

## WATER WELL REPORT Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller **ECOLOGY Construction/Decommission** ("x" in circle) Construction Decommission ORIGINAL INSTALLATION Notice of Intent Number WE11324 PROPOSED USE: Domestic Municipal Industrial ☐ DeWater ☐ Irrigation ☐ Test Well Other **TYPE OF WORK:** Owner's number of well (if more than one) ☐ Reconditioned Method : ☐ Dug ☐ Bored ☐ Cable ☐ Rotary New well □ Driven ☐ Jetted □ Deepened Cable **DIMENSIONS:** Diameter of well $\underline{12}^{"}$ inches, drilled $\underline{800}$ ft. Depth of completed well 633ft. CONSTRUCTION DETAILS Casing ✓ Welded 12" Diam. from +2 ft. to 367.5 ft. Installed: Liner installed \_\_\_ " Diam. from \_\_\_ Diam. From Threaded ft. to Perforations: Yes No Type of perforator used \_\_ SIZE of perfs \_\_\_\_\_in. by \_\_\_\_\_ in. and no. of perfs \_\_\_ Screens: ⊠ Yes □ No □ K-Pac Location Manufacturer's Name Johnson Screen Type Wire-wrapped Model No. Diam. 8"Slot size 0.035 from 352 ft. to 357 ft. Diam. 8 Slot size 0.035 from 369 ft. to 437 ft.

Gravel/Filter packed: 

☐ Yes ☐ No Size of gravel/sand 10x20

WATER LEVELS: Land-surface elevation above mean sea level \_\_\_\_\_ ft.

WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Boart Longyear

Recovery data (time taken as zero when pump turned off) (water level measured from

Water Level

Time

Water Level

Yes

\_\_\_ Depth of strata \_\_\_

Surface Seal: 

✓ Yes 

✓ No To what depth? 327.7 ft.

Static level 102.5ft. below top of well Date 10/6/10

 Yield: 2100gal./min. with 82.2ft. drawdown after 73hrs.

 Yield: gal./min. with ft. drawdown after hrs.

 Yield: gal./min. with ft. drawdown after hrs.

Time

Bailer test \_\_\_\_gal./min. with \_\_\_ft. drawdown after \_\_\_hrs.

Airtest \_\_\_\_gal./min. with stem set at \_\_\_ft. for \_\_\_hrs.

Temperature of water 54 Was a chemical analysis made?  $\square$  Yes  $\square$  No

Artesian pressure N/A lbs. per square inch Date

Materials placed from 353 ft. to 633 ft.

Material used in seal Neat cement

Did any strata contain unusable water?

**PUMP:** Manufacturer's Name Goulds
Type: Lineshaft turbine H.P.

Artesian water is controlled by \_\_\_

well top to water level)

Water Level

Artesian flow g.p.m. Date \_\_\_\_

Time

Date of test

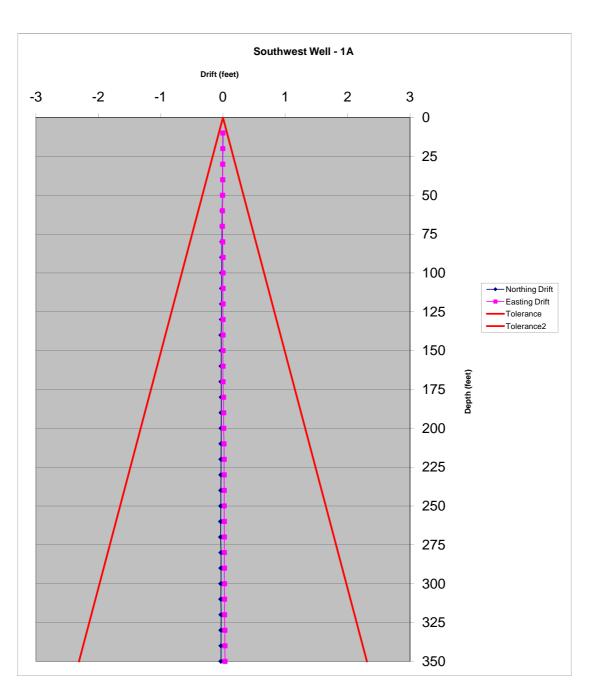
Type of water?

Method of sealing strata off

Unique Ecolog	y Well ID Tag N	No. ALM113		
	ermit No. <u>Applica</u>			d G2-298
	r Name City of Y			
	dress <u>Tahoma</u>			
-	C	-		
	4-1/4 <u>SE</u> 1/4 Se	ec <u>23</u> Twn <u>17</u>	R <u>1E</u> EW	/M ⊠
(s, t, r Still R	EQUIRED)			Or WWM □
Lat/Long	Lat Deg _	Lat M	in/Sec	_
	Long Deg	Long	Min/Sec	
Tax Parcel N	o. (Required)7			<del></del> "
	ONSTRUCTION O			
	ribe by color, charac terial in each stratum			
of information.	(USE ADDITIONAL	L SHEETS IF NE	CESSARY.)	i each chang
	MATERIAL		FROM	TO
Fine sand w/	some silt		0	25
	d, gravel, cobble	1	25	170
	d with grave/silt		170	219
	sand and wood		219	240
	n oxide stainin		240	300
Silty sand wit	th wood		300	370
Silty sand			370	400
Silt and clay Fine sand an	d cilt		400	453 470
Silt and clay,			453 470	485
Silty fine san	485	525		
Med to coars	525	552		
Silt with fine	552	610		
Fine to med	sand/gravel		610	630
Silt/clay with	wood		630	665
Fine to coars	e sand/gravel		665	675
Silt/clay			675	800
Start Date 4	1/27/10	_ Completed	d Date 10/8/1	0
			-	· <u> </u>

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.

construction standards. Materials used and the information reported above as	re true to my best knowledge and belief.			
☐ Driller ☐ Engineer ☐ Trainee Name (Print ) Duane Stevenson	Drilling Company Boart Longyear			
Driller/Engineer/Trainee Signature	Address 11277 SW Clay St, Suite A			
Driller or trainee License No. 2795	City, State, Zip Sherwood, OR 97140		,	,
IF TRAINEE: Driller's License No:	Contractor's			
Driller's Signature:	Registration No.	Date		



Notes:
Positive deflection indicates drift away listed compass direction
Negative deflection indicates drift towards from listed compass direction
Size of Casing = 12.75 in., OD, 12 in. ID. Size of Plummet = 11.75 in., OD
Height of Apex Above top of Well = 35 ft.

## Plumbness and Alignment - Southwest Well 1A Size of Casing = 12.00 in., ID; Size of Plummet = 11.75 in. OD Height of Apex Above Top of Well = 35.00 ft

Depth of Plummet Below Top	Horiz	ontal Deflec	tion of Plum	b Line		Calculated	Drift of We	II
of Well	(Inches)						ches)	
ft	North (in)	South (in)	East (in)	West (in)	North	South	East	West
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	-0.005	0.005	-0.010	0.010	-0.006	0.006	-0.013	0.013
20	-0.010	0.010	-0.020	0.020	-0.016	0.016	-0.031	0.031
30	-0.015	0.015	-0.020	0.020	-0.028	0.028	-0.037	0.037
40	-0.015	0.015	-0.020	0.020	-0.032	0.032	-0.043	0.043
50	-0.025	0.025	-0.030	0.030	-0.061	0.061	-0.073	0.073
60	-0.060	0.060	-0.035	0.035	-0.163	0.163	-0.095	0.095
70	-0.060	0.060	-0.035	0.035	-0.180	0.180	-0.105	0.105
80	-0.060	0.060	-0.015	0.015	-0.197	0.197	-0.049	0.049
90	-0.060	0.060	0.000	0.000	-0.214	0.214	0.000	0.000
100	-0.060	0.060	0.000	0.000	-0.231	0.231	0.000	0.000
110	-0.060	0.060	0.000	0.000	-0.249	0.249	0.000	0.000
120	-0.060	0.060	0.000	0.000	-0.266	0.266	0.000	0.000
130	-0.060	0.060	0.000	0.000	-0.283	0.283	0.000	0.000
140	-0.070	0.070	0.000	0.000	-0.350	0.350	0.000	0.000
150	-0.060	0.060	0.000	0.000	-0.317	0.317	0.000	0.000
160	-0.060	0.060	0.000	0.000	-0.334	0.334	0.000	0.000
170	-0.060	0.060	0.000	0.000	-0.351	0.351	0.000	0.000
180	-0.050	0.050	0.015	-0.015	-0.307	0.307	0.092	-0.092
190	-0.050	0.050	0.020	-0.020	-0.321	0.321	0.129	-0.129
200	-0.050	0.050	0.020	-0.020	-0.336	0.336	0.134	-0.134
210	-0.050	0.050	0.030	-0.030	-0.350	0.350	0.210	-0.210
220	-0.050	0.050	0.030	-0.030	-0.364	0.364	0.219	-0.219
230	-0.050	0.050	0.030	-0.030	-0.379	0.379	0.227	-0.227
240	-0.050	0.050	0.030	-0.030	-0.393	0.393	0.236	-0.236
250	-0.050	0.050	0.030	-0.030	-0.407	0.407	0.244	-0.244
260	-0.050	0.050	0.030	-0.030	-0.421	0.421	0.253	-0.253
270	-0.050	0.050	0.030	-0.030	-0.436	0.436	0.261	-0.261
280	-0.040	0.040	0.030	-0.030	-0.360	0.360	0.270	-0.270
290	-0.040	0.040	0.030	-0.030	-0.371	0.371	0.279	-0.279
300	-0.040	0.040	0.030	-0.030	-0.383	0.383	0.287	-0.287
310	-0.040	0.040	0.030	-0.030	-0.394	0.394	0.296	-0.296
320	-0.035	0.035	0.030	-0.030	-0.355	0.355	0.304	-0.304
330	-0.035	0.035	0.035	-0.035	-0.365	0.365	0.365	-0.365
340	-0.035	0.035	0.035	-0.035	-0.375	0.375	0.375	-0.375
350	-0.035	0.035	0.035	-0.035	-0.385	0.385	0.385	-0.385