



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer St NE, Suite A
Salem, OR 97301
Phone (503) 986-0900
Fax (503) 986-0904
www.wrd.state.or.us

August 11, 2015

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Right Services Division has received your application for an extension of time for **APPLICATION FILE #: G-17265 (Permit G-16793)**. Your application will be reviewed in the future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

You may continue the use of water under your water right until the Water Resources Department formally takes action on your extension application. If your permit includes conditions, water use reporting, water level measurement reporting, etc., you are required to comply with the conditions.

Any additional development that occurs after the expired completion date, identified on the permit or an extension order, can only be claimed upon an approved extension application.

If you have questions concerning your extension of time application, please contact Machel Bamberger at (503) 986-0802. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's website at: www.wrd.state.or.us.



Extension PFO Checklist for Other than Muni or Quasi-Municipal

Water Use Permits

(OAR 690-315-0010 through OAR 690-315-0060)

Application: G-17205 Permit: G-16793 Permit Amendment? No Yes T- pending approved

Permit Holder's Name: Brand Brad and Connie Mastre

Permit Holder's Mailing Address: _____ email _____

68174 S. HANEY RD
BURNS OR 97720

Phone Number: _____

POD Location: Township _____ Range _____ Section _____ 1/4 _____

Drainage Basin: 12 County: Harney
Mail News Lark

Watermaster District: 10 Watermaster: JR

Date Permit was issued: Sept. 9, 2010 Priority Date: Sept 21, 2009 Date of PN: 8-18-15

Source: well 1 and well 2 in nine mile slough Basin

Use: IR 320.0 A

"Q": 5.33 cfs

Orig "A" Date: _____

Orig "B" Date: 10/1/ ^{Sept 9, 2015}

Orig "C" Date: 10/1/ ^{Sept 9, 2015}

Extension request rec'd: 8-10-15

Last Authorized "B" Date: 10/1/

Last Authorized "C" Date: 10/1/

Request Number (1, 2, 3...): 1st Proposed "B" Date: 10/1/2020

Proposed C Date: 10/1/2020

Conditions of Permit:

Condition Met?	Condition Not Met?	Permit Condition
<input type="checkbox"/>	<input checked="" type="checkbox"/>	totalizing flow meter HAR 51972
<input type="checkbox"/>	<input type="checkbox"/>	water usage well 1 6-15-2012 - July 1st 2015
<input type="checkbox"/>	<input type="checkbox"/>	March SWL initial
<input type="checkbox"/>	<input type="checkbox"/>	Annual March SWL
<input type="checkbox"/>	<input type="checkbox"/>	

Factors to consider in determining "Reasonable Diligence" [OAR 690-315-0040(3)]:

Yes No

- Work was accomplished within the time allowed in the permit or previous extension
- Water right permit holder conformed with the permit or previous extension conditions
- Financial investments were made toward developing the beneficial water use.
 - Amount Invested to date: \$ 159,477 Estimated Remaining Cost: \$ _____

- Beneficial use made of the water during the permit or previous extension time limits

- Permit holder has beneficially used 900 cfs gpm af of the total permitted quantity of water on 240 acres
2.0 cfs

GW REVIEW: Y N _____

MITIGATION REVIEW: Y N _____

Has the applicant pursued perfection of the right in good faith and with reasonable diligence? Yes No

6-17265

Print Report



**Oregon Water Resources Department
Attribute Report**

Report Date: Aug 10, 2015

General:

TRSQQ:	WM23.00S32.00E36SESW
DLC:	-
Latitude:	43.5288069526
Longitude:	-118.8323544918
Buffer (ft):	1
Elevation (ft):	4120
Basin Name:	Malheur Lake
County:	Harney
WM District:	10
WM Region:	EASTERN
ODFW Region, District:	High Desert, Southeast District
Irrigation District AOI:	-
Irrigation District, Other:	-
Dams (Permit):	-
Water Rights:	<u>Platcard for WM23.00S32.00E36</u>
Well Logs:	<u>Logs for WM23.00S32.00E36</u>

Rules:

Withdrawn Authority:	-
Groundwater Retriected:	-
GW Retriected Subunit:	-
GW ODEQ Management Area:	-
GW Umatilla Muni Wells (5mile):	-
Rule 4D:	-
	STATEWIDE, North Basin, Redband Trout

OWRD Regions. Oregon Water Resources Department. January 1, 1995.

ODFW Districts and Regions. Oregon Department of Fish and Wildlife. August 28, 2012.

Water Organizations Oregon Water Resources Department. April 1, 2013. 1:24,000.

Large Dams Inventory. Oregon Water Resources Department. August 12, 2014. 1:24,000.

Rules

Withdrawn Authority Areas. Oregon Water Resources Commission. January 1, 2007.

OWRD Groundwater Restricted Areas. Oregon Water Resources Department. April 1, 2009.

OWRD Groundwater Restricted Areas - Subunits. Oregon Water Resources Department. April 1, 2009.

ODEQ Groundwater Management Areas (GWMAs). Oregon Department of Environmental Quality. April 21, 2008.

Groundwater Umatilla Municipal Wells 5-mile buffer. Oregon Water Resources Department. June 28, 2012.

National Marine Fisheries Service (NMFS) 4(d) Rule. National Marine Fisheries Service. January 1, 2007.

OAR Chapter 690, Division 33 - HUC 10 . Oregon Department of Fish & Wildlife. January 1, 2003.

Oregon Water Quality Assessment 2010. This data set was assembled by the Oregon Department of Environmental Quality, Water Quality Division, Standards and Assessments Section. GIS data prepared by the Watershed Management Section, Drinking Water Program.. August 16, 2013.

Deschutes USGS Groundwater Study Area. Water Resources Commission, U.S. Geological Survey (USGS) Water Resources Division (Portland, OR), Oregon Water Resources Department.. January 1, 2001. 1:100,000.

Deschutes Zones of Impact. Oregon Water Resources Department.. October 25, 2007.

Deschutes Zones Overlay. Oregon Water Resources Department. October 25, 2007.

Oregon State Scenic Waterway areas. Oregon Water Resources Department, Oregon Parks and Recreation Department.. January 1, 2007.

STATE OF OREGON
WATER SUPPLY WELL REPORT

(ORS 537.765 & OAR 690-205-0210)

HARN 51972

WELL LABEL # L U11119
START CARD # 208466
ORIGINAL LOG # _____

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

(1) LANDOWNER Owner Well I.D. _____
First Name Bradley M Last Name Mastre
Company Connie J Mastre
Address 68174 South Harney Rd
City Burns State OR Zip 97720

(2) TYPE OF WORK New Conversion Deepening
 Alteration (complete Sections 2a & 10) Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth _____ ft.
Seal Material _____
Casing Type: Steel Plastic Other _____
Casing Gauge _____ Casing Diameter _____

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

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/Commercial Livestock Dewatering Injection
 Thermal Other _____

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 288 ft. Special Standard: Yes (attach copy)

BORE HOLE			SEAL				
Dia	From	To	Material	From	To	Amount	Scks/lbs
18"	0'	20'	bentonite	0'	20'	2,450 lb	49/50
14"	20'	288'					

How was seal placed: Method A B C D E
 Other poured dry bentonite from surface
Backfill placed from 0 ft. to 20 ft. Material bentonite
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:
Calculated Amount Proposed to be Used: _____ sacks/lbs
Actual Amount Used: _____ sacks/lbs

(6) CASING/LINER

Csng	Lnr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		14"		+15'	275.5'	.25"	X		X	

Shoe Inside Outside Other Location of shoe(s) bottom 276'
Temporary casing Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method torch
Screens Type _____ Material _____

Perf	Scrn	Csng	Lnr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size
X		X			235.5'	275.5'	3/16"	4"	1,716	

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 900 Drawdown 110 ft. Drill stem/Pump depth 160' Duration (hr) 12 hr
Temperature 68 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS _____ ppm
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)
County Harney Twp 23 N or S Range 32 E or W W.M.
Sec 36 S.E. 1/4 of the S.E. 1/4 Tax Lot 700
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
Street Address of Well (or nearest address) same as owner

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration	Date	SWL (psi)	+	SWL (ft)
Completed Well	<u>July 1st, 2013</u>			<u>20 ft</u>

Flowing Artesian? Yes Dry Hole? Yes
WATER BEARING ZONES Depth water was first found 40'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>6-25-12</u>	<u>40'</u>	<u>45'</u>	<u>15 g.</u>			<u>20'</u>
<u>8-5-12</u>	<u>45'</u>	<u>248'</u>	<u>100 g.</u>			<u>20'</u>
<u>4-1-13</u>	<u>248'</u>	<u>288'</u>	<u>900 g.</u>			<u>20'</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
TOP SOIL	0'	3'
sandy loam	3'	20'
sandy gray clay	20'	40'
sandy gravel	40'	45'
sandy blue-green clay	45'	246'
sandy yellow clay	246'	248'
sandy gravel	248'	288'

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Date Started June 15th, 2012 Completed July 1st, 2013

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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.
License Number _____ Date _____
Signed _____

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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.
License Number PI4922 Date 9-3-2013
Signed Bradley M. Mastre
Contact Info. (optional) landowner



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301
 (503) 986-0900
 www.wrd.state.or.us

Application for Extension of Time for a Water Right Permit
 (Non-Municipal / Non-Quasi-municipal Water Use)

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

I, Brad and Connie Mastre
 NAME OF PERMIT HOLDER [OAR 690-315-0020(1) and (3)(a)]

the holder of: Application Number 6-17265 Permit Number 6-16793 [OAR 690-315-0020(3)(b)]

***A separate application must be submitted for each permit as per OAR 690-315-0020(2). ***

68174 S. Harney Rd.
 MAILING ADDRESS

Burns, OR. 97720
 CITY, STATE, ZIP

541-493-2373
 PHONE

bradmastresaddlery@gmail.com
 E-MAIL ADDRESS

X **do hereby request that** the time to apply water to full beneficial use under the terms and conditions of the permit, which now expires on Month 9 Day 9 Year 2015, be extended to October 30, Year 2020.

Please Note. If the permit **does** specify a date when **construction** must be **completed**, you should request to extend both the time to apply water to full beneficial use **and** to complete construction. These dates are typically found on the permit above the signature of the Director.

and

do hereby request that the time to complete construction of the water system, which now expires on Month 9 Day 9 Year 2015, be extended to October 30, Year 2020

Sign after completing the entire application, questions 1-11.

I am the permit holder, or have attached to this application written authorization from the permit holder, to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for OWRD to suspend processing of the request and/or reason to deny the extension. I have completed the entire application.

Bradley M. Mastre
 Signature

8-6-2015
 Date

Printed Name/Title Bradley M. Mastre owner

MAIL COMPLETED and SIGNED APPLICATION with the \$575 STATUTORY FEE TO:

Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301

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Submit the following items with your Application for Extension of Time:

- **The signed and completed Application for Extension of Time.**
- **\$575 check to OWRD or Oregon Water Resources Department**
- **All supporting documentation and/or evidence referenced in the application.**

Reference materials needed to complete this Application:

- **Water right permit.** A copy of the water right permit can be downloaded from the Department's Website at <http://www.wrd.state.or.us> (using the link to the Water Rights Information System (WRIS)). A copy of the permit may be requested from the Water Rights Division at 503-986-0801 (copy fees will apply).
- **Documentation** which demonstrates compliance with permit conditions (for example, well construction logs; static water level measurement reports; annual water use reports; ODFW fish screen certification; a plan to monitor the effect of water use on ground water aquifers utilized under the permit; etc.).

Helpful information for completing this Application:

- Permit holders of **municipal or quasi-municipal water use permits DO NOT use this form.** The form *Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits* is at the following link: <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml#other>
- Request the reasonable amount of time necessary to fully complete construction of the water project and/or to fully use the permitted quantity of water under the permit terms & conditions.
- The attached *Instructions for Completing an Application for Extension of Time for a Water Right Permit* will help you answer each question on the application. If, after reading the instructions, you need assistance, please call the Extensions Specialist at 503-986-0900.
- Permit extensions are evaluated under OAR Chapter 690, Division 315, which may be viewed at: <http://www.wrd.state.or.us/OWRD/LAW/index.shtml>. Please note that OWRD may require additional information, if necessary, to evaluate the application per OAR 315-0020(3)(n).
- OWRD will review applications received for completeness and will return incomplete or deficient applications per OAR 690-315-0040(1)(a) to the applicant.

Questions to Complete this Application for Extension of Time

Please see the instruction sheet to help you answers these questions.

[OAR 690-315-0020(3)(d)]

1. Did the "actual construction" of the water system/well drilling begin within the time specified in the permit? Yes No N/A, if not specified in this permit

Date "actual construction" began is: 4-5-2012

Describe details of construction: drilled well #1, installed 2640 ft. of 10" PVC pipe and 1320' of 8" PVC pipe, installed (2) Zimmatic center pivots, installed pump, electrical panel and wire

[OAR 690-315-0020(3)(e)(A)]

- 2-A. Please Describe how you have complied with each standard and special condition in the original permit [and, if applicable, conditions contained in any order approving a permit amendment and/or order approving a prior extension of time].

TIP: The instruction sheet explains which typical conditions must be addressed here.

Condition Number: Hand-number each condition on a copy of your permit (and, if applicable, any permit amendment and/or prior extension). Include a copy of your hand-numbered permit.

CHART-A

Condition Number	Date Satisfied	Describe How Permit Condition Has Been Satisfied
#2		I have completed reports using pump flow rate and kWh used
#3		In compliance (records are recorded online)
#4		In compliance (on your website)

- 2-B. If you have NOT complied with all applicable conditions, explain the reasons why and indicate with a date certain (in the near future) when compliance will occur.

CHART-B

Condition Number	Date Will Comply	Explain Why Each Permit Condition Has NOT Been Satisfied
#1	12-31-2016	Due to extreme amounts of sand and gravel being pumped with water, we were told flow meter would not be accurate and would not work long, water is clearing up, and meter will be installed when possible

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[OAR 690-315-0020(3)(e)]

3-A. Provide evidence of physical progress made toward completion of the water system and progress toward making beneficial use of water within the original permitted time period.

CHART-C (below) must be completed for all Application for Extension of Time requests. *Use chronological order.*

CHART-C

DATE	LIST & DESCRIBE WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED	COST*
	None	
DATE	LIST & DESCRIBE WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE FOR COMPLETE APPLICATION OF WATER	COST*
9-9-2010	Date the permit was signed - find date above signature on last page of permit.	
7-1-2013	Completed drilling and test pumping of well #1	35,073.
6-1-2013	installed 2640' of 10" PVC pipe, and 1320' of 8" PVC pipe	21,183.
	Date the permit specified "Actual Construction Work" shall begin ("A-Date") -not all permits contain this date.	
	installed 3960' of electrical conduit and wire, elec. panel	23,410.
	installed (2) Zimmatic center pivots	48,900.
	installed pump, electric motor, sand filter, and pivot tie-ins	21,911.
11-1-2013	additional labor, tools, misc. expense	9,000.
9-9-2015	Date the permit specified complete application of water to the use shall be made ("C-Date") - all permits contain this date.	
DATE	LIST & DESCRIBE WORK ACCOMPLISHED AFTER DATE FOR COMPLETE APPLICATION OF WATER UP TO NOW Complete if this is your first request for extension of time.	COST*
*Total Cost for Chart-C		\$ 159,477.00

*** If exact cost is not known, please provide your best estimate.**

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IF this is your first Application for an Extension of Time, write NA in Chart D below and proceed to question 4 at the bottom of this page.

3-B) Provide evidence of physical progress made toward completion of the water system and progress toward making beneficial use of water within the most recent extension period.

If this **is not** your 1st Application for Extension of Time request, fill out CHART-D below in addition to CHART-C above. *Use chronological order.*

CHART-D

DATE	LIST AND DESCRIBE WORK ACCOMPLISHED <u>DURING</u> THE LAST EXTENSION PERIOD	COST*
	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	NA	
	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	
DATE	LIST AND DESCRIBE WORK ACCOMPLISHED <u>AFTER</u> THE LAST EXPIRED EXTENSION PERIOD UP TO NOW	COST*
Total Cost of Chart-D		

*** If exact cost is not known, please provide your best estimate.**

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4. [OAR 690-315-0020(3)(f)]
Cost of project to date: \$ 159,477.00
 (The total combined cost from CHART-C and CHART-D)

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5. Provide evidence of the maximum rate (or duty, if applicable) of water actually diverted for beneficial use under this permit and/or prior extensions of time (if any) made to date.

TIP: Report the rate used to date in the same units of measurement as specified in the permit. Unless full beneficial use has been made, this rate will be less than the rate authorized on the permit.

5-A) For Surface Water Permit Extensions (e.g. S-XXXX or R-XXXX):

Maximum measured rate used to date = _____ cfs (cubic feet per second)

or

Maximum measured rate used to date = ~~800~~ 900 gpm (gallons per minute)

or

Acre-feet stored to date = _____ AF

5-B) For Ground Water Permit Extensions (e.g. G-XXXX):

TIP: Include information from ALL wells that pertain to this permit including wells not currently being used.

CHART-E

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See 5-C below)	Maximum measured rate used from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under any OTHER water rights?	If yes, provide the Permit, Certificate, or Transfer No.
# 1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—	# L11119	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	900 gpm	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	- -
# 2		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	- -
		Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	- -
		Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	- -
Total measured rate from all wells utilized under this permit								

5-C) If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location. Has or will a Permit Amendment Application been/be filed? Yes No

If a Permit Amendment Application has been filed: Transfer No. T- RECEIVED BY OWRD

Well # _____: Actual location: _____

Well # _____: Actual location: _____

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[OAR 690-315-0020(3)(e)(C)]

6. Provide the total number of acres actually irrigated to date under this permit (if any).

Surface Water Permits: I have applied water to _____ acres for irrigation to date.

Ground Water Permits: I have applied water to 260 acres for irrigation to date.

Please specify which wells are being utilized for this irrigation.

Well # 1 Acres 260 Well # _____ Acres _____

Well # _____ Acres _____ Well # _____ Acres _____

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[OAR 690-315-0020(3)(j)]

7. Provide a summary of future plans and a schedule to complete construction of the water system, and/or apply water to full beneficial use under the permit terms and conditions.

CHART-F

APPROXIMATE DATE RANGE (projected)	LIST & DESCRIBE WORK TO BE ACCOMPLISHED TO COMPLETE WATER DEVELOPMENT (projected)	ESTIMATED COST (projected)
Sept. 2015	Drill well #2	\$ 25,000.
Oct. 2015	test pump well #2	2,500.
Nov. 2015	install pump, motor, electrical panel	30,000.
Nov. 2015 - Dec. 2016	install flow meters on well #1 and #2	3,000.
Nov. 2015	install 300' of 10" PVC pipe	1,500.
Jan. 2016 - Oct. 2020	install corner watering system	20,000.
Year:	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
8.	Estimated remaining total cost to complete the water development: [OAR 690-315-0020(3)(g)]	\$ 109,500.

[OAR 690-315-0020(3)(h)]

9. Describe the reasons why the water development was not constructed, and/or water was not beneficially used within permit time limits. Provide supporting information for the reason(s) that best fits your circumstances (A, B, C or D).

9-A) Is the project of a size and scope that was originally planned to be phased in over a time frame longer than the one allowed in the permit? If yes, describe.

yes

We had planned and hoped to have completed the project within the 5 yr. permit, but due to financial resources and waiting on a well driller we were not able to do so.

9-B) Did the financial resources needed to develop the project preclude completion of the project within authorized time frames? If yes, describe.

yes We just recently obtained funding for the second well.

9-C) Did good faith attempts to comply with other agency permit conditions and/or acquire permits from other agencies, or otherwise comply with government regulations, delay completion of the project? If yes, describe.

no

9-D) Have other unforeseen events delayed full development of the water system and use of water within the authorized time frames? If yes, describe.

yes We have been waiting approximately 10 months for a drilling company to drill well #2

[OAR 690-315-0020(3)(k)]

10. **Justify the time requested to complete the project and/or apply the water to full beneficial use.** Your justification should combine information from your answers from Questions 2-B, 7, 8, and 9 of this Application for Extension of Time. Include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.

— I have recently contacted the well driller, and he has inspected the well site, to apply for the well start card, and he is planning to drill within the month of August 2015, so the completion of the 2nd well, hopefully will provide the water needed to complete the project.

11. **Provide any other information you wish OWRD to consider while evaluating your Application for Extension of Time.**

— If more information is needed please call me, Brad Mastre at 541-493-2373

Thank you for submitting a complete and accurate application. Remember to sign the front page. If you have questions or need assistance, please ask to speak with the Department's Extension Specialist by calling 503-986-0900 during business hours.

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INSTRUCTIONS FOLLOW ON NEXT PAGE

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SALEM, OR

**STATE OF OREGON
WATER SUPPLY WELL REPORT**

(ORS 537.765 & OAR 690-205-0210)

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

WELL LABEL # L 11119
START CARD # 2082166
ORIGINAL LOG # _____

(1) LANDOWNER Owner Well I.D. _____
First Name Bradley M Last Name Wentz
Company Coastal Waste
Address 65174 South Warner Rd
City Burns State OR Zip 97730

(2) TYPE OF WORK New Conversion Deepening
 Alteration (complete Sections 2a & 10) Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth _____ ft.
Seal Material _____
Casing Type: Steel Plastic Other _____
Casing Gauge _____ Casing Diameter _____

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

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/Commercial Livestock Dewatering Injection
 Thermal Other _____

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 288 ft. Special Standard: Yes (attach copy)

BORE HOLE			SEAL			
Dia	From	To	Material	From	To	Amount Scks/lbs
18"	0'	20'	bentonite	0'	20'	2195.5 49/50
14"	20'	288'				

How was seal placed: Method A B C D E
 Other powder dry bentonite slip surface
Backfill placed from 0 ft. to 20 ft. Material bentonite
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:
Calculated Amount Proposed to be Used: _____ sacks/lbs
Actual Amount Used: _____ sacks/lbs

(6) CASING/LINER

Csng	Liner	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		14"		+15'	275.5'	.25"	X		X	

Shoe Inside Outside Other Location of shoe(s) bottom 276'
Temporary casing Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method torch
Screens Type _____ Material _____

Perf	Scrn	Csng	Liner	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size
X		X	X		235.5'	275.5'	3/16"	48"	1716	

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 900 Drawdown 110 ft Drill stem/Pump depth 160' Duration (hr) 12 hr
Temperature 68 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS _____ ppm
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)
County Warner Twp 23 N or S Range 32 E or W W.M.
Sec 36 S.E. 1/4 of the 36 1/4 Tax Lot 700
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
Street Address of Well (or nearest address) same as owner

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL (ft)
Existing Well/Pre-Alteration				
Completed Well	<u>July 1st 2013</u>			<u>20 ft</u>

Flowing Artesian? Yes Dry Hole? Yes

WATER BEARING ZONES Depth water was first found 40'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>7-27-13</u>	<u>40'</u>	<u>45'</u>	<u>1.22</u>			<u>20'</u>
<u>8-5-13</u>	<u>40'</u>	<u>218'</u>	<u>100 gpm</u>			<u>218'</u>
<u>4-1-13</u>	<u>248'</u>	<u>265'</u>	<u>900 gpm</u>			<u>20'</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
<u>Top soil</u>	<u>0'</u>	<u>3'</u>
<u>Sand loam</u>	<u>3'</u>	<u>20'</u>
<u>Sandy claystone</u>	<u>20'</u>	<u>40'</u>
<u>Sandy gravel</u>	<u>40'</u>	<u>45'</u>
<u>Sandy claystone</u>	<u>45'</u>	<u>216'</u>
<u>Hard claystone</u>	<u>216'</u>	<u>248'</u>
<u>Sandy gravel</u>	<u>248'</u>	<u>288'</u>

Date Started June 15th 2012 Completed July 1st 2013

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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.

License Number _____ Date _____
Signed _____

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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.

License Number PI4922 Date 9-3-2013
Signed Bradley M Wentz
Contact Info. (optional) landowner

RECEIVED BY OWRD

AUG 10 2015

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

BRAD AND CONNIE MASTRE
68174 SOUTH HARNEY RD
BURNS OR 97720

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-17265

SOURCE OF WATER: WELL 1 AND WELL 2 IN NINEMILE SLOUGH BASIN

PURPOSE OR USE: IRRIGATION OF 320.0 ACRES

MAXIMUM RATE: 5.33 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: SEPTEMBER 21, 2009

WELL LOCATIONS:

WELL 1 - SESE, SECTION 36, T23S, R32E, W.M.; 304 FEET NORTH AND 264 FEET WEST FROM SE CORNER, SECTION 36

WELL 2 - SWSE, SECTION 36, T23S, R32E, W.M.; 840 FEET NORTH AND 2640 FEET WEST FROM SE CORNER, SECTION 36

The amount of water used for irrigation under this right; together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-SIXTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE ¼ SW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 40.0 ACRES
SE ¼ SW ¼ 40.0 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES
SW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES

SECTION 36

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

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SALEM, OR

Application G-17265 Water Resources Department

PERMIT G-16793

Measurement, recording and reporting conditions:

- #1
- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. The permittee shall maintain the meter or measuring device in good working order.
- #2
- B. The permittee shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- #3
- C. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- #4
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if any of the following events occur:

- A. Annual water-level measurements reveal an average water-level decline of three or more feet per year for five consecutive years; or
- B. Annual water-level measurements reveal a water-level decline of 15 or more feet in fewer than five consecutive years; or
- C. Annual water-level measurements reveal a water-level decline of 25 or more feet; or
- D. Hydraulic interference leads to a decline of 25 or more feet in any neighboring well with senior priority.

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

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Application G-17265

Water Resources Department

PERMIT G-16793

AUG 10 2015