

## MANUAL WATER LEVEL DATA

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**Robinson & Noble, Inc.**  
3011 South Huson Street, Suite A  
Tacoma, WA 98409  
253-475-7711

**PUMPING TEST DATA**

*24-hr TEST*

Page: 1 of         
Date: 9-18-13

Project: North Beach Water Dist. Project Number: 2755-001A  
Well: Wiegardt Well 1 Weather Conditions: Clear  
Static Water Level: 11.25 Measured By: DL Dow  
Stick Up: 2.55 Contractor: RN  
Reference Point: 1" Poly Tube Pump Type: Sub  
Measurement Device: Blow Tape Flow Meas. Method: 4x3 orifice

Time	Elapsed Time	Depth to Water	Drawdown	Flow Meas. Reading	Q (gpm)	Comments
0900	0	11.25	0	—		
	1	27.45				
	2	28.22			151	Clear No sand
	3	28.42				
	4	28.58				
	5	28.66				
	6	28.72				
	8	28.87				
	9	28.88				
0910	10	28.92				
	12	28.94				
	14	28.99				
	16	29.04				
	18	29.06				
	21	29.10				
	25	29.11				
0930	30	29.13				
	40	29.18				
	50	29.19				
1000	60	29.18			151	



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Page: 2 of         
Date: 9-18-13

Project: North Beach Water Project Number: 2755-001A  
Well: Wiegardt Well 1 Weather Conditions: 21°C  
Static Water Level: 11.25 Measured By: DL Dow  
Stick Up: 2.55 Contractor: Benson  
Reference Point: Top of 1" poly Pump Type: Sub  
Measurement Device: P-Tape Flow Meas. Method: 4 x 3

Time	Elapsed Time	Depth to Water	Drawdown	Flow Meas Reading	Q (gpm)	Comments
1015	75	29.20			151	
1030	90	29.20				
1040	100	29.18				
1100	120	29.20				
1200	180	29.20				
100	240	29.22				
200	300	29.23				
300	360	29.23				
400	420	29.23				
500	480	29.24				
600	540	29.26				
700	600	29.27				
8:00	660	29.29				
9:00	720	29.31				
10:00	780	29.30				
11:00	840	29.30				
12:00	900	29.30				
1:00	960	29.30				
2:00	1020	29.29				
3:00	1080	29.29				



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### PUMPING TEST DATA

*24-hr Test*

Page: 3 of 3  
Date: 9-18-13

Project: North Beach Water  
Well: Wiegardt Well 1  
Static Water Level: 11.25  
Stick Up: 2.55  
Reference Point: Top 1" Poly  
Measurement Device: B-Tape

Project Number: 2755-001A  
Weather Conditions: Clear  
Measured By: DL Dens  
Contractor: Bison  
Pump Type: Sub  
Flow Meas. Method: 4x7 orifice

Time	Elapsed Time	Depth to Water	Drawdown	Flow Meas Reading	Q (gpm)	Comments
4:00	1140	29.30				
5:00	1200	29.30				
6:00	1260	29.30				
7:00	1320	29.29				
8:00	1380	29.28			151	Temp 51°F
9:00	1440	29.26	18.01	Q/s = 8.3		Collect VQ Sample
	Recovery					
	1	12.96				
	2	12.95				
	3	12.04				
	4	11.90				
	5	11.80				
	6	11.71				
	7	11.65				
	8	11.58				
	10	11.50				
	12	11.44				
	14	11.40				
	16	11.36				
0920	20	11.30				

30 11.25  
1020 80 11.18



NO. 340-L510 DIETZGEN GRAPH PAPER

SEMI-LOGARITHMIC

5 CYCLES X 10 DIVISIONS PER INCH

EUGENE DIETZGEN CO.

MADE IN U. S. A.

9-18-19-2013

SWL = 11.25

North Bend Water

Weight 12.1

Q = 150 gpm

