- 00 - 020		
	A STATE OF THE STA	C. Cla	210	228
	Perforations: Yea Na	Gery City	1	
	Type of partorator usedin. byin.	Rock Medin to Hoc	224	260
	parforations fromtt.		1	
	pertorations fromit. iott.		1	
	perforations from ft. toft.	N 21/1 1 K	1 1	2.1
	Screens: Yes No.	Castys fulled one	10 1	0
	Manufacturer's Hame	will capie	1	1
	Type Model No	Will Confer		
	Diam. Stol like	And the second s		1
	Diam. Siol size 1000		 	
1000	Gravel packed: Yes No Bixe of gravel			
	Surface seal: Yest No Townet ripth?			
	Material used in seal	1000000		ļ-,
	Did any strate contain unusable water? Yes No M	NUV 29 1988	4	+
	Type of water? Depth of strets	a management of the second of		+
_	Method of sealing strate off	DEPARTMENT OF ECOLO		
(7)	PUMP: Manufacturer's Name	NORTHWEST REGION		1
401	Land-nuriana alevation		-	
(8)			-	
	Static level		-	+
	Arteelan water is controlled by (Gap, valve, etc.))	9-10 10 6	350	10 600
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 9 - 0 . 19 Smpleted 9	/ /	- IV
	Was a pump test made? Yes No H yes, by whom?		กลไรบอย์เอก	of this wall.
	22	. I weekington wall all weekington wall co		i biolivatus.
-	27 14 15		are true	to my baat
'=	Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level	NAME OPERSON, FRIM, OR CORPORATION	1//1	PRINT)
_		Address SOB Kelly B	Han	
-		1.10	11	VIGC
	Date of text		e No.	
	Ballar test gal./min. with ft. drawdown after hr	Contractor's	~ 0	(1)
	Airjost gat./min. with atem set at it. for bro	No. BUILDILLY DES 9-/-	- 5	Z_, 19
	Artesian flow g.p.m. Date			
	Temperature of water Was a chemical analysis made? Yes No	(USE ADDITIONAL SHEETS IF NECI	ESSARY)	

SC Well ID: 2947	DOE Well	iD:	Unique We	ll ID:	NO	DI		V	Vater Righ	t Permit#
Owner										
Last Name First N	vame Organiza	ation Road					City	/	State	Zip
Mayer Jack		1379	Islewood DR				Ana	cortes	WA	98221
Location										
Parcel Road			City	Zip	Q2 '	Q1	S	T	R	Elevation
109020 1379 Islewo	ood DR		Anacorte	s 98221	NE	SW	11	34	1	
Delegation										
	Inspection Date	DOEDate	SCHDDate	Seal Timing		ecomm Iethod	issioned		Inspected	Problems
	Date	19881129	19890106							
Dimensions				Water I	Levels					
	Depth	Comp	letedDepth	Flow		Mensi	red By	Depth		asured
6	260	170						100	Da	ie
								180		
Work					997 D					
Proposed Use	Work Type	Meth	od	Owners Number		S	tarted		Comple	ted
Domestic	Abandoned	Cable				.11	9880810		1988082	24
Casing				Perfora	ition					
Connection Metho	d Diameter	Top	Bottom	Туре	Si	ze	Quan	tity I	Гор	Bottom
	6	0	170							
Screens										
Manufacturer	Type	Mode	l Dia	ameter	SI	otsize	To	P	Bot	tom
Pump				Gravel	Pack					
Manufacturer	Туре	Horse	power	Size		1	`op		Bottom	
Surface Seal				Unusal	ile Wa	ater				
Depth	Seal	Meth	nd	Water			epth		Method	i
18	bentonite	102011	· ·		-94-		4			
	7777777			Artesia	n Pre	ssure				
Temperature Rea	onig Date Measure	d Meas	ured By	Pressu			Measure	l Date	Contro	lled By
	Date Measure							_		
Well Tests	www.nia.a.		down/Stems	et TTamas			Measure	a 15	Mogen	red Date
Туре	Yield (gpm)	Draw	down/Stems				vieasure	и Бу	Mensu	ed Date
Well Log			***	Driller			Toront W	laine e	William William	a I tannai
Material		Тор	Bottom	Contra		:01in	Last N		Bill	e License 0085
sand, gravel, & bro	wn clay	0	85	B&C V	A CHOU	ning	Cioini	21	DIH	0000
brown clay		85	125 182							
brown clay	l'andah manakan	125	210							
gray clay, fine sand	i with water	182 210	210							
gray clay		228	260							
rock, medium to ha Casing pulled back capped		779.	200							

79203

P109020

34/1-112 1/2.

WATER WELL REPORT

Start	Card	No.	 	 	
				 -	

Pite Original and First Copy with Department of Ecology Second Copy—Owner's Copy Third Copy—Driller's Copy

STATE OF WASHINGTON

Third Gopy—Driller's Copy	Water Right Permit No.						
(1) OWNER: Name Jack Mayer	Address 1379 Idle wood de Angeste						
(2) LOCATION OF WELL: County Skag: +	NE & SUN Sec 11 T34 N. AZEWM						
(26) STREET ADDDRESS OF WELL (or nearest address)							
(3) PROPOSED USE: Operation Industrial Municipal Dewater Test Well Ophra	(10) WELL LOG OF ABANDONMENT PROCEDURE DESCRIPTION						
El Contaion	Formation: Describe by color, character, site of material and structure, and show thickness of aquillers and the kind and nature of the material in each stratum panetrated,						
(4) TYPE OF WORK: (if more than one)	with at least one entry for each change of information.						
Abandoned New well	0 2						
(5) DIMENSIONS: Diameter of well 6 Inches.	Gravel Brown Clay 2 37						
Orilled SQ feet. Depth of completed well 72 it.	Sun & Brown Clay 37 55						
(8) CONSTRUCTION DETAILS:							
Casing installed: One Diam from O fi. to SO fi.	1144 30 60						
Welded Diam. from ft. 10 ft.							
Threaded Diam. from tt, to tt.							
Perforations: Yasaa No Malla Kan C							
SIZE of partorations In. by In. by In.							
perforetions from #1. to 35 H.							
perforations from ft. to ft.							
perforations from ft. to ft.							
Screens: Yes Ho							
Manufacturar's Name							
Type Model No	- MEREINIES						
Diam. Slot size from ft. to ft.	167 - 1111						
3/ (#11/	NOV DO COST						
Gravel packed: Yea No Size of gravel	NUV 29 1988 LS						
Gravel placed from ft. lo ft.							
Surface seal: Year To was deptyft.	DEPARTMENT OF ECOLOGY NORTHWEST REGION						
Material used in seal Did any strais contain ununable water? Yes No	MONTHWEST REGION						
Did ony strais contain unusable water? Yes No A. Type of water?							
Mathod of seating strate off							
(7) PUMP: Manufacturer's Name Acomo to							
Тура: А. 5 /6	·						
(8) WATER LEVELS: Land-surface elevation shore mean sea level							
Static level ft. below top of well Date							
Artesian pressure							
(cap, varve, etc.)	Work started 8/25 , 18 Completed 9/1 , 19.85						
(9) WELL TESTS: Drawdows is amount water level is lowered below static level							
Was a pump test made? Yes No type, by whom? Yield:	WELL CONSTRUCTOR CERTIFICATION:						
11 4g 20 11	THE STATE OF STREET AND ADDRESS OF THE PARTY ADDRESS OF THE						
14 13 15 11							
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	120011011						
Time WeterLevel Time WaterLevel Time WaterLevel	NAME OF CORPORATION TO COPE DE PENT						
	(PERSON, FIRM, OR CORPORATION) / (TYPE OR PRINT)						
	Address DOO KEITY KE AS FRAM						
Date of test	AND DORG						
Bailer feet gal./min. with ft, drawdown after hre	(Signed) (WELL DRILLER)						
Airtestgal,/min. with stem set atgat. to	Contractor's Registration No. 12-12-12-12-13-18-19-15-18-19-19-18-18-19-18-18-18-19-18-18-18-18-18-18-18-18-18-18-18-18-18-						
Artesian flow	(USE ADDITIONAL SHEETS IF NECESSARY)						

SC Well ID: 2946	DOE Well	ID;	Unique We	ell ID:	NO	OI		V	Vater Righ	t Permit#
Owner										
Last Name First	Name Organiz	ation Ros	id				City		State	Zip
Mayer Jack		137	9 Islewood DR				Anac	ortes	WA	98221
Location										
Parcel Road			City	Zip	Q2	Q1	S	\mathbf{T}	\mathbf{R}_{\cdot}	Elevation
109020 1379 Islew	vood DR		Anacorte	es 98221	NE	SW	11	34	1	
Delegation										7 77
Notified Inspector Inspection DOEDate SCHDD			te SCHDDate	Seal Decommissioned Inspected Problem			Problems			
		1988112	9 19890106							
				Water I	evels					
Dimensions	200 × 472	C 1	are drawit.	Flow		Mana	ired By D	onth	Me	asured
Diameter	Depth		pletedDepth	FIOW		MENSI	irea by D	chtu	Da	te
6	50	45					- 48	30		
Work										
Proposed Use	Work Type	Met	hod	Owners Number		S	tarted		Comple	ted
Domestic	New Well	Cabl	e e			1	9880829		1988090	1
Casing				Perfora	tion					
Connection Meth	od Diameter	Top	Bottom	Type	Si	ze	Quanti	ty 1	Гор	Bottom
7.5	6	0	50	mills kn	ife 0.	25	25	2	.8	35
Screens										
Manufacturer	Туре	Mod	lel Dia	ameter	Sl	otsize	Top	•	Bott	om
Pump	4			Gravel 1	Pack					
Manufacturer	Туре	Hor	sepower	Size		7	Гор		Bottom	
Aeromotor	ASB	0.5								
Surface Seal				Unusab	le Wa	iter				
Depth	Seal	Met	hod	Water 7	Гуре	I	Depth		Method	
18	bentonite									
Temperature Rea	ading			Artesia	n Pre	ssure				
Temperature	Date Measure	ed Mea	sured By	Pressur	e	1	Measured	Date	Control	lled By
Well Tests			-							
Type	Yield (gpm)	Dra	wdown/Stems	et Hours		3	Measured	By	Measur	ed Date
Pump	5	10		0.5					198809	04
				Driller						
Well Log Material		Top	Bottom	Contra	ctor		Last Na	me	First Nam	e License
top soil		0 0	2	B&C W		lling	Clothier		Bill	0085
	lav	2	37	1,500		-71110			mope ag	a digar
gravel & brown clay		37	55 55							
sand & brown clay water at 33-35 feet		31	بدن							
water at 33-33 Iee	ļ.									

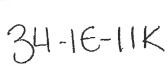
Skagit County Well Report

533272

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WATER WELL REPORT

P109020





Notice of Intern No. w231443 Construction Decommission CREGINAL INSTALLATION	ECOLOGY Original & 1 copy - Ecology, 2 copy - owner, 3 copy - driller	CURRENT		
Construction Documents on ORIGINAL INSTALLATION Notice of Intent Number Industrial Ind	ter white	Notice of Intent No. w231443		
Notice of Internatival Number	X Construction	Unique Ecology Well ID Tag No. apr872		
PROPOSED USES December of well Institute December of well (iffinered than once)		Water Right Permit No.		
Delevisor Institution Text With Coher		Property Owner Name Chris Kresge		
Construction Despet Constitution Despet		•		
Designment of with Geometric of with Geo	TYPE OF WORK: Owner's number of well (if more than one) 4	City Anacortes County	Skagit	
DilitéristONS Dismoter of well Dismoter	New well Reconditioned Method: Dug Bored Driven			
Description	DIMENSIONS: Diameter of well o inches, drilled 220 fi			
Cating @wistered Third installated Disrus, from R. to	Depth of completed well 220 ft.			
Cating @wistered Third installated Disrus, from R. to	CONSTRUCTION DETAILS	Lat/Long Lat Deg Lat M	in/Sec	
Tax Parcel No. (Required) p109020 Perforestrous Yes Elho. Tax Parcel No. (Required) p109020	Casing Riwelded O Diam from 1.37 ft to ft			
Perforations: Yes No No.	Threaded * Diam. From ft. to ft.			
Type of perforation used Size of perforation used Size of perforation Size of Size	Perforations: Yes No		EDHRE	
Sourcests Yes Elno IR-Pas Location MATERIAL FROM TO	Type of perforator used	Formation: Describe by color, character, size of material and	structure, and the kind a	
MATERIAL FROM TO	SIZE of perfs in. by in. and no. of perfs from ft. to ft.			nge.
Top soil	SCREENS: LYes MNo. LK-Pac Location		7	
Diam. Slot size from A. to A. Diam. Slot size from A. to A. Diam. Slot size from A. to A. GraveViller packets Yes No Size of graveVisand Materials placed from No. 10. Materials placed fr	Time Model No			
Gravel/Filter packeet:	Diam. Slot size from A. to A.		1 - 1 - 1	
Gravel/Filter packeet:	Diam. Stot size from ft. to ft.			
Surface Seels	Gravel/Filter packed: Yes No Size of gravel/sand	1	100	_
Material used is seal Bentionite Did say strate contain investible water? Depth of strate				_
Did say string contain suppose water? Depth of strata Type of water? Depth of strata Method of sealing strata off FUMPY Manufacturer's Name GOULDS WATERLEVELS: Land-sturface elevation above mean sea level Static level 1966 In below top of well Date Artesian pressure John per square fine brown static level Waterlevel 1967 Date of fest Bailer Test gal/min. with 1967 Artesian flow pp.m. Date Temperature of water Was a chemical analysis made? Ver No Waterlevel 1967 Date of fest Bailer Test gal/min. with see act at 220. 10. for 1 Ins. Artesian flow pp.m. Date Temperature of water Was a chemical analysis made? Ver No Waterlevel 1967 Start Date 9 June 08 Completed Date 16 June 08 Waterlevel 2967 Driller of miner License No. 1617 FTRAINEE: Driller's License No. 1617 If TRAINEE: Driller's License No. 1617 If TRAINEE: Driller's License No. 1617				_
Depth of strate Depth of s			1	
Method of sealing strate of PUMP: Manofactures' Name Goulds 140 153 180 1799: State 190 180 153 180 15	Did any strain contain unuseble water? Li Yes Li No	Brown sand		
PUMPER Manufacturer's Name Type: Sub H.P. I WATER REVEIS: Land-turface elevation above mean sea level National Level 196		Fine brown sand	131 140	
MATER LEVELS: Land-surface elevation above mean sea level MATER LEVELS: Land-surface elevation above mean sea level Attacking recessore	Method or scaling strata off		100	
WATERLEVELS: Lend-surface elevation above mean see level Static level 196	Type: Sub			
Static level 196				_
Artesian pressure				-
Artesian water is controlled by (cap, valve, etc.) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test mode? Yes No if yes, by whom? Yield: gal/min. with ft. drawdown after hrs. Yield: gal/min. with ft. drawdown after hrs. Recovery data (time taken as zero when pump tumed off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level Date of test gal/min. with ft. drawdown after hrs. Artesian flow gp.m. Date Temperature of water was a chemical analysis made? Yes No WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Driller Imagineer Trainee Signature Driller or funinee License No. 1617 Terraineer Trainee Signature Tenters of the second of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Driller or funinee License No. 1617 Terraineer Trainee Signature Driller or funinee License No. 1617 Terraineer Traineer Signature City, State, Zip Mt. Vernon Was 98273				
WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? Yes No If yes, by whom? Yield:		Gravel sand	215 218	
Was a pump test made? Yes No If yes, by whom? Yield: gal/min. with ft. drawdown after		Bedrock	218	
Yield: gal Imin. with ft. drawdown after hrs. Yield: gal Imin. with ft. drawdown after hrs. Yield: gal Imin. with ft. drawdown after hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. Hrs. H	Was a pump test moade? Yes M No If yes, by whom?			
Yield: gal/min. with	Yield: gal/min, with ft. drawdown after hrs.	Dollad in compliance with one 12.48 based on		_
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level Date of test Bailer Test gal/min with ft. drawdown after hrs. Aintest 1 gal/min with stem set at 220. ft. for 1 hrs. Artesian flow	Yield: gal/min, with fl. drawdown after hrs. Yield: gal/min, with fl. drawdown after hrs.			
Date of test Bailer Test gal/min. with R. drawdown after hrs. Airtest 1 gal/min. with stem set at 220. Attestan flow g.p.m. Date Temperature of water Was a chemical analysis made? WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well constructions and the information reported above are true to my best knowledge and belief. Driller Engineer Traince Name (rem) Halvorson Driller/Engineer/Traince Signature Driller or traince License No. 1617 City, State, Zip Mt. Vernon Was a chemical suced and the information reported above are true to my best knowledge and belief. City, State, Zip Mt. Vernon Was 98273			1	•
Date of test		DEC.	CIVED	•
Date of test		U NEC	F14 1 V 1-1-1-1	
Date of test			n 0 2009	
Bailer Test			D 0 2000	
Artesian flowg.p.m. Dateg.p.m. Date	Date of test	DEPT. O	FECOLOGY	-
Artesian flow	The state of the s			
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Driller Engineer Trainee Name (Part) Halvorson Driller/Engineer/Trainee Signature Address 14021 Bradshaw Rd. 360-424-7444 Driller or trainee License No. 1617 To TRAINEE: Driller's License No: Contractor's Contractor's Contractor's Contractor's	Airlest 1 gal/min, with stem set at 220. ft. for 1 hrs.			
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Driller Engineer Trainee Name (Prim.) Halvorson Driller/Engineer/Trainee Signature Address 14021 Bradshaw Rd. 360-424-7444 Driller or trainee License No. 1617 City, State, Zip Mt. Vernon , Wa . 98273	Artesian flow g.p.m. Date			
construction standards. Materials used and the information reported above are true to my best knowledge and belief. [Driller Engineer Trainee Name (**Frit*) Halvorson Drilling Company Affordable Water Systems Driller/Engineer/Trainee Signature Address 14021 Bradshaw Rd. 360-424-7444 Driller or trainee License No. 1617 City, State, Zip Mt. Vernon Wa 98273	Temperature of water Was a chemical analysis made?	Start Date 9 June 08 Completed Date	e 16 June 08	
Driller or trained License No. 1617 Original Prince City, State, Zip Mt. Vernon , Wa . 98273 Contractor's Contractor's	construction standards. Materials used and the information reported above are true [Driller Engineer Trainee Name (Print) Halvorson Driller/Engineer/Trainee Signature	to my best knowledge and belief. Drilling Company Affordable Water Systems	/ashington well	_
If IsotificE: Diffief S Livense (40)	The system of Mainten market by 210.		08772	_
Driller's Signature: Registration No. afforws945ra Date 8 July 08	IF TRAINEE: Driller's License No:		. 302/3	
	Driller's Signature:	Registration No. afforws945ra	Date 8 July 08	

Report.
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ECY 050-1-20 (9/93) **!

P10 1154 Start Card No. 4/052 752 R WELL REPORT File Original and First Copy with UNIQUE WELL I.D. . ARM Department of Ecology Second Copy — Owner's Copy Third Copy — Driller's Copy STATE OF WASHINGTON Water Right Permit No. OWNER: Name Jorm Address LOCATION OF WELL: County (20) STREET ADDRESS OF WELL (or nestron extrem) WELL LOG OF ABANDONMENT PROCEDURE DESCRIPTION Domesto Municipal D (3) PROPOSED USE: Industrial [] Formation: Describe by color, character, size of material and structure, and show thickness of aquiters and the kind and nature of the metarial in each stratum penetrated, with at least one entry for each [] Irrigation Other Test Well ☐ DaWater change of information. (4) TYPE OF WORK: Owner's number of well FROW TO MATERIAL Sored [] Method: Dug 🗆 New well Abandoned [] Cable [] Orlven [Deepened П Jetter! Rotary 1 Reconditioned [] (5) DIMENSIONS: Diameter of well 1 2 leet. Depth of completed well CONSTRUCTION DETAILS: 7/3 Casing installed: Diam. from -it. Diam, from RECEIVED Perforations: Yes Type of perforator used la. SIZE of perforations JUL 2 4 1995 R. perforations from fī. perforations from ħ. DEPT OF ECOLOGY __ perforations from Screens: Yes Manufacturer's Name Model No. Туре ft. to from Diam. Slot size ft. Slot size Diam. Size of grave 8-12 SILICA SAND Gravel packed: Yes No __ft_ to ___ Gravet placed from Surrace seal: Yes A No To what depth? Material used in soal _ BENTONITE No D Did any strate contain unusable water? Yes Depth of strate Type of water? _ Method of sealing strata of (7) PUMP: Manufacturer's Name ASUMOTOR
Type: SUBMINISTER 25 Work Starter WATER LEVELS: Land-surface elevation ft. tielow top of well Date Coul CONSTRUCTOR CERTIFICATION: Static level _ be per squere inch Datg I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction alanderds. Materials used and the information reported above are true to my best knowledge and belief. Attends pressure Artesian water is controlled by (Cap, valve, etc.) (9) WELL TESTS: Drawdown is amount water ignel is lowered below static level No I If yes, by whom? Was a pump lest made? Yes hrs. gel./mln. with it drawdown after Yield: 93 99 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) Water Level Water Level Contractor's Time (USE ADDITIONAL SHEETS IF NECESSARY) Date of test Boller iest 5 gal /min. with 70 ft. drawdown siter Ecology is an Equal Opportunity and Affirmative Action employer. For speft. for _hm, cial accommodation needs, contact the Water Resources Program at (206) gal,/min. with stem set st Airtast g.p.m. Date_ 407-8600. The TDD number is (206) 407-6006. Was a chemical analysis made? Yes [Temperature of water_



WELL LOG CHANGE FORM

Instructions: Record any change made to the well log record on this form. Then always append this form to the well log image. File with the original.
WCL Log ID (Required) 86745 Well Log ID 39257
Regional Office: CRO CERO SWRO SWRO
Type of Well: Water Resource Notice of Intent: W052752 Ecology Well ID Tag No. ABM 650 Property (Well) Owner's Name Wey & Buker Well Street Address 266 Regard Rd City County Staget Zip Code Location: W21/4-1/4 W2 1/4 Sec 11 Twn 24 R of Eor W (Circle One) Lat./Long: (Required) Lat. Deg. Lat. Min/Sec Long. Deg. Long. Min/Sec Horizontal Collection Method Code Tax Parcel No P. 109154 Type of Work: New Well Reconditioned Deepencd Well Log Received Date 7/24/95 Well Diameter 6 (in inches) Well Depth 216 (in feet) Well Completed Date 7/19/95 Trainee's Ecology License No. 1539 Trainee's Ecology License No.
Reason/Source of Change (Required) Per email from Lorna Parent & Skagit county, corrections were made to Owner name, gladress
+ parcel #
Signature of Well Log Tracker (Required) Colon K-flows Date 1814111



Harris, Arlene (ECY)

From: Sent: LomaParent [lomap@co.skagit.wa.us] Tuesday, October 04, 2011 12:16 PM

To:

Harris, Arlene (ECY)

Subject:

well 86745

Hi Arlene,

I hope all is going well for you.

I found a typo on a well. See below. :)

The name should be: NORM BUKER

The address should be: 266 ROSARIO ROAD

I don't know if you keep track of our parcel numbers but just in case, it is: P109154

Sincerely,
Lorna Parent &
Skagit County Environmental Health
360.336.9476
Always working for a safer & healthier Skagit County!

1

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Date of lest

Baller test __

Artesian flow

Temperature of water

050-1-20 (9/93) * * 1

gal./min. with

gal,/min. with stom set at

ft. drawdown after

No 🔲

g.p.m.

Was a chemical analysis made? Yes [

77773

P113555

Depai Seco	riginal and F no obtain Line WATER WE	LL REPORT UNIQUE WELL LD	I – I E	-117		
Third (1)	Copy Driver's Copy	males SHARPEROAD an	uco m	1221		
_	SIZA C 1 mm	12 56	21/			
	LOCATION OF WELL: COUNTY SKAGIT	- NE 174 SE 174 Sec // T	N. A_	W.M.		
(20)	STREET ADDRESS OF WELL (or nearest address) SAME					
(3)	PROPOSED USE: Domeatic industrial D Municipal D	(10) WELL LOG or ABANDONMENT PROCEDURE D	ESCRIPT	ION		
	Intgation DeWater Test Well Other	Formation: Departite by color, character, size of material and structure, and show biddness of southers and the latel and neture of the material in each stratum penetrated, with at least one entry for each change of information.				
(4)	(if more than one)	MATERIAL	FROM	TO		
	Abandoned D New Well All Method: Dug D Bored D Cable (A C A M Driven D	Sandy Loam	0	3		
	Reconditioned	Corey Sant Coraveh	3	26		
(5)	DIMENSIONS: Diameter of well 24" inches.	Grev Chay	26	.30		
4-7	Drilled 85 leet. Depth of completed well 85 th.	Grey Sand & Gravel	301			
		Some Rock to 6"		41		
(8)	CONSTRUCTION DETAILS:	Pea Size GraveL	41	4.3		
	Casing Installed: Olam. from ft. to ft.	hayers grey sand with	430	11.5		
	Welded Diam. from O to 85 to Diam. from Diam. from to 85 to 18 to 85 to 18 to	1 clase Sediment		4.5		
	Threaded Diam. fromft. toft.	Grey Band Gravel	45	80		
	Perforationa: Yee 2 No	Water in course sand &		-		
	Type of perforator used	Graves	27	80		
	SIZE of perforations 14 0 in. by 2 X 0 Space in.	Brown Clay	80	85_		
		9	ant			
	perforations from ft. to ft.	Total Well Depth	85'			
	petioscons iron					
	Screens: Yes No O around Pump					
	Type PLASTIC Model No.	Well Dug With Home 6	SULL	/		
	Diam. 5 Stot alze 2-0 from 7.5 ft. to 85 ft.		0			
	Diam. Slot size from ft. to	ChamTroe Digger 24	(0)			
	Gravel packed: Yes No Size of gravel PEA					
	Gravel placed from 65 tt. to 85 tt.	With 12" Phastic hiner				
_	Surface seal: Yes 2 No 1 To what depth? 65 t.	6" Side Walls of 3/1=3	35	MIX		
	Material used in seatCDNCRETE	THE SELECTION OF THE SE		1		
	Did any streta contain unusable water? Yes No RECELV	FROM 3 Above Ground	106	Dept		
	Method of sealing strate off	Pag Gravet From 647	V 8:	5		
(7)	PUMP: Manufacturer's Name	6	- 4			
_	Type: DEBT OF ECON	010 000	20	. 08		
(8)	WATER LEVELS: Land-surface elevation above mean sea level a	GY Work Started 9-18-1996 Completed 9-	30	70		
	Static level ft. below top of well. Date	WELL CONSTRUCTOR CERTIFICATION: REC				
	Artesian pressure	I constructed and/or accept responsibility for constructed and/or accept responsibility for construction standard	1 1.139	y, and its		
-		The information recorded above are used to fire dest with the	えい ひいい いりか	91.		
(9)	WELL TESTS: Drawdown is amount water level is lowered below static fevel Was a pump test made? Yes No 11 yes, by whom? OWN Er	Hama Ourna BEY! Ur ECULULY				
	Yeld: 6 gel./min, with 6/ ft. drawdown after 4 hre.	NAME TO DEFEND THE ON CORPORATION , (TYPE O	A PANTA-	11/-		
	5) 55 56 51 10 10 10 10 10 10 10 10 10 10 10 10 10	Jos Sharpe Kd Unas	prus	wa !		
_	,	7	3-0-0-	-		
_	Recovery data (time taken as zero when pump turned off) (water level measured from well	(Signed) Eugene Well Driller	ise No. //	me		
,	top to water level) Fine Water Level Time Water Level Time Weter Level	Contractor's				

Ecology is an Equal Opportunity and Affirmative Action employer. For spe-

(USE ADDITIONAL SHEETS IN ECESSARY)

clat accommodation needs, contact the Water Resources Program at (206) 407-8600. The TDD number is (206) 407-8006.

	2631
20114	PIRIO
++400 HATER NEL	L REPORT Start Card No. W066031
77468 4492 STATE OF MA (11 OWNER: Hame HEISEY, EARL Address 1203 3	SHINGTON WATER RIGHT PERMIT NO.
address 1203 3	ISRO AVE ANACORTES, NA 98221- 34/16/11 C
(2) LOCATION OF WELL: County SKAGIT (2a) STREET ADDRESS OF WELL (or nearest address) MILOMOOD LW (3) PROPOSED USE: DOMESTIC	THE PARTY OF THE P
(2) LOCATION OF WELL: County SKAGIT	- ME 7/4 - MM 1/4 - 260 17 - 1.24 - U-2 U-2 - MI
(2a) STREET ADDRESS OF NELL (OF REAREST ADDRESS) WILDWOOD ON	
(3) PROPOSED USE: DOMESTIC	(10) WELL LOS
Avner of unor Auner's Humber of well	Formation: Describe by color, character, size of material
(If more than one)	and structure, and show thickness of aquiters and the kind
NEW WELL Method: ROTARY	at least one entry for each change in formation.
(3) PROPOSED USE: DOMESTIC (4) TYPE OF WORK: Owner's Humber of well (If more than one) 1 NEW NELL Hethod: ROTARY (5) DINENSIONS: Diameter of well 6 inches Drilled 180 ft. Depth of completed well 43.5 ft. (6) CONSTRUCTION DETAILS: Casing installed: 6 Dia. from +2 ft. to 40 ft. MELDED 6 Dia. from 42 ft. to 178 ft. Ola. from ft. to ft.	one In
Drilled 180 ft. Depth of completed wall 43.5 ft.	KATERIAL 10 11
ANNAPARATINE RETAILS	BROWN SAND SILT GRAVEL
Casing installed: 6 Dia. from +2 ft. to 40 ft.	GRAY CLAY GRAYEL
WELDED 6 Dia from 45 ft. to 178 ft.	GRAY SAND GRAYEL
VIA, I (VIII 15% 59. 100 1	GRAY SAND SILT - SEEPAGE 50 100
Perforations: NO	GRAY CLAY
Type of perforator used in by in.	LAYERED SEEPAGE 100 105
perforations from ft. to ft.	GRAY CLAY
perforations from ft, to	GRAY CLAY SAND SILT
Perforations: NO Type of perforator used SIZE of perforations in. by in. perforations from ft. to ft.	6RAY CLAY CAN STAT 141 161
SCIEBUS: YES	GRAY CLAY SHAD SIL!
Nanufacturer's Name number on the Name of	GRAY CLAY
Dian 6 slot size 10 from 38.5 ft. to 43.5 ft.	
Diam. slot size from ft. to ft.	
perforations from ft. to ft. Screens: YES Hanufacturer's Hame Type STAINLESS STEEL Diam. 6 slot size 10 from 38.5 ft. to 43.5 ft. Diam. 6 slot size from ft. to ft. Gravel packed: NO Size of gravel Gravel placed from ft. to ft. Surface seal: YES To what depth? 18 ft.	Cut casing at 45' backfilled with 3/8" chips from 180' to 44'. OCT OF
Gravel placed from ft. to ft.	Cut casing at 45'
Gravel placed from ft. to ft. Surface seal: YES To what depth? IB ft. Material used in seal BENYONITE Did any strata contain unusable water? NO Type of water? Depth of strata ft. Method of sealing strata off	backfilled with 3/8" chips
Material used in Seal BENTORITE	from 180' to 44'.
Did any strata contain unusable water? NO	Ap.
Type of Mater? Depth of Solato	, C.
A CONTRACTOR OF THE PROPERTY O	OCA VA
allowand a suburnothir	000 00 00
[8] WATER LEVELS: Land-surface elevation above mean sea level ft.	Dr 1900
181 WATER LEVELS: Land-Surface elevation ft.	1 2 EV
Static level 26 ft. below too of well Date 09/19/95	0,00
Static level 26 ft. below top of well Date 09/19/95 artesian Pressure lbs. per square inch Date	A STATE OF THE STA
Artesian water controlled by	Work started 09/15/95 Completed 07/17/79
(9) WELL TESTS: Drawdown is amount water level is lowered below	
(9) WELL TESTS: Drawdown is amount water to be a server save	I constructed and/or accept responsibility to con-
was a pump test made? YES If yes, by whom? JERRY BACUS Yield: 5 gal./min with 17 ft. drawdown after 2 hrs.	
Yield: 5 gal./ain with it it. utandown access to	i and the information reported spoke are time in all pass
	knowledge and belief.
Recovery data Time Water Level Time Water Level Time Water Level	MANE HAYES DRILLING, INC.
14MS BOTES PEARS .vers desail section 1	
	ADDRESS 556 ERSHIG RD., BOW. WA
Date of test	[SIGNED] License No. 1825
Bailer test 2 gal/min, 12 ft. drawdown after 1 hrs. Air test gal/min, w/ stem set at ft. for hrs.	Interest -
Artesian flow G.D.B.	1 Pantyactor's
Temperature of water Was a chemical analysis made: 125	Publishing in a mineral service of the service of t

WELL SITE MEETS ALL SIGHTING CRITERIA UNDER S.C.C. 12.48.090 AND WAC 173-160 BASED ON INFORMATION SUPPLIED BY THE OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE.

74869 P1	9166 7344 34 CURRENT 364	- LE-11	6
WATER WELL REPORT	CURRENT 30		
TYTER MAKE TY MAKENE CARE	Notice of Intent No. VY-1/2		
File 1 ongunal & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller	Unique Ecology Well ID Tag No. ACR	581	
Construction/Decommission ("x" in circle) 145171 & Construction	Water Right Permit No.		
O Decommission ORIGINAL CONSTRUCTION Notice	Water Right Fernat No.		
of Intent Number	Property Owner Name Thomas	GWI	LL
PROPOSED USE: Domestic Industrial Municipal			
DeWater Diringation DTest Well Dother	Well Street Address 13060 S.V		
TYPE OF WORK: Owner's number of well (if more than one)	City Anacovtes County:	Skagi.	<u> </u>
New Well Reconditioned Method Dug Bored Driven	Location NE 1/4- 1/4 NW 1/4 Sec // 7	IWA 34N R.L	EWM) circ
Deepened Cable Rotary Jetted	2 . #	•	wwm
DIMENSIONS: Diameter of well 6 inches, drilled 77 R	Lat Deg	Lat Min/Sec	
Depth of completed well 77 ft	REQUIRED) Long Deg	Long Min/Sec	
	Tax Parcel No.		
CONSTRUCTION DETAILS Casing	CONSTRUCTION OR DECOMMISSION	AN BRACERN	90
nstalled: Liner installed Diam from R to R	Formation Describe by color, character, size of m	aterial and struct	ture, and the
Threaded Plam from ft to ft	kind and nature of the material in each stratum per	etrated, with at i	least one
Perforations: Yes No	entry for each change of information Indicate all (USE ADDITIONAL SHEETS IF NECESSARY)		d
Type of perforator used	MATERIAL MATERIAL	T	
SIZE of perfsin_byin_and no_of perfsfromfi_tofi		FROM	ТО
Screens: Nyes No KK-Pac Location 66 FT	Sandy		5
Manufacturer's Name	Hardpan	5	23
Type StainLess Wire Model No	SIL+V'Sand	2-3	50
Diam 6 Stot Size 8 from 67 ft to 77 ft	Fine sand w water	59	64
Diam Slot Stree from A to ft	clay	64	67
Gravel/Filter packed: Yes No Size of gravel/sand	Fine sand W. Water	- 67	17
Materials placed from ft to fr	clay	77	11
Surface Seal: XYes No To what depth? 18 ft		11	
Materials used in seal	R	ECEIV	
Did any strata contain unusable water		- IV	ED
Type of water?Depth of strata	F	EB 1 1	
Method of sealing strata off	Drn	1 40	04
PUMP: Manufacturer's Name	DEP]	OFFOR	
Туре Н Р	Malf achains and II	OF ECOL	-OGY
WATER LEVELS: Land-surface clevation above mean sea leyel 250 ft		-	
Static level 55 ft below top of well Date 1/28/04	Set Backs under		
Artesian pressurelbs_per square inch Date	1.C.C 8 09		
Artesian water is controlled by(cap,valve, etc.)	, ' i		
WELL TESTS: Drawdown is amount water level is lowered below static level	Based on info		
Was a pump test made? Yes No If yes, by whom?	supplied by owner		
field gal/min with - R drawdown after hrs			
Yieldgal /min_withft_drawdown afterhrs			
Yield gal/min with ft drawdown after hrs			
Recovery data (time taken as zero when pump tioned off)(water level measured from rel top to water level)			
Fime Water Level Time Water Level Time Water Level			
Date of test			
Bailer test 5 gal/min with 8 ft drawdown after / hrs			
Artesi gal/min with stem set at fi for hirs Artesian flow gpm Date 100 (C)			-
Temperature of water Was a chemical analysis made? Yes Mo	Start Date Jan 26/04 Completed Da	10 Jan 28/	04

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller DEngineer DTrainee Name Print Bary Boonstro	Drilling Company WHIDISFY WELL DRILLERS
Driller/Engineer/Traince Signature Joseph Durante	- Address 716 Holbbook Rd
Driller or Trainee License No	= City, State, Zip Coupe VILLE 420 08239
If trainee, licensed driller'sSignature and License no	Contractor's Registration No. WHUDBWD 97 Late 1/28/04
	Ecology is an Equal Opportunity Employer FCY 050-1-20 (Rev 4/01)

Airtest

Artesian flow

Temperature of water

PIGIL

Department of Ecology Second Copy - Owner's Copy Shird Copy - Driller's copy STATE OF WAS		# ALO2	97
1) OWNER: Name Nels Strandberg A	ddress P.O. Box 319, Anacortes, WA 98221		-
2) LOCATION OF WELL: County skagit 2a) STREET ADDRESS OF WELL (or nearest address) 13507 Rosario TAX PARCEL NO.	- SW 1/4 NE 1/4 Sec 11 T.	34 N.R 1	E W.M.
3) PROPOSED USE:	(10) WELL LOG or DECOMMISSIONING PROCEDU Formation: Describe by color, character, size of material and structure, as nature of the material in each stratum penetrated, with at least one entry of information. Indicate all water encountered.	nd the lond and	
4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL topsoil brown clay scattered gravel gray sandy clay	FROM 0 1 1 16	10 16 55
5) DIMENSIONS: Diameter of well 6 Inches. Drilled 100 feet. Depth of completed well 96 ft. 6) CONSTRUCTION DETAILS:	tan sand gravel silt seepage gray clay gray fine sand clay layered gray clay	55 59 70 79	59 70 79 92
Casing Installed: Welded	gray fine sand water gray clay fine sand layered Located in compilence with sec 12-48 based of information supplied by owner.	92 96	96
Perforations: Yes XNo Type of perforator used SIZE of perforations in. by in. perforations from ft. to ft. perforations from ft. to ft. perforations from ft. to ft.	05240		
Screens: X Yes No K-Pac Location Manufacturer's Name johnson Type ss Model No. Diam. 6 Slot size 6 from 91 ft. to 96 ft. Diam. Slot size from ft. to 7.	NOV 2 9 2005 DEPT OF ECOLOG		
Gravel/Fitter packed: Yes (X) No Size of gravel/send Material placed from ft. to ft.	200106	Υ	
Surface seal: XYes No To what depth? 18 ft. Material used in seal bentonite Did any strate contain unusable water? Yes XNo Type of water? Depth of strate Method of sealing strate off			
7) PUMP: Manufacturer's NameH.P			
8) WATER LEVELS: Land-surface elevation above mean sea level Static level 55 it. below top of well Date 10/31/2005 Artesian pressure ibs. per square inch Date (Cap, valve, sto)	Work Started 10/28/2005 . 19. Completed 10/3 WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction compliance with all Washington well construction standard and the information reported above are true to my best low	of this well, and	nd its
(9) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? Yes No if yes, by whom? Yield:	Type or Print Name Wayne Logsdon (Ucersed Driller/Engineer) Trainee Name Licer Drilling Company Aquatech Well Drilling & Pump	ps No. 214 ps Inc ps No. 214 a 98284	.

gal/min. with 20 ft. drawdown after 1

g.p.m. Date

Was a chemical analyses made? Yes No

gal./min. with stem set at

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDD number is (360) 407-6006.

File Original and First Copy with Department of Ecology Second Copy — Owner's Copy Third Copy — Driller's Copy

34/01-11B Application No

WATER WELL REPORT STATE OF WASHINGTON

Permit No

1) OWNER: Name. Larry Gulick	Address 1313 Deane's Dr.	Anac	ortes
2) LOCATION OF WELL: County Skagit	_ NW 14 NE 14 Sec 11 . T.	34 N., R.1	E w.m.
earing and distance from section or subdivision corner			
3) PROPOSED USE: Domestic & Industrial D Municipal D	(10) WELL LOG:		
Irrigation □ Test Well □ Other □	Formation: Describe by color, character, size of materiahow thickness of aquifers and the kind and nature of stratum penetrated, with at least one entry for each t	al and struct the materic change of f	ture, and it in each ormation.
4) TYPE OF WORK: Owner's number of well in more than one)	MATERIAL	FROM	TO
New well Method: Dug Bored D	Topsoil	0	1_
Deepened [] Cable [] Driven [] Reconditioned [] Rotary [] Jetted []	Brown sand & gravel	1	7
Петанония П	Boulder	7	8
5) DIMENSIONS: Diameter of well 6 200 inches. Depth of completed well 200 rt.	Brown med. sand & gravel	8	12
Drilled 200 ft. Depth of completed well 200 ft.	Brown fine sand & gravel	12	14_
6) CONSTRUCTION DETAILS:	Brown fine sand & little clay	14	15
Casing installed: 6 "Diam from +4 n to 1495 n.	Gray fine sand & little clay	15	16
Threaded [] "Dlam. from	Gray soupy fine sand & clay	16	17_
Welded Ki Diam. from ft. to	Gray clay	66	66 75
	Gray clay & fine sand Gray soupy fine sand & clay B -	100	
Perforations: Yes No 2	saturated	75	83
Type of perforations	Gray gain clay	83	91
perforations from ft. to ft.	Gray clay & fine sand - softer	91	103
perforations from	Gray clay	103	12213°
perforations from ft to ft.	Softer gray clay & some gravel	1371	1495_
Screens: Yes No &	Rock (Andesite)	1493	
Manufacturers Name			
Tuna Model No	Maker coming from right on top		
Diam Slot size from ft. to ft.	C all a mode.		
Diam Slot size from			
Gravel packed: Yes No (2) Size of gravel:			
Gravel placed from			
The state of the s			
Surface seal: Yes D No D To what depth? 18 #. Material used in seal Puddeling Clay	1		
The ann strote contain unusable water? Yes [] No M		 -	
Type of water? Depth of strate			
Method of sealing strate off	So AN VOI	-	
(7) DYIMP. Webtrol	1 - 47	10	
(7) PUMP: Manufacturer's Name Webtrol HP 1/2	A 100	VIA	
		1111	
(8) WATER LEVELS: Land-surface elevation above mean sea level	RECO	W/	1
	16 C10 V OO	1	
Artesian pressure ibs. per square inch Date Artesian water is controlled by	16 C10 VOO	+	1
(Cap, valve, elc.)	The same of the property of the same of th		1
(9) WELL TESTS: Drawdown is amount water level in lowered below static level	Work started 8/26 , 19 87, Completed	8/27	19.87
Was a pump test made? Yes No 18 If yes, by whom?		The state of the s	
Yield: gal./min. with ft. drawdown after nic	-		
13 61 62 13	This well was drilled under my jurisdiction true to the best of my knowledge and belief.	and this	report is
48 12	- 1		
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	NAME HAYES WELL DRILLING &	PILIMPS.	INC.
Time Water Level Time Water Level Time Water Level	(Person, firm, or corporation)	(Type or p	
***************************************	556 ERSHIG RD.		BOW
Commence of the commence of th	Address	A -1	·***************
27 28 19 367 805 · · · · · · · · · · · · · · · · · · ·	Teve (mi)	L	
In liate of test	[Signed](Well Driller)	********	
Biller test 2. gal./min. with	21 769	1/14	. 88
Temperature of water . Was a chemical analysis made? Yes [] No [, 19
Tailing orate on water	A 1		

SC Well ID: 2934	DOE Well	ID:	•	Unique Wo	ell ID:	N	OI .			Water Ri	ght Permit#
Owner											
Last Name First	Name Organi	zation	Road					Cit	y	State	Zip
Gates Char	les		1/2 mi.	W of Lake	Erie			An	acorte	s WA	98221
Location											
Parcel Road				City	Zip	Q2	Q1	S	T	R	Elevation
19127 1/2 mi. W	of Lake Erie			Anacorte	es 98221	SE	NE	11	34	1.	
Dimensions					Water 1	Levels					
Diameter	Depth		Comple	tedDepth	Flow		Meas	ured By	Depth	1	Aeasured
6	89		68					*	-	Ji.	Date Date
									35	.1	9680801
Work					· ·	عدد مستد					
Proposed Use	Work Type		Method	1	Owners Number		\$	tarted		Comp	leted
Domestic	New Well		Cable		110441001		1	9680801		19680	801
Casing					Perfora	tion					
Connection Meth	od Diameter	Top)- :	Bottom	Туре	S	ize	Quan	tity	Төр	Bottom
	6	+2		68	"-				-		
Screens											
Manufacturer	Туре		Model	Dia	ameter	SI	otsize	T	ор	B	ottom
Cook	stainless s	teel	KO	6		10)	64	4	68	}
Pump					Gravel	Pack					
Manufacturer	Туре		Horsep	ower	Size		7	Гор		Botto	m
Surface Seal		-17			Unusab	le Wa	ater				
Depth	Seal		Method		Water	Туре]	Depth		Meth	ód
Temperature Re	ading				Artesia	n Pre	ssure				
Temperature	Date Measur	ed	Measur	ed By	Pressui			Measure	d Date	e Conti	rolled By
Well Tests											
Туре	Yield (gpm)		Drawdo	wn/Stemse	et Hours			Measure	d By	Meas	ured Date
Bailer	4		25		1.						4.0
Well Log					Driller						
Material		Tor)	Bottom	Contra	ctor		Last N	Vame	First Na	me Licens
brown clay, sand,	& gravel	0		8	Hayes			Hayes		Hilton	
brown sand, clay	-	8		18							
tan sand		18		41	1			*			
gray silt, sand, &	clay	41		55	1						
silt & sand		55		62	1						
sand & water		62		71							
silt, sand, & water	r	71									

Skagit County Well Report

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

File Original with Notice of Intent W 127 WATER WELL REPOF Department of Ecology UNIQUE WELL I D # _A STATE OF WASHINGTON Second Copy Owner's Copy Third Copy - Oriller's Copy Water Right Permit No. Mc MASTER STEW GALLER OWNER Name I Im Address LOCATION OF WELL County SKAD T (2a) STREET ADDRESS OF WELL (or nearest address) LK CAMBIE RO ANACONTES TAX PARCEL NO **M** Domestic PROPOSED USE (10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION Industrial □ Municipal ☐ Imgation ☐ Test Well ☐ Other Formation Describe by color, character, size of material and structure, and ☐ DeWater the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered TYPE OF WORK Owner's number of well (if more than one) New Well Method MATERIAL FROM TO Deepened Dug Dug Ti Bored BROWN CLAY + GRAVE Reconditioned Cable D Driven Rotary □ Decommission ☐ Jelted DIMENSIONS Diameter of wall inches 12 Dnl!ed feet Depth of completed well AN SAN 28 12 CONSTRUCTION DETAILS +11/2 68 Casing Installed Welded ! Diam from TAN SANO Liner installed Diam from It to ☐ Threaded Diam from It to 3. ☐ Yes X No Perforations US Type of perforator used SIZE of perforations in by 48 perforations from . ft to 5a. Bees II No II K Pac Location _ Screens Manufacturer's Name _ Julys. Турв Stol Size It to 23 Diam ft from Stot Size from GraveVFilter packed ☐ Yes Of No ☐ Size of graveVsand Material placed from_ ft ft to B No Surface seal . To what depth? Material used in seal Mil Did any strata contain unusable water? ☐ Yes WNo Type of water? Depth of strata Method of seeing strate off 600100 PUMP Manufacturer's Name ろいし HP WATER LEVELS Land-surface elevation above mean sea level Date 3 MAY 01 Static level It below top of well Completed 3MAYD 60 Artesian pressure lbs per square inch Artesian water is controlled by (Cap, valve etc.) WELL CONSTRUCTION CERTIFICATION I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used WELL TESTS Drawdown is amount water level is lowered below static level Was a pump test made? Tyos No If yes, by whom? and the information reported above are true to my best knowledge and belief Yield nal Imin with it drawdown after hrs Type or Print Name Halvorson Yeld gal /min with it drawdown after License No 2480 hrs Yield gal Imm with it drawdown after (Licensed Driller/Engineer) hrs Recovery data (time taken as zero when pump turned oil) (water level measured from Trainge Name well top to water level) Drilling Company AFRORPAble WATER Time Water Level Time Water Level Time Water Level (Signed) License No 24 80 (Licensed Dallor/Engineer) Address 1402 Date of test Contractor's Bailer test gal Iron with it drawdown after Registration No AFFORWS 10 1 2J 68 it drawdown after_ gal finin with 55 m Airtest hrs gpm Date Artesian flow (USE ADDITIONAL SHEETS IF NECESSARY) Temperature of water Was a chemical analysis made? (X) Yes (1) No

ECY 050-1 20 (11/98)

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Ecology is an Equal Opportunity and Affirmative Action employer For special accommodation needs, contact the Water Resources Program at (380) 407-6600 The TDD number is (360) 407 6006

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WATER WELL REPORT	* 1 AV - AV - AV -	
	CURRENT	
Construction/Decommission ("x" in circle)	lotice of Intent No. WE15991	
X Construction	Inique Ecology Well ID Tag No. BHK533	
	Water Right Permit No.	
Notice of Intent Number	Property Owner Name KENNETH KILLPACK	
PROPOSED USE: [h] Donestic [Industrial [Industrial	Well Street Address 13481 ROSARIO ROAD	
	and a filter of the control of the filter of	VACUT
personal to the property of the personal Prope	City ANACORTES County S	
Electric Minages Clicking	ocation SW 1/4-1/4 NE 1/4 Sec 11 Twn 34	_R 1 EWM
DIMENSIONS: Diameter of well 6 inches, drilled 340 ft Depth of completed well 255 ft.	(s, t, r Still REQUIRED)	WWM One
CONSTRUCTION DETAILS	at/Long Lat Deg Lat Mi	n/Sec
Classical Gillworder 6 Diam, from 0 ft. to 25 ft.	Long Deg Long A	/lin/Sec
installed: X Liner installed 6 Diam, from 85 ft. to 340 ft.	Tax Parcel No. (Required) 340111-1-021-000	
Threaded 4 " Diam. From 5 ft. to 65 ft.	CONSTRUCTION ON DECOMMISSION PROCEDU	
Throw of confine and used	Formation Describe by color, character, size of material and	structure, and the kind and
SIZE of ports in by in and no. of perfs from ft. to ft.	nature of the material in each stratum penetrated, with at least of information. (USE ADDITIONAL SHEETS IF NECESSA	RY.)
Screens: WVee TWo TK-Pac Location	MATERIAL	FROM TO
Manufacturer's Name Type PVC Model No. Diam. 4 Stot size #20 from 65 ft. to 85 ft. Diam. Stot size from ft. to 8.	DARK BROWN CLAY AND COBBLES	0 3
Type PVG Model No.	BROWN SILTY CLAY	3. 11.
Diam 4 Stot Size from 0.10 ft.	BROWN SAND AND SILT	11 30
Gravel/Filter packed: [N] Yes No Size of gravel/sand 8/12	GREY SILTY SAND	30 46
	GREY CLAY AND SAND	46 . 76
Materials placed from 60 ft. to 90 ft.	GREY SILTY SAND AND A LITTLE WATER	76 79
Surface Seal: A Yes No To what depth? 18 ft. Material used in seal BENTONITE	GREY CLAY AND SILT	79 130
Material used in seal DENTOTTICE	HARD GREY CLAY	130 212
Did any strata contain unusable water? Yes No	GREY SILTY CLAY	212 225
Type of water? Depth of strain	GREY CLAY	225 275
Method of sealing strata off	GREY CLAY WITH SOME SAND & GRAVEL	275 285
PUMP: Manufacturer's Name	GREY CLAY SILT & SOME GRAVEL	
Type: H.P.	AND WATER	285 302
WATER LEVELS: Land-surface elevation above mean sea level R.	GREY CLAY SILT AND FINE SAND	302 320
Stalic level 49	GREY CLAY SILT AND WATER	320 340
Artesian pressure	The second of th	RS 255
Artesian water is controlled by (csp. valve, etc.)	4" THREADED PVC WELL CASING	85 255
WELL TESTS: Drawdown is amount water level is lowered below static level	PEA GRAVEL 255 FT TO 340 FT	
Was a minor lest mode?	WELL LOCATED ACCORDING TO SKAGIT	
Yield; gal/min. with ft. drawdown after hrs.	COUNTY ORDINANCE #12.48	
Yield: pal/min. with ft. drawdown after hrs. Yield: gal/min. with ft. drawdown after hrs. Yield: gal/min. with ft. drawdown after hrs.	COUNTY ORDINANCE WIZ-10	
Yield: gal /min. with ft. drawdown after hrs Recovery data (time taken as zero when pump turned off) (water level measured from well	14'S-	CEME
foo to water level		
Tinte Water Level Time Water Level Time Water Level		
The second secon	10)	
		0 s 4 h
	1 H-1. 1.	is a
Date of test	Aligh.	1 12 1 111
Baller Test 2+ gal/min, with 21 ft, drawdown after 2 hrs.		
Airest gal /min. with stem set atfl. forhus.		1
Artesian flow 8.p.m. Date	D. 100 S. C. 100 SANG	- ADD/2013
Temperature of water Was a chemical analysis made? Yes No	Start Date 4/11/2013 Completed Date	e 412212013
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility construction standards. Materials used and the information reported above are true. Driller Engineer Trainee Name (Jint) ROPH RIGGIES Driller/Engineer/Trainee Signature	to my best knowledge and belief. Drilling Company DAHLMAN PUMP & WEI Address P O BOX 422	LL DRILLING INC
Driller or trainee License No. 2043	City, State, Zip BURLINGTON , W	A , 98233
IF TRAINEE: Driller's License No:	Contractor	ne Aminhia
Driller's Signature:	Registration No. DAHLMPW123LC	Date 4/24/2013

File Original and First Copy with
Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT STATE OF WASHINGTON

Application No.	/	-
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Permit No.

(1) OWNER: Name Stark, Mike	Address Route 2, Pox 100, Anacortes 98221
(2) LOCATION OF WELL: County Skapit	NE IN & SV & Sec. 11 T. 34 N. R. 1 EW.M
Bearing and distance from section or subdivision corner	
(3) PROPOSED USE: Domestic & Industrial Municipal	(10) WELL LOG:
Irrigation [] Test Well [] Other []	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL FROM TO
New well Method: Dug Bored Deepend Cable Driven	Topsoil 0 5'
Deepened Cable Driven Cable Driven Cable Reconditioned Retary Jetted	Gravel & Clay 5 201
	Sandy Gravel 20 25.
(5) DIMENSIONS: Diameter of well	
(6) CONSTRUCTION DETAILS:	
Casing installed: Le "Dlam. trom to 25 tt.	
Threaded [] " Diam. from it. to it.	
Welded Dlam. from H. to ft.	
Perforations: Yes [] No [5]	
Type of perforator usedin. byin.	
perforations from ft. to ft.	
perforations from It. to It.	
perforations from	н
Screens: Yes 🗆 No 🕏	
Manufacturer's Name	
Type Model No	
Diam. Slot size from ft to ft.	
Gravel packed: Yes O No A Size of gravel:	7.11
Gravel placed from	
Surface seal: Yes No D To what depth? 18 tt.	
Did any strata contain unusable water? Yes [] No [5]	
Type of water? Depth of strate Depth of strate	
Method of sealing strata off	
(7) PUMP: Manufacturer's Name Jacuzz/ DRO.	
(8) WATER LEVELS: Land-surface elevation above mean sea level	
Static leveltt. below top of well Date	
Artesian pressure	
(Cap, valve, etc.)	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 3-22-76 19 Completed 3-24-76 19
Was a pump test made? Yes No If yes, by whom?	WELL DRILLER'S STATEMENT:
Yield; gai./min. with ft. drawdown after are.	This well was drilled under my jurisdiction and this report i
9 B 4 D	true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	
measured from well top to water level) Time Water Level Time Water Level Time Water Level	NAME DAHLMAN PUMP & DRILLING INC. (Person, firm, or corporation) (Type or print)
**************************************	Address Burlington 98233
	2001
Date of 1841.	[Signed] R. C. Johnson
Bailer test	222/ (Well Driller)
Artesian flow	License No. 2000 14184 Date 3-31-78 19
TENIDALSPITA AT MAJETURNISHM ALTER A STREETH S	416

07/4	F73		1 (100			
	72/11	HATER WEL	L REPOR: SE	art Caro No. iter Right Permit No.	AAY 066	
N/2/65/ REVISED	, 5470	JINIC VI M	DAY DOFAY LANC ANGCORIES	NA 98221- 32	1-16	2712
(1) ONNER: Name PAN KOPKONS	N1 	Address 19/10	DNI DREAM CHILE	T TA N R IF WE	2:::::::	****
(2) LOCATION OF WELL: Coun (2a) STREET ADDRESS OF WELL	ty SKAGIT for nearest addres	s) 13718 DAY BREAK	- NE 1/4 GWAS JEEL			
PROPOSED USE: DONESTIC			Tarner on Paggins by COL	r character Size C	f pater1	31
4) TYPE OF MORE: NEW WELL	Owner's Nuever of a (If more than one) Method: ROTARY	eli l	DAY BREAK LANE ANACORTES, - ME 1/4 GWIM Sec 11 (10) WELL LOG Formation: Describe by cold and structure and snow the anatorial at least one entry for each	ckness of agulfers a in each stratum cene change in formation	nd the A topied.	100 #110
(5) DIMENSIONS: Oralled 177 ft.	Diameter of Depth of Joanletes	well 6 Inches	Formation: Describe by cold and structure, and snow this and nature of the material at least one entry for each MATERIAL GRAVEL 4 SAND BROWN CLAY		*RC**	20 25
(6) CONSTRUCTION DETAILS: Casing installed: 6 WELDED	Cla. from #3 Pla. from Dia. from	11. to 137 ft.	BROWN CLAY SRAY SILT & CLAY BROWN SILT & SAND		65	123
ferforations: NO Type of perforato: 1	eed		GRAY CLAY GRAY SAND WOOD & WATER GRAY CLAY & SAND LENSE	1	136	136
Sile at Eerforations cerforations cerforations	used from ft. to from ft. 10 from ft. 20	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RECEIVED			: :
perforations	from ft. 40			884	1	
Ecraesa: YES Manufacturer & Haas	· CI	DOK	APR 0 8 2003	200		•
Screens: YES Manufacturer s Hame Tyce STAINLESS SIEE Diam. 6 slot si Diam. slot si	ze 010 from 136 ze from	to to Mi ti.	DEPARTMENT OF ECOLOGY WELL DRILLING UNIT	OEP T	i i ye	ž .
Gravel Sacked: NO Gravel Staced from	ft. to	i.	*	A So n	i	š
Surface seal: YES material used in se Did any strata cont Type of water? Kethod of sealing S	al BENTONITE ain unusable water? trata off	decth? 18 ft. NO of strata, ft.		E BUDGET	٠	# 5 (#5 190) ₈₅₈
cump: Manufacturer's H	40£	H.P.	\$ •			
2) STEAL FEATURE IS	Lang-sufface el	evation level 02/11/00				
Static level 97 Arcesian Pressure Estesian water control	lbs. ser square 1 le: by		unck started 01/51/00	linnietai 02	107/00	14
o) AELI TESTE: Brandonn to static let as a curo test asde? YE rield: 5 gal., ean mi	s amount water leve	i is lowered telow : wayrs orithing	AEL CONSTRUCTOR CERTIFICA I constructed and/or a struction of this self	cont responsibility ling its lowellands	1911318	1141
Recovery data Time Water Level 1	Time Water Level	Time Water Level			77773	
			ACORESS 5696 ERSHIG RD.		514.534	
fate of test Sauler test gal/a	in. ft. graydo	an after ars	(SIGNED) JOHN JEL	licanse No.	1144	
Air test 1 gal/ain. Artesian 120 2. Tenograture of Malar	w/ stes set at 100	Date yell	Contractor: Pegistration 40. HAYESOL	06J5 Care 30		6965

Well site meets all sighting criteria under S.C.C 12.48.090 and WAC 173-160 based upon information supplied by the owner or owner's authorized representativ

Construction Defaults			117	0	24/15/	11
MELDED Dia. from ft. to ft. SRAW BRAND 446 53 54 55 55 55 55 55 55 55 55 55 55 55 55	77995	TER NEL STATE OF NA	L REPORT Shington	Start Card ! Water Right	e. 075975 Permit No.	
MELDED Dia. from ft. to ft. BRWH FIRE SAND MELDED Dia. from ft. to ft. BRWH FIRE SAND Perforations: MO Upe of perforators In. by in. Defforations from ft. to ft. Suff of perforations from ft. to ft. Defforations from ft. to ft. Defforations from ft. to ft. Defforations from ft. to ft. Perforations ft. to ft. Perforation ft. to ft. Perforations ft. to ft. Perforations ft. to ft.	// \ OWNER- Wame ROFSEF. FRED	ddress 1296 T	HOMPSON RD ANAI	CORTES. WA 98221-		********
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Screens: NO Hanufacturer's Hame Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Gravel packed: ND Gravel placed from ft. to ft. Surface seal: YES Diam seal PUDDELING CLAY Did any strata contain unusable mater? NO Type of mater? Hethod of sealing strata off Static level 135 ft. below top of mell Date of Artesian mater controlled by (9) MELL IESTS: Drawdown is amount mater level is lowered below Static level. Has a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was have now iedge and belief. Wash clay & some SRAVEL & MATER CRAY CRAY & SONE SRAVEL Was SONE SRAVEL & MATER CRAY CRAY & SONE SRAVEL WASH & CLAY & SONE SRAVEL WASH & SONE SRAVEL WASH & SONE SRAVE			ANNO LINE VOIN W	PRIIDS MINITOR	23	34
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Screens: NO Hanufacturer's Hame Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Gravel packed: ND Gravel placed from ft. to ft. Surface seal: YES Diam seal PUDDELING CLAY Did any strata contain unusable mater? NO Type of mater? Hethod of sealing strata off Static level 135 ft. below top of mell Date of Artesian mater controlled by (9) MELL IESTS: Drawdown is amount mater level is lowered below Static level. Has a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was a pump iest made? ND Type static level. Was have now iedge and belief. Wash clay & some SRAVEL & MATER CRAY CRAY & SONE SRAVEL Was SONE SRAVEL & MATER CRAY CRAY & SONE SRAVEL WASH & CLAY & SONE SRAVEL WASH & SONE SRAVEL WASH & SONE SRAVE	Type of perforation used	in.	GRAY SAND WOOD &	NATER	63	69
Screens: NO Hanufacturer's Hame Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Gravel packed: ND Gravel placed from ft. to ft. Surface seal: YES Diam seal PUDDELING CLRY Did any strata contain unusable mater? ND Type of mater? Hethod of sealing strata off Type of mater? Static level 135 ft. below top of well bate og/19/90 Artesian Pressure ibs. per square inch bate Artesian mater controlled by (9) MELL IESTS: Drawdown is amount mater level is lowered below static level. Was a pump iest made? ND Tyled: gal./min with ft. drawdown after hrs. Recovery data Time Hater Level Time Water Level Time Water Level RAMY CLAY & SOME GRAVEL GRAY CLAY HAMTER CLAY & SOME GRAVEL GRAY CLAY HAMTER CLAY & SOME GRAVEL HAMTER HAMTER CLAY & SOME GRAVEL HAMTER CLAY & SOME SILT HAMTE	perforations from ft. to	ft.	GRAY CLAY & FINE	SAND	69	Bi
Screens: NO Hanufacturer's Hame Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Gravel packed: ND Gravel placed from ft. to ft. Surface seal: YES Diam seal PUDDELING CLRY Did any strata contain unusable mater? ND Type of mater? Hethod of sealing strata off Type of mater? Static level 135 ft. below top of well bate og/19/90 Artesian Pressure ibs. per square inch bate Artesian mater controlled by (9) MELL IESTS: Drawdown is amount mater level is lowered below static level. Was a pump iest made? ND Tyled: gal./min with ft. drawdown after hrs. Recovery data Time Hater Level Time Water Level Time Water Level RAMY CLAY & SOME GRAVEL GRAY CLAY HAMTER CLAY & SOME GRAVEL GRAY CLAY HAMTER CLAY & SOME GRAVEL HAMTER HAMTER CLAY & SOME GRAVEL HAMTER CLAY & SOME SILT HAMTE	perforations from ft. to	ļt.	COAY FINE SAND A	CLAY	1 88	92
Screens: MO Manufacturer's Hame Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Diam. slot size from ft. to ft. Gravel packed: HD Gravel placed from ft. to ft. Surface seal: YES Material used in seal PUDDELING CLAY Did any strata contain unusable mater? NO Type of mater? Nothod of sealing strata off (7) PUMP: Manufacturer's Hame Type Artesian Pressure Dismans above mean seal level Type More static level St	ballotariane ite in	141	GRAY FINE SAND -	SEEPAGE	92	100
Diam. Slot size from ft. to ft. SAMY CLAY Diam. Slot size from ft. to ft. SAMY CLAY Diam. Slot size from ft. to ft. SAMY CLAY Diam. Slot size from ft. to ft. SAMY CLAY Gravel packed: ND Size of gravel Gravel packed: ND Size of gravel Gravel placed from ft. to ft. Surface seal: YES To what depth? 10 ft. Material used in seal PUDDELING CLAY Did any strata contain unusable water? ND Type of water? Nothod of sealing strata off [7] PUMP: Manufacturer's Name Type H.P. Static level 135 ft. below top of well bale 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by (9) MELL IESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? ND If yes, by whom? Yield: gal./min with ft. drawdown after hrs. Recovery data Time Water Level WANK STARTER & CLAY SAMY GRAVEL & WATER SAMY GRAVEL & CLAY SAMY			GRAY CLAY & SONE	2111	107	189
Surface seal: YES Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata Type In Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata The Method of sealing strata off It Method of se	Manufacturer's Habb Type Hodel No.		GRAY CLAY & SOME	GRAVEL	189	195
Surface seal: YES Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata Type In Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata The Method of sealing strata off It Method of se	Diam. slot size from ft.	to ft.	SRAY CLAY		195	222
Surface seal: YES Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata Type In Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata The Method of sealing strata off It Method of se	Diam, slot size from ft.	to It.	GRAY GRAVEL & MM	AY	225	1 443
Surface seal: YES Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata Type In Material used in seal PUDDELING CLAY Did any strata contain unusable water? NO Type of water? Depth of strata The Method of sealing strata off It Method of se	Gravel packed: ND Size of grav	vel	William and a second			ł
Material used in seal PUDDELING CLAY Did any strata contain unusable water? MD Type of water? Depth of strata ft. Method of sealing strata off (7) PUMP: Manufacturer's Mame Type H.P. (8) MATER LEVELS: Land-surface elevation above mean sea level ft. Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by (9) MELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? ND If yes, by whom? Yield: gal./min with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level We have started 09/18/90 Completed 09/19/90 Work started 09/18/90 Completed 09/19/90 Well COMSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Of the Water Level Water Level Time Water Level Work Started 09/18/90 Work Started 09/18/90 Work Started 09/18/90 Time Water Level Time Water Level Water Level Time Water Level Water Completed 09/19/90 Well COMSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. WATER LEVELS: WATER LEVELS: Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level	Gravel placed from ft. to ft.				!	1
Material used in seal PUDDELING CLAY Did any strata contain unusable water? MD Type of water? Depth of strata ft. Method of sealing strata off (7) PUMP: Manufacturer's Mame Type H.P. (8) MATER LEVELS: Land-surface elevation above mean sea level ft. Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by (9) MELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? ND If yes, by whom? Yield: gal./min with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level We have started 09/18/90 Completed 09/19/90 Work started 09/18/90 Completed 09/19/90 Well COMSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Of the Water Level Water Level Time Water Level Work Started 09/18/90 Work Started 09/18/90 Work Started 09/18/90 Time Water Level Time Water Level Water Level Time Water Level Water Completed 09/19/90 Well COMSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. WATER LEVELS: WATER LEVELS: Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level	Surface seal: YES To what de	th? 10 ft.				1
Method of sealing strata off [7] PUMP: Manufacturer's Mame						1
Recovery data Time Water Level Time	type of water? Depth of 5	trata ft.			ľ	1
[7] PUMP: Manufacturer's Name	TID EJETJE DRIIERS TO NORTHE				į	İ
Type H.P. (8) WATER LEVELS: Land-surface elevation above mean sea level Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian mater controlled by Work started 09/18/90 Completed 09/19/90 (9) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? ND If yes, by whom? I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. Recovery data Time Water Level T					l 1	l i
Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by Work started 09/18/90 Completed 09/19/90 (9) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./win with ft. drawdown after hrs. Recovery data Time Water Level Time Water Lev	Type	H.P.			i	i
Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by (9) WELL IESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./win with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level AND LECTORSTRUCTOR CERTIFICATION: I construction caccept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. RAME HAYES DRILLING, INC. (Person, firm, or corporation) (Type or print)	in warn initia.	ian			1	1
Static level 135 ft. below top of well Date 09/19/90 Artesian Pressure ibs. per square inch Date Artesian water controlled by (9) WELL IESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./win with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level AND LECTORSTRUCTOR CERTIFICATION: I construction caccept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. RAME HAYES DRILLING, INC. (Person, firm, or corporation) (Type or print)	(B) MHIER FEASTS: Spoke mean 269 16A6	1 !!.			į	ì
Work started 09/18/90 Completed 09/19/90 (9) WELL IESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./win with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Work started 09/18/90 Completed 09/19/90 WELL COMSTRUCTOR CERTIFICATION: I construction cand/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. WAME HAYES DRILLING, INC. (Person, firm, or corporation) (Type or print)	Static level 135 ft. below top of well	Date 09/19/90			ļ	1
(9) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./min with ft. drawdown after hrs. Recovery data Time Water Level Time Water	Artasian water controlled by	VA.0		. a lás 0 -		1
(9) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./min with ft. drawdown after hrs. Recovery data Time Water Level Time Water	,				mhieren A3/12/26	::::::::::
Static level. Was a pump test made? NO If yes, by whom? Yield: gal./win with ft. drawdown after hrs. Recovery data Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Time Water Level Tomatical test of this well, and its compliance with all washington well construction of this well, and its compliance with all washington well construction reported above are true to my best knowledge and belief. KAME HAYES DRILLING, INC. (Person, firm, or corporation) (Type or print)	19) WELL TESTS: Drawdown is amount water level is	lowered below	WELL CONSTRUCTOR	CERTIFICATION .		
Yield: gal./min with ft. drawdown after hrs. and the information reported above are true to my best knowledge and belief. Recovery data Time Water Level Time Water Level Time Water Level (Person, firm, or corporation) (Type or print)	static lavel.		I constructed	and/or accept respo	ombligace with 9]	l
Recovery data Time Water Level Time Water Level Time Water Level Recovery data (Person, firm, or corporation) (Type or print)	Was a pump 185t made: Au 11 yes, by whom:	fter hrs.	i Machinatan Ma	ill construction stan	dards. materials	US90
Recovery data Time Water Level Time Water Level Time Water Level KAME HAYES DRILLING, INC. (Person, firm, or corporation) (Type or print)	14444 Several and 14444		and the infor	mation reported above the control of	e are true to my	DA2!
Time Water Level Time Water Level lime water Level AMRE AMIES DELICED, TICE, OF COrporation) (Type or print)	Connuary data					
faitonii ittu' or corborgerant fribe ar brinel	Time Water Level Time Water Level Time	e Water Level	HAME HAVES DRILL	ING, INC.	(Time or print)	
ADDRESS 556 FRSHIG RD. BON, NA			1		frihe ni hirinet	
			ADDRESS 556 ERSI	IIG RD. BON, NA		
Date of test gal/min. ft. drawdown after hrs. [SIGNED] License No. 1825	Date of test //	fter hre	ISTONEDI &	li	cense No. 1825	
DG 181 1836 SQL MAIN		. for I hrs.				
Artesian flow 9.0.8. Date touristics by paymenting the touristics	Artesian flow 9.0.0.	nare	! Contractor's	HAYFSOTIGAJS	Date 10/10/90	
A True of the a which the a which the artist and a management of the artist and a mana	Temperature of water Was a chemical and	STEETSTEETSTEETSTEE	interpretation of the state of			
Temperature of water Mas a chemical analysis made? NO : Registration No. HAYESDI106J5 Date 10/10/90	AND STREET ROTE AND ALL MARKS AND	*************				

1158

RECEIVED OCT 2 2 1990

DEPT. OF ECOLOGY

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

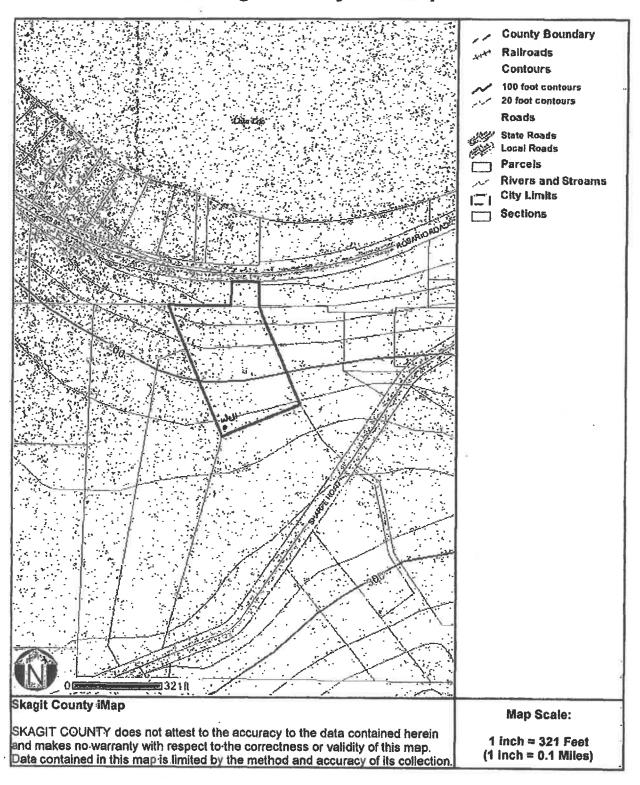
34-1E-11



Well Tagging Form

ECOLOGY Unique Well Tag No:	853
esta de la Respondición de la Re	
Well Report available (please attach this form to the well report and subm.	t it to the Ecology Regional Office again
Verification inconclusive	OCT: 1:7 2006
Well Report not available	DEPT. OF ECOLOGY
ewastawing and allegation of the	MWEILEREFORME
First Name: Michael 4 Sue-Ann Last Name: Gi	Ford
Street Address: 4929 Sharpe Road	
city: Anacontes State: Wash	
	M.WEURESHIE
Well Address: Same	
City: County:	
TN, RW.M. Sec	1/4 of the
TN. RW.M. Sec FOR AGENCY USE ONL	And the two part that the contract and any and amount and the contract and
	.Y GPS
FOR AGENCY USE ONL	Y
FOR AGENCY USE ONL	GPS Topographic Map
FOR AGENCY USE ONL	GPS Topographic Map Survey Computer generated Digital Altimeter
FOR AGENCY USE ONL Latitude " Longitude " Elevation at land surface	GPS Topographic Map Survey Computer generated Digital Altimeter Topographic Map
FOR AGENCY USE ONL Latitude " Longitude "	GPS Topographic Map Survey Computer generated Digital Altimeter

Skagit County GIS Map



The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 77995 (page 1 of 1)

MATER MEL STATE OF MA	REPORT Start Card #e. 075975 SMIRGTON Water Right Perbit No. 7111852 HOMPSON RD ANACORTES, WA 98221 RE 1/4 SE 1/4 Sec 11 7 34 M., R IE MM (10) MELL LOG
(1) OUNTR- Mana RRESEE, FRED Address 1296 T	HOMPSON RD ANACORTES, WA 98221-
(2) LOCATION OF WELL: County SKAGIT	- HE 1/4 SE 1/4 Sec 11 7 34 H., R LE HM
(2a) STREET ADDRESS OF MELL (or nearest address) 297 SHARPE RD	***************************************
(4) TYPE OF WORK: Owner's Number of well	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the agterial in each stratum penetrated, with
(4) TYPE OF WORK: Owner's Number of well (If more than one) NEW WELL Nethed: ROTARY (E) Ormanstone: Diamater of well 6 inches	at lasst one sorry for ased counts to intravious.
(5) DIMENSIONS: Diameter of well 6 inches Drilled 226 ft. Depth of completed well 222 ft.	
12 L ARBRANATAN ARTATIC:	RATERIAL TOPSOIL ROWN SANDY CLAY & LITTLE GRAVEL BROWN SAND & LITTLE GRAVEL BROWN FINE SAND & LITTLE GRAVEL BROWN FINE SAND GRAY FINE SAND GRAY FINE SAND GRAY SAND & NOOD - SEEPAGE GRAY CLAY GRAY GRAY CLAY GRAY GRAY CLAY
(6) CONSTRUCTION DETAILS: Casing installed: 6 Dia. from +3 ft. to 222 ft. MELDED Dia. from ft. to ft. Dia. from ft. to ft.	BROWN SANDY CLAY & LITTLE GRAVEL 23 34
WELDED Dia. from ft. to ft. Dia. from ft. to ft.	BRAM FINE SAND .
	BRUM FINE SAND BRAN FINE SAND GRAY FINE SAND GRAY SAND & MOOD - SEEPAGE GRAY CLAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY GRAY
Size of perforations in. by in.	GRAY SAND WOOD & WATER 63 69 81 GRAY CLAY & FINE SAND 69 81 GRAY CLAY 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Partorations: NO Type of perforator used Size of perforations in. by in. perforations from ft. to ft. perforations from ft. to ft. perforations from ft. to ft.	SARY CLAY SARY FIRE SAND A CLAY SARY FIRE SAND - BEEPAGE 92 100
Screens: XO	BOAY CLAY A SOME STIT 100 107
Hanufacturer's Hame Type	GRAY CLAY & SOME GRAVEL 189 195
Diam. slot size from ft. to ft. Diam. slot size from ft. to ft.	GRAY CLAY & FIRE SAND & CLAY GRAY FIRE SAND & CLAY GRAY FIRE SAND - SEEPAGE GRAY FIRE SAND - SEEPAGE GRAY CLAY & SOME SILT GRAY CLAY & SOME GRAVEL GRAY CLAY & SOME GRAVEL GRAY CLAY & SOME GRAVEL GRAY GRAYEL & WATER GRAY GRAVEL & CLAY GRAY GRAVEL & CLAY
Screens: NO Handfacturer's Hame Type Olan. slot size from ft. to ft. Olan. slot size from ft. to ft. Gravel packed: HO Gravel placed from ft. to ft. Surface seal: YES Ones translated for ft. Surface seal: YES Ones translated for ft.	SKNI GUNITE & OTUI
Gravel placed from ft. to ft.	
	s .
Naterial used in seal producting the same of the Did any strata contain unusable water? NO Type of water? No Depth of strata ft. Method of sealing strata off	

(7) PUNP: Manufacturer's Hame Type H.P.	
(a) MATER LEVELS: Land-surface elevation above mean sea level Static level 135 ft. below top of mell Date 09/19/90 Artesian Pressure lbs. per square inch Date	
Static level 135 ft. below top of well Date 09/19/90	
Artesian water controlled by	Work started 09/18/90 Completed 09/19/90
(9) WELL TESTS: Drawdown is amount water level is lowered below	HELL CANCIDISTAN CENTIFICATION.
Static 18761.	I constructed and/or accept responsibility for con- struction of this well, and its compliance with all
Yield: gal./sin with it. drawdown after hrs.	i and the information reported above all time to my bost
Recovery data	knowledge and belief.
Time Water Level Time Water Level Time Water Level	NAME HAYES DESILING, INC. (Parson, fira, or corporation) (Type or print)
	ADDRESS 556 ERSHEG AD. BON. NA
Date of test // ft. draudown after hrs.	
Air test 30 gal/min, w/ stem set at 220 ft. In Date Artesian flow 9.0-4.	Contractor's Registration Ro. RAYESDI106JS Date 10/10/90
Artesian flow 9-9-3. Temperature of water Was a chemical analysis made? NO	
	1158

OCT 2 2-1990
DEPT. OF ECOLOGY

W 064478

Start Card No. Unique Well I.D. # Water Right Permit No.

STATE OF NASHINGTON

1389 EAGLE CREST LAWE AMACORTES, WA 98221-Address (1) OWNER: Name INGSTAD, JEFF - BW 1/4 BW 1/4 (2) LOCATION OF WELL: County SEAGIT (2a) STREET ADDRESS OF MELL (or nearest address) 1389 EAGLE CREST LAME, AMACORTES (10) WELL LOG (3) PROPOSED USE: DOMESTIC -------Formation: Describe by color, character, size of material Owner's Number of well (4) TYPE OF WORK: and structure, and show thickness of aquifers and the kind (If more than one) and nature of the material in each stratum penetrated, with Hethod: ROTARY REN WELL at least one entry for each change in formation. Dismeter of wall 6 inches (5) DINUNBIONS: Depth of completed well 226 ft. HATERIAL Drilled 226 ft. 3 0 TOPSOIL 124 GRAY BAND & GRAVEL (6) CONSTRUCTION DETAILS: 124 175 BROWN CLAY ft. to 221 * Die. from 0 Casing installed: 175 206 BROWN SAND & CLAY ft. RECEIVED HELDED * Dia. from ft. to 208 20€ PINE SAND MATER ft. * Dia. from ft. to 258 220 BROWN CLAY WATER & SAMO 220 225 NOV 29 1995 Perforations: NO 226 231 BROWN CLAY Type of perforator used DAUE CLAY in. by in. SISS of perforations DEPT. OF ECOLOGY £t. perforations from ft. to ft. perforations from ft. to perforations from ft. to ft. Screens: YES Manufacturer's Name WELL LOCATED ACCORDING TO SKAGIT Hodel No. TELESCOPING Type STAINLESS STEEL COUNTY ORDINANCE # 12.48 from 221 ft. to 226 alot size # from ft. to slot size Diam. Size of gravel Gravel packed: NO ft. to ft. Gravel placed from _____ To what depth? 18 Surface enal: YES Material used in seal BESTOWITE Did any strate contain unusable water? NO Depth of strata Type of water? Nothed of sealing strata off (7) PUMP: Manufacturer's Name Type Land-surface elevation (9) WATER LEVELS: above mean sem level ... Static level 184 ft. below top of well Date 11/14/95 Artesian Pressure lbs. per square inch Date Artesian water controlled by Completed 11/14/95 Work started 11/10/95 · 我们还是我们的,我们就是我们的,我们就是我们的,我们们的,我们就是我们的,我们就会会会会的,我们就会会会会会会。 | WELL CONSTRUCTOR CERTIFICATION: (9) WELL TESTS: Drawdown is amount water level is lowered below I constructed and/or accept responsibility for constatic level. struction of this well, and its compliance with all If yes, by whom? Mas a pump test made? Washington well construction standards. Materials used ft. drawdown after Yield: gal./min with and the information reported above are true to my best knowledge and belief. Recovery data NAME DARLMAN PUMP & WELL DRIVE Water Level Time Water Level Time Water Level (Person, firm, or corporation) (Type or print) ADDRESS PO BOX 422, BURLINGTON, WA Date of test / / [SIGNED] Led Rubus. Licensa No. 0523 ft. drawdown after gal/min. 8 Bailer test ft. for 1 gal/min. w/ stem set at Date Artesian flow Registration No. DANLMPW123LC Date 11/15/95 Was a chemical analysis made? Temperature of water

79492

SC Well ID: 2979	DOE Well	ID:		Unique W	ell ID:	N	WIO!	0644	78	V	Vater Righ	t Permit
Owner												
Last Name First	Name Organiz	atio	n Road		•				City		State	Zip
Ingstad Jeff			1389 E	agle Crest	LN				Anaco	rtes	WA	9822
Location												
Parcel Road				City	Zip	Q2	Q	1	S	T	R	Elevatio
19147 1389 Eagle	Crest			Anacort	es 98221	SW	S	W	11	34	1	
Delegation												
Notified Inspector	Inspection Date		DEDate \$	SCHDDate	Seal Timing		Decom Vietho		ioned		Inspected	l Problem
Dimensions					Water 1	Level	S					
Dimensions Diameter	Dantk		C1-	الاستمالاتية				د ددهیت	a m. m	- 47-	Me	asured
T	Depth			tedDepth	Flow		iviea	sure	d By De	pın	Da	te
6	231		226						184		199	051114
Work												
Proposed Use	Work Type		Method		Owners Number	2 7 7 7	l	Star	ted		Comple	ted
Domestic	New Well		Rotary					1995	51110		1995111	4
Casing					Perfora	tion						
Connection Metho	d Diameter	Top)]	Bottom	Type	S	ize		Quantity	T	op :	Bottom
	6	0.	:	221								
Screens												
Manufacturer	Type		Model	Dia	meter	S	lotsize	.	Top		Bott	om
	stainless ste telescopi	eel-		6		8			221		226	
Pump					Gravel	Pack		-				
Manufacturer	Type		Horsepo	wer	Size			Top			Bottom	
Surface Seal					Unusab	le W	ater					
Depth	Seal		Method		Water 7			Dep	th		Method	
18	bentonite					71.0		24,	•••		nizocitou	
Temperature Read					Artesia	n Pre	SSHPP	_				
Temperature	Date Measure	d	Measur	ed Bv	Pressur		3541.0	Mes	sured Da	ate	Control	led By
						_						200 223
Well Tests	While James		Diamida	wn/Stemse	4 TT			36			Service	. Sa Santa a co
Type Air	Yield (gpm) 7.5		Drawgo	wn/Stemse				ivie	asured B	y	Measur	ed Date
	ردر				1							
Well Log		nr.		D-44-12	Driller	: 4 -		_	4.365			
Material		Top		Bottom	Contrac				ast Nam		First Name	1.000
top soil		0		124	Dahlma	n		K	tickers		Ted	0623
gray sand & gravel		3 124		124								
brown clay				175								
brown sand & clay		175		206	1							
fine sand & water		206		208								
brown clay		208		220								
water & sand		220	2	226	I							

Skagit Well Report				Page 2 of 2
T	226	221	y.	3/3
brown clay	226	231	1	1
blue clay	231		1	- 1
Well located according to S County ordinance #12.48.	Skagit			

Skagit County Well Report

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Permit No

WATER WELL REPORT

STATE OF WASHINGTON

01	-1111	000632
	Application No.	000602

(1) OWNER: Name Darryl Schuetz	Address 1311 Wildwood Anacortes Wa. 98221
(2) LOCATION OF WELL: County Skagit	
Bearing and distance from section or subdivision corner	
(3) PROPOSED USE: Domestic P industrial [] Municipal []	(10) WELL LOG:
Irrigation [] Text Well [] Other []	Formation: Describe by color, character, size of moterial and structure, and show thickness of aguifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
(4) TYPE OF WORK: timber's number of well	MATERIAL FROM TO
New well Method: Dug Deced D	Dirty Sand & Gravel 0 15
Reconditioned [Rotary D Jetted [Blue Clay 15 260
(5) DIMENSIONS: Diameter of well Conches. Orilled (1. Depth of completed well 24 ft.	Sand & Water & Clay 260 264 Blue Clay 264 280
(6) CONSTRUCTION DETAILS:	
Casing installed: 6 "Diam. from O n. 1257 n.	
Threaded Dism. from th. to	
Welded D " Diam. from ft. to ft.	
Perforations: Yes No the	
Type of perforator used.	
SIZE of perforations in. by in.	
perforations from	
perforations from	
Screens: Yes No /	
Menufacturer's Name 10/11/50/	
Diem. Stot size Trom 25/it. to 24.4 ft.	
Diam. Slot size from 20/11. to 25.2 11.	
manufacture in the second residue of the sec	
Gravel placed from	
Surface seal: Yes No D No What denuit At the Malerial used in seal	1
Ibil any strata contain unusable water? Yes No.	
Type of water? Depth of strate	araewich.
(7) PUMP: Manufacturer's Name	
1900:	DEC 2.0 198/
(8) WAILIN LEVELS: above mean sea level	7
Status level 130 It below top of well Date 12-3.0,	DEPARTMENT OF
reason water as controlled by.	
(449, 74774, 5577	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started. 11-30- 19.87, Completed 12-3- 19.87
Was a pump test mode? Yes [1] No [2] If yes, by whom? Yield gal man with it drawdown after his	WELL DRILLER'S STATEMENT:
18 19 19 19 19 19 19 19 19 19 19 19 19 19	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Hecovery data stone taken as zero when pump turned off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level	NAME DOUGHT FURD CONCAL DISTALLE THE THE
	Address P O Box 422 Burlington Wa. 98233
\$2 00 00 00 00 00 00 00 00 00 00 00 00 00	Middle 17: 1.
Register test 2 6P Wimin, with 125 st drawdown after	(Well Driller)
Artesian flow g p.m. Date Artesian flow Was a chemical analysis made? Yes () No	0623 12-9- 187

84310

SC Well ID: 2978	DOE Well	l 1D:	Unique We	ell ID:	N	OI .		V	ater Right	Permit#
Owner										
Last Name First	Name Organi:	zation Ros	ad				City		State	Zip
Madeja Sam		138	2 Eagle Crest I	.N			Anaco	ortes	WA	98221
Location										
Parcel Road			City	Zip	Q2	Q1	S	T	R	Elevation
19172 1382 Eagle	e Crest LN		Anacorto	es 98221	SW	SW	11	34	1	
Delegation										
Notified Inspecto	Inspection	DOEDa	te SCHDDate	Seal		ecommis	sioned		Inspected	Problems
	Date			Timing	IV.	lethod				
		1986020	7 19860328							
Dimensions				Water L	evels					_
Diameter	Depth	Com	pletedDepth	Flow		Measur	ed By De	pth	Mea Date	sured
6	179	179					14	6		50108
1873.					-		14		1700	50108
Work				Owners	Wall					
Proposed Use	Work Type	Met	hod	Number	11 611	Sta	rted		Complete	ed
Domestic	New Well	Rota	ry			198	60107		19860108	3
Casing				Perforat	ion					
Connection Meth	od Diameter	Тор	Bottom	Туре	Si	ze	Quantity	T	op E	lottom
	6	0	174						-	
Screens				~						
Manufacturer	Туре	Mod	el Dia	meter	SI	otsize	Тор		Botto	m
Pump				Gravel 1	ack					
Pump Manufacturer	Туре	Hors	sepower	Gravel I Size	ack	To	p		Bottom	
Manufacturer	Туре	Hors	sepower	Size			p		Bottom	
Manufacturer Surface Seal				Size Unusabl	e Wa	ter				
Manufacturer	Type Seal bentonite	Hors		Size	e Wa	ter	p pth		Bottom Method	
Manufacturer Surface Seal Depth 18	Seal bentonite			Size Unusabl Water T	e Wa 'ype	ter De				
Manufacturer Surface Seal Depth 18 Temperature Rea	Seal bentonite	Meti	hod	Size Unusabl	e Wa 'ype Pres	De ssure		ate	Method	ed By
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature	Seal bentonite	Meti		Size Unusabl Water T Artesiar	e Wa 'ype Pres	De ssure	pth	ate		ed By
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests	Seal bentonite ading Date Measure	Metl	hod sured By	Size Unusabl Water T Artesiar Pressure	e Wa 'ype Pres	ter De ssure Mo	pth easured D		Method Controll	
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type	Seal bentonite ading Date Measure Yield (gpm)	Metled Mea	hod	Size Unusabl Water T Artesiar Pressure	e Wa 'ype Pres	ter De ssure Mo	pth		Method	
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air	Seal bentonite ading Date Measure	Metl	hod sured By	Size Unusabl Water T Artesiar Pressure	e Wa 'ype Pres	ter De ssure Mo	pth easured D		Method Controll	
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log	Seal bentonite ading Date Measure Yield (gpm)	Met ed Mea Drav	nod sured By vdown/Stemse	Size Unusabl Water T Artesian Pressure t Hours Driller	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material	Seal bentonite ading Date Measure Yield (gpm)	Metaled Mea	nod sured By vdown/Stemse Bottom	Size Unusabl Water T Artesian Pressure t Hours Driller Contrace	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E Last Nan	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material top soil	Seal bentonite ading Date Measure Yield (gpm) 6	Metled Mea Drav 1.5 Top 0	nod sured By vdown/Stemse Bottom 2	Size Unusabl Water T Artesian Pressure t Hours Driller	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material top soil brown sand& grav	Seal bentonite ading Date Measure Yield (gpm) 6	Method Mea Drav 1.5 Top 0 2	nod sured By vdown/Stemse Bottom 2 38	Size Unusabl Water T Artesian Pressure t Hours Driller Contrace	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E Last Nan	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material top soil brown sand& grav brown clay & grav	Seal bentonite ading Date Measure Yield (gpm) 6	Metled Mea Drav 1.5 Top 0	nod sured By vdown/Stemse Bottom 2	Size Unusabl Water T Artesian Pressure t Hours Driller Contrace	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E Last Nan	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material top soil brown sand& grav brown clay & grav brown clay	Seal bentonite ading Date Measure Yield (gpm) 6	Methed Mea Drav 1.5 Top 0 2 38	nod sured By vdown/Stemse Bottom 2 38 104	Size Unusabl Water T Artesian Pressure t Hours Driller Contrace	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E Last Nan	ly	Method Controll Measure	d Date
Manufacturer Surface Seal Depth 18 Temperature Rea Temperature Well Tests Type Air Well Log Material top soil brown sand& grav brown clay & grav	Seal bentonite ading Date Measure Yield (gpm) 6	Methed Mea Drav 1.5 Top 0 2 38 104	sured By wdown/Stemse Bottom 2 38 104 115	Size Unusabl Water T Artesian Pressure t Hours Driller Contrace	e Wa 'ype Pres	ter De ssure Me	pth easured D easured E Last Nan	ly	Method Controll Measure	d Date

- P19	182	
74607 WATER WELL REPORT Start Card No.		
WATER WELL REPORTS Start Card No. STATE OF WASHINGTON Water Right Permit H	071973 D.	
(1) DWHER: Hane BERST, BARBARA Address 295 SHARPE ROAD AMACORTES, WA 98221-		
(2) LOCATION OF MELL: County SKAGIT - NN 1/4 NE 1/4 Sec 11 T 34 N., R 1E (2a) STREET ADDRESS OF MELL (or gearest address) 295 SHARPE ROAD	iii	
(3) PROPOSED USE: DOMESTIC (10) NELL LOG	- i i i i i i i i i i i i i i i i i i i	
[4] TYPE OF WORX: Owner's Humber of well Formation: Describe by color, character, size and structure, and show thickness of aquifers	and the	KT WA
net net in each stratum pe	netrateo,	MARB
(5) OINEWSIONS: Diameter of well 6 inches Orilled 235 ft. Depth of completed well 234 ft. TOPSOIL	FROM	10
16) CONSTRUCTION DETAILS: Casing installed: 6 Dia. from 2.5 ft. to 234 ft. WELDED To. from ft. to ft. WELDED TO. F.	65 70 73	65 70 73 90 93 172
MELDED Dia. from ft. to ft. GRAY CLAY & GRAYEL Dia. from ft. to ft. GRAY CLAY & GRAYEL GRAY CLAY & SAND	! 90	93 172
Type of perforator used	93 172 183	183 190
perforations from ft. to ft. GRAY CLAY	183 190 205 230	205 230
perforations from ft. to ft. GRAY GRAVEL & SAND & WATER	1 230	1
Screens: NO 1	1	1
Type Model No. Dian. slot size from ft. to ft. Dian. slot size from ft. to ft.		
Gravel packed: NO Size of gravel Gravel placed from ft. to ft.		1
Surface seal: YES To what depth? 18 ft. Material used in seal BENTONITE	Ì	
Type of water? Depth of strata ft.		
Wethod of sealing strata off	1	1
(7) PUMP: Manufacturer's Mame Type H.P.		
(8) WATER LEVELS: Land-surface elevation above mean sea level ft.		1
Static level 152 ft. below top of well Date 09/11/91 Artesian Pressure lbs. per square inch Date	1	1
Artesian water controlled by Hork started 09/10/91 Completed	09/11/91	i Tituliil
(9) WELL TESTS: Drawdown is amount water level is lowered below Static level. Static level. Static level. Static level. Static level. Struction of this well, and its compliance	y for con) -
Yield: gal/min with ft. drawdown after hrs. Mashington well construction standards.	naceriais	1126A
Recovery data knowledge and belief.		
Time Water Level Time Water Level lime water Level (Person, firm, or corporation) (Type	or print)	
Date of test / / License M	. 100°	
Bailer test gal/min. It. Grandown arter mrs. Intention of test 6 gal/min. m/ stem set at 231 ft. for 1 hrs.). 1825	
MATERIAL TO THE TOTAL CONTROL OF THE TOTAL CONTROL	09/24/91	1935

SC Well ID: 2914	DOE Wel	l ID:	Unique W	ell ID:	NO)I0719	73		Water Righ	t Permit#
Owner										
Last Name First	Name Organi	zation	Road				City	y	State	Zip
Berst Barba	ara		295 Sharpe RD				Ana	corte	s WA	9822
Location										
Parcel Road			City	Zip	Q2	Q1	S	T	R	Elevation
19182 295 Sharpe	e RD		Anacort	es 98221	NW	NE	11	34	1	
Dimensions				Water I	_evels					
Diameter	Depth	•	CompletedDepth	Flow		Measu	red By 1	Denth	1	asured
6	235		34	- 1,0 1,		1-10,000		-	Dat	-
								52	199	10911
Work				_						
Proposed Use	Work Type	I	Method	Owners Number		St	arted		Complet	ted
Domestic	New Well	ī	Rotary	Municiper		10	910910		1991091	1
	NOW WELL		Cotary	Perfora	A.T. i.e.	1.2	2210210		1991091	1
Casing Connection Methor	od Diameter	Тор	Bottom		tion Siz		Ourant	te	T 1	D = 44
Connection Metho	ou Diameter	2.5	234	Туре	512	æ	Quant	ity	Top 1	Bottom
Saurana .	0	2.3	234					-		
Screens Manufacturer	T	,	fedal Dis		01-	4-9	70.			
Mandiacturer	Туре		Model Dia	meter		tsize	То	p	Bott	oni
Pump				Gravel 1	Pack					
Manufacturer	Туре		Iorsepower	Size		T	ор		Bottom	
Goulds	submersible	0	.75							
Surface Seal				Unusab		er				
Depth	Seal	Ŋ	lethod	Water 1	ype	D	epth		Method	
18	bentonite									
Temperature Rea	_			Artesiai	Press	sure				
Temperature	Date Measure	ed N	leasured By	Pressur	е	M	leasured	Date	Control	ed By
Well Tests										
Туре	Yield (gpm)	ID.	rawdown/Stemse	t Hours		N	leasured	Ву	Measure	ed Date
Pump	10			1.5		Je	erry Bacu	S		
Air	6	2	31	1						
Well Log				Driller						
Material		Top	Bottom	Contrac	tor		Last Na	ıme	First Name	License
top soil		0	1	Hayes D	rilling		Hopke		Brannon	1825
brown clay & grave	el	1	65							
gray clay		65	70							
gray clay & gravel		70	73							
gray clay		73	90							
gray sand, wood, &	k water	90	93							
		93	172							
gray clay & sand gray clay		172	183							
		172 183 190	183 190 205							

brown clay & gravel	205	230	
gray gravel, sand, & water	230		

Skagit County Well Report

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WATER WELL REPORT STATE OF WASHINGTON

(1410
	34/01-11K
	Application No
	Permit No

(1) OWNER: Name Rumball	Address Sharpe Rd. Anacortes Co
(2) LOCATION OF WELL: County Skagit Bearing and distance from section or subdivision corner	- NU4 SE1, sec. 11 T34 N, B. L. W.M.
(3) PROPOSED USE: Domestic & Industrial Municipal []	(10) WELL LOG:
Irrigation [] Test Well [] Other []	The state of the s
	Formation: Describe by color, character, size of material and structure, and show shitness of aquifers and the kind and nature of the material in each stratum penetraled, with at least one entry for each change of formation.
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL FROM TO
New well (2) Method: Dug (2) Bored (3)	Topsoil 0 11
Deepened Cable Driven Reconditioned Reconditioned Retary Detted D	Brown clay 14 8
	Brown clay & sand 8 15
(5) DIMENSIONS: Diameter of well 6 inches. Drilled 346 it. Depth of completed well 346 it.	Brown gravel & sand & clay
Drilled	Brown dirty dry fine sand19 .76_
(6) CONSTRUCTION DETAILS:	Gray dirty seepage, fine sand 76 84
Casing installed: 6 Diam. from +2 n. to 338 n.	Gray gumbo clay
Threaded [] Dlam. from ft. to ft.	Gray clay and gravel, water - dirty 296 318
Welded M Diam. from the to a second fit.	Silty gray clay & seepage 318 328
Perforations: Yes [] No K	Fine gray sand & water 328
Type of perforator used	TARS EARY DOING to WAREL
SIZE of perforations in, by in, by	
perforations from	
perforations from	
Screens: Yes Ki No - Johnson Johnson	
Type Statinless Steel Model No.	
Diam. 6" Slot size 8 from 341 ft. to 346 ff.	
Diam Slot size from ft. to ft.	
Gravel packed: Yes [] No [X Size of gravel:	Appropriate Company of the second public of the sec
Gravel placed from	
Conference to the contract of	
Surface seal: Yes E No [] To what depth? 18	
Did any strata contain unusable water? Yes [] No []	
Type of water? Depth of strata Depth of	was a second of the second of
Method of sealing strata off	** ************************************
(7) PUMP: Manufacturer's Name	
туре: Н.Р.	
(8) WATER LEVELS: Land-surface elevation above mean sea level	1,000
Static level	1 1 1
Artesian pressure	
Artesian water is controlled by(Cap, valve, etc.)	A Designation of the second of
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	
## · · · · · · · · · · · · · · · · · ·	Work started
Was a pump test made? Yes No 6 If yes, hy whom?	WELL DRILLER'S STATEMENT:
14 19 19	This well was drilled under my jurisdiction and this report is
ay 40 56 59	true to the hest of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level	NAME Hayes Well Drilling & Pumps, Inc.
Time Water Level Time Water Level Time Water Level	(Person, firm, or corporation) (Type or print) 1413 Colony Rd. Bow
the contract of the contract o	Address 1413 Colony Rd. Bow
	THE STATE OF THE S
Date of test	[Signed] (Well Driller)
Baller test 1.0. gal/min. with. Z.O. st. drawdown after	762 1/19 87
Temperature of water Was a chemical analysis made? Yes [] No []	
	The state of the s