

# UMAT 55526

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

(WELL I.D.# L76997 (amended UMAT 55526))

(START CARD) # 174329 (amended 3/27/06)

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

**(1) OWNER:** Well Number 7H #2

Name Walla Walla Valley Appellation, LLC  
Address 1244 Forest Land  
City Walla Walla State WA Zip 99362

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

**(3) DRILL METHOD:**  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other reverse circulation

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

**(5) BORE HOLE CONSTRUCTION:**  
Special Construction approval  Yes  No Depth of Completed Well 1040 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
24"	0	20	Cement	0	20	26 sacks
20"	20	645	Cement	182	495	295 sacks
15"	645	1040				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

**(6) CASING/LINER:**

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing 20"	+1	180	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16"	0	645	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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:**

Perforations Method Factory Perfs  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
495	595	1/8x3	6080	16"	PS	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time
2000 gpm	83.25'	pump @ 515'	12 hrs

Temperature of water \_\_\_\_\_ 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 Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 5 N Range 35 E WM.  
Section 3 SE 1/4 NW 1/4  
Tax Lot 400 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 63501 Lower Dry Creek Rd., Milton Freewater, OR 97862

**(10) STATIC WATER LEVEL:**  
356.4 ft. below land surface Date 8-23-05  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

**(11) WATER BEARING ZONES:**  
Depth at which water was first found \_\_\_\_\_

From	To	Estimated Flow Rate	SWL
550	621	2000+	356.4
739	746	2000+	356.4
782	791	2000+	356.4
1000	1025	2000+	356.4

**(12) WELL LOG:**  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
See Attached Soil Profile Sheet			

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WATER RESOURCES DEPT  
SALEM, OREGON

Date started 5/10/05 Completed 8/23/05

**(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 1702  
Date 3/27/06

**(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 3/27/06

Amendment

UMAT 55526

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

(WELL I.D.)# L 176997 (Amended 1-24-06)
(START CARD) # 174329

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

(1) OWNER: Well Number 7H #2
Name Walla Walla Valley Appellation, LLC

Address 1244 Forest Land
City Walla Walla State WA Zip 99362

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

(3) DRILL METHOD:
[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger
[X] Other reverse circulation

(4) PROPOSED USE:
[ ] Domestic [ ] Community [ ] Industrial [X] Irrigation
[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval [X] Yes [ ] No Depth of Completed Well 1040 ft.
Explosives used [ ] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Rows for 24", 20", and 15" diameters.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour
[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian
Yield gal/min 2000 gpm Drawdown 83.25' Drill stem at pump @ 515' Time 12 hrs
Temperature of water 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 Umatilla Latitude Longitude
Township 5 N Range 35 E WM.
Section 3 SE 1/4 NW 1/4
Tax Lot 400 Lot Block Subdivision
Street Address of Well (or nearest address) 83501 Lower Dry Creek Rd.,
Milton Freewater, OR 97862

(10) STATIC WATER LEVEL:
356.4 ft. below land surface. Date 8-23-05
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Rows for 550-621, 739-746, 782-791, 1000-1025.

(12) WELL LOG: Ground Elevation
Table with columns: Material, From, To, SWL. Includes 'RECEIVED' stamp and 'See Attached Soil Profile Sheet'.

Date started 5/10/05 Completed 8/23/05
(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 1702 Date 9/26/05
(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 9/26/05

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

(WELL I.D.)# L L76997

(START CARD) # 174329

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City Walla Walla State WA Zip 99362

(2) TYPE OF WORK

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[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

[X] Other reverse circulation

(4) PROPOSED USE:

[ ] Domestic [ ] Community [ ] Industrial [X] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [X] Yes [ ] No Depth of Completed Well 1040 ft.

Explosives used [ ] Yes [X] No Type Amount

HOLE

SEAL

Table with columns: Diameter, From, To, Material, From, To, Sacks or pounds. Rows for 24", 20", and 15" diameters.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E

[ ] Other

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

[ ] Perforations Method

[ ] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row: 2000 gpm, 83.25', pump @ 515', 12 hrs.

Temperature of water 61 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 Umatilla Latitude Longitude

Township 6 N Range 35 E WM.

Section 33 SW 1/4 NE 1/4

Tax Lot 400 Lot Block Subdivision

Street Address of Well (or nearest address) 83501 Lower Dry Creek Rd.,

Milton Freewater, OR 97862

(10) STATIC WATER LEVEL:

356.4 ft. below land surface. Date 8-23-05

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

Table with columns: From, To, Estimated Flow Rate, SWL. Rows for 550, 739, 782, 1000.

(12) WELL LOG:

Ground Elevation

Table with columns: Material, From, To, SWL. Includes 'See Attached Soil Profile Sheet' and 'RECEIVED' stamps.

Date started 5/10/05

Completed 8/23/05

(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.

Signed [Signature] WWC Number 1702 Date 9/26/05

(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.

Signed [Signature] WWC Number 1523 Date 9/26/05

UMAT 55526



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

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SALEM, OREGON

Start Card: 174329  
Well Label: L76997  
Boring #: 7H #2

**Soil Profile Continued from Log:**

Material	From	To	SWL
Soil	0	12	
Weathered brown basalt	12	209	
Black w/ brown weathered basalt	209	242	
Black basalt	242	370	
Black w/ blue claystone	370	385	
Black basalt	385	550	
Fractured black basalt	550	621	
Fractured brown basalt	621	625	
Black basalt	625	661	
Black vesicular basalt	661	672	
Fractured black basalt	672	725	
Fractured black basalt w/ some gravel	725	739	
Black vesicular basalt	739	746	
Black basalt	746	782	
Black vesicular basalt	782	791	
Black basalt	791	820	
Black basalt	820	846	
Black basalt - fracture, hard	846	856	
Fractured gray basalt - hard	856	870	
Gray basalt - vesicular	870	876	
Black basalt - vesicular	876	880	
Gray basalt - hard	880	896	
Black and brown basalt - vesicular	896	904	
Gray basalt - hard	904	907	
Fractured black basalt	907	911	
Fractured gray basalt	911	915	
Black basalt - medium	915	918	
Black basalt - vesicular	918	919	
Black & gray basalt w/ clay	919	921	
Sandstone - black w/ some brown fractured basalt	921	926	
Black & gray basalt w/ some green seams - hard	926	930	
Black & gray fractured basalt	930	944	
Black basalt - vesicular w/ some gray basalt	944	970	
Black basalt - fractured	970	980	
Black basalt - fractured w/ some green	980	985	
Black & gray weathered basalt	985	990	
Gray basalt - hard; fractured	990	999	
Black & gray fractured basalt	999	1000	
Black & gray fractured basalt - green seams; vesicular	1000	1025	
Black basalt	1025	1040	

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OCT 04 2005

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SALEM, OREGON