

STATE OF OREGON
WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

(WELL I.D.)# L 77100
 (START CARD) # 173459

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number Dundee #1
 Name City of Dundee
 Address 620 SW Fifth Ave
 City Dundee State OR Zip 97115

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 810 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Material		Sacks or pounds	
Diameter	From To	From	To				
12"	0 220'	0	214	cement		79 (94#)	sacks
8"	220 854						

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from 820 ft. to 854 ft. Material cement
 Gravel placed from 810 ft. to 820 ft. Size of gravel 3/8

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>SEE</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>ATTACHE D SHEET</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
				<u>SEE</u>			<input type="checkbox"/>	<input type="checkbox"/>
				<u>ATTACHE D SHEET</u>			<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
	<u>SEE ATTACHED SHEET</u>		1 hr.

Temperature of water 60 F Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Yamhill Latitude _____ Longitude _____
 Township 3 S Range 3 W WM. _____
 Section 22 SW 1/4 SE 1/4 _____
 Tax Lot 2233.6 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 19321 Fairview Dr., Dundee OR 97115

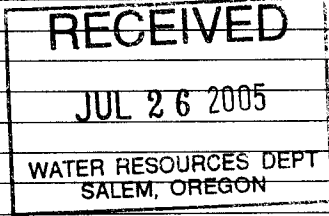
(10) STATIC WATER LEVEL:
75' ft. below land surface. Date 5/19/05
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
<u>SEE ATTACHED SHEET</u>			

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
SEE ATTACHED SOIL PROFILE SHEET			



Date started 04/18/05 Completed 06/23/05

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 1672
 Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 1523
 Date 7/22/05



Geo-Tech Explorations
 A Division of **Boart Longyear**
 19700 SW Teton Ave
 Tualatin, OR 97062
 503-692-6400
 503-692-4759 (fax)

Start Card: 173459
Well Label: L77100
Boring # : Dundee #1

Casing/Liner

Casing	Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8"	0	220'	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	210	240	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	260	310	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	350	395	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	455	500	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	540	575	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6"	595	790	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final Location of Shoe(s): _____

Perforations/Screens

Perforations Method Factory
 Screens Type _____ Material _____

Casing	Liner	From	To	Slot Size	Number	Diameter	Tele/Pipe Size
<input type="checkbox"/>	<input checked="" type="checkbox"/>	240	260	1/8 x 3	720	6"	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	310	350	1/8 x 3	1,440	6"	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	395	455	1/8 x 3	2,160	6"	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	500	540	1/8 x 3	1,440	6"	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	575	595	1/8 x 3	720	6"	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	790	810	1/8 x 3	720	6"	
<input type="checkbox"/>	<input type="checkbox"/>						

Well Tests:

Injection	Pump	Air	Yield GPM	Drawdown/Rise	Depth Tested	Time
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	264	70'		115 hrs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

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 WATER RESOURCES DEPT
 SALEM, OREGON

Water Bearing Zones:Depth at which water was first found 65 ft.

From	To	Estimated Flow / Specific Capacity	SWL 75
65	123	10	↓
125	149	10	↓
167	196	<5	↓
205	215	↓	↓
255	257	↓	↓
257	285	↓	↓
285	300	↓	↓
310	353	↓	↓
400	564	↓	↓
574	623	↓	↓
806	812	Total 500 gpm	↓

Soil Profile Continued from Log:

Material	From	To	SWL
	0	16	
Red brown clay	16	27	
Blue-gray clay – sandy	27	40	
Brown clay w/ sands and small gravels	40	65	
Claystone/sandstone – very weathered	65	77	
Weathered basalt – dark gray	77	90	
Fractured basalt – weathered	90	123	
Dark gray basalt	123	125	
Light gray basalt – medium	125	135	
Fractured basalt – light gray	135	149	
Very fractured basalt – gray / red	149	155	
Fractured claystone – light brown / tan	155	157	
Fractured claystone (sandy) – light gray	157	160	
Brown vesicular basalt – soft	160	167	
Light gray basalt – very fractured	167	196	
Light gray basalt – fractured w/ some reddish brown	196	205	
Gray basalt – medium	217	255	
Gray basalt w/ some small fractures (competent)	255	257	
Tan claystone	257	285	
Dark gray basalt w/ some fractures – medium	285	300	
Very fractured basalt – red/tan	300	310	
Gray basalt – medium	310	333	
Gray basalt – medium w/ streaks of light tan claystone	333	353	
Brown vesicular basalt	353	374	
Gray sandstone and basalt	374	378	
Weathered brown and black basalt	378	387	
Dark gray basalt	387	400	
Grey clay	400	405	
Brown and black basalt - weathered	405	412	
Weathered basalt – brown/black/red	412	414	
Vesicular rock – brown/black/red	414	420	
Weathered basalt – slightly vesicular	420	551	
Weathered basalt – brown/blue/gray	551	564	
Weathered basalt	564	572	
Black basalt – hard			

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SALEM, OREGON

