CLAIM OF BENEFICIAL USE for Surface Water Permits claiming more than 0.1 cfs

OREGON WATER RESOURCES DEPARTMENT
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

A fee of $345 must accompany this form for permits with priority dates of July 9, 1987, or later.

Enter the date the priority date of the permit:

January 30, 1995

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
https://www.oregon.gov/OWRD/Forms/Pages/default.aspx

Go to "Resources for Water Right Examiners (CWRE)" Page
https://www.oregon.gov/OWRD/programs/WaterRights/COBU/Pages/default.aspx

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900.

The Department has a Reimbursement Authority program that allows it to enter into a voluntary agreement with an applicant for expedited services. Applicants interested in an estimate of the cost and timeline for expedited processing must submit a Reimbursement Authority Estimate Application and required fee. The form and additional information on this program see:
https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx

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SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION #	PERMIT #	PERMIT AMENDMENT #
S-77041	S-52846	NA

2. Property Owner (current owner information):

Applicant/Business Name	Phone No.	Additional Contact No.
Geren Moon	**541-589-1138**	

Address			
P.O. Box 45			
City	State	Zip	E-Mail
Paisley	**OR**	**97636**	

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each*** *permit holder of record must sign this form.*

3. Permit or holder of record (this may, or may not, be the current property owner):

Permit Holder of Record		
J.V. Moon and Son		
Address		
P.O. 875		
City	State	Zip
Burns	**OR**	**97720**

Additional Permit Holder of Record		
NA		
Address		
City	State	Zip

4. Date of Site Inspection:

8/18/2026

5. Person(s) interviewed and description of their association with the project:

Name	Date	Association with the Project
Geren Moon	**8/18/2026**	**Owner**

6. County:

Harney

7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

Owner of Record		
NA		
Address		
City	State	Zip

Add additional tables for owners of record as needed

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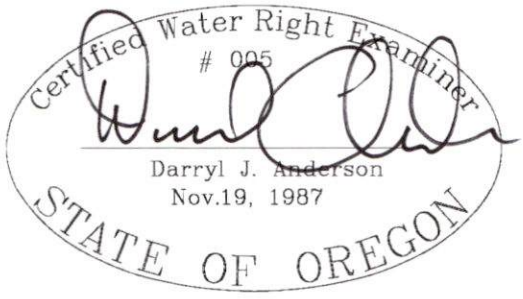
SECTION 2
SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



RENEWAL 12/31/27

CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Darryl Anderson		**541-947-4407**	
ADDRESS **17681 Highway 395**			
CITY **Lakeview**	STATE **OR**	ZIP **97630**	CITY **Lakeview**

Permit Holder(s) of Record Signature or Acknowledgement

Each *permit holder of record must sign this form in the space provided below.*

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
Geren Moon	Geren MOON	owner	08/21/2026

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SECTION 3

CLAIM DESCRIPTION

1. Point of diversion name or number:

Point of Diversion (POD) Name or Number (correspond to map)
Upper Sizemore Spring POD
Lower Sizemore Spring POD 1
Lower Sizemore Spring POD 2
Lower Sizemore Spring POD 3

2. Point of diversion source and tributary:

POD Name or Number	Source	Tributary
Upper Sizemore Spring POD	Upper Sizemore Spring	Harney Lake
Lower Sizemore Spring POD 1	Lower Sizemore Spring	Harney Lake
Lower Sizemore Spring POD 2	Lower Sizemore Spring	Harney Lake
Lower Sizemore Spring POD 3	Lower Sizemore Spring	Harney Lake

3. Developed use(s), period of use, and rate for each use:

POD Name or Number	Uses	If Irrigation, List Crop Type	Season or Months When Water was Used	Actual Rate or Volume Used (CFS, GPM, or AF)
Upper Sizemore Spring POD	Irrigation	Grass, Pasture	Mar 1 – Oct. 31	8.53 cfs
Lower Sizemore Spring POD 1	Irrigation	Grass, Pasture	Mar 1 – Oct. 31	7.30 cfs (total for Lower Sizemore Spring, not split by POD)
Lower Sizemore Spring POD 2	Irrigation	Grass, Pasture	Mar 1 – Oct. 31	7.30 cfs (total for Lower Sizemore Spring, not split by POD)
Lower Sizemore Spring POD 3	Irrigation	Grass, Pasture	Mar 1 – Oct. 31	7.30 cfs (total for Lower Sizemore Spring, not split by POD)
Total Quantity of Water Used				15.83 cfs

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of diversion to the place of use:

Water from Upper Sizemore Spring comes out of the ground into a small holding pond. Water flow is controlled through a headgate structure at the point of diversion. The discharge is into a natural drainage swale that moves the water to the northern portion of the property and the place of use.

Water from Lower Sizemore Spring comes out of the ground into a small holding pond. The three points of diversion are out of this pond at headgate structures. POD #1 and #3 are released into ditches. POD #2 is released into a larger pond that has discharges through additional headgate structures into ditches.

Water moves through ditches, swales and natural drainages throughout the place of use. Water is backed up with earth dams and pipes with headgates to release the water into fields for flood irrigation. Once the water is out of the conveyance structures, the place of use is irrigated with sheet flow flooding. This flow follows natural changes in elevation throughout the fields. In areas with natural drainage lines in the fields, additional earth dams have been constructed to spread the flow out across the field and away from the natural drainages. At the lower elevation end of the place of use, berms have been constructed along the property lines to prevent flooding beyond the boundary of the permit, and to redirect flow back into the areas of authorized place of use. Regrading of earth structures and cleaning of ditches is an ongoing process to optimize flood flow across areas of use as conditions change from season to season to ensure that all authorized areas are receiving water.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit, or permit amendment final order? If yes, describe below. **NO**

(e.g. *"The permit allowed three points of diversion. The water user only developed one of the points."* or *"The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres."*)

No Variations

6. Claim Summary:

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Upper Sizemore Spring POD 1	8.53	8.53	NA	Irrigation	341.2	341.2
Lower Sizemore Spring POD 1	7.30	7.30	NA	Irrigation	291.9	291.9
Lower Sizemore Spring POD 2	7.30	7.30	NA	Irrigation	291.9	291.9
Lower Sizemore Spring POD 3	7.30	7.30	NA	Irrigation	291.9	291.9

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? **YES**

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

Upper Sizemore Spring POD 1

A. Place of Use

1. Is the right for municipal use? **NO**

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
27S	29E	W.M.	2	SW SW			Irrigation	40.0	
27S	29E	W.M.	3	SE SE			Irrigation	7.8	
27S	29E	W.M.	10	NE NE			Irrigation	40.0	
27S	29E	W.M.	10	NW NE			Irrigation	40.0	
27S	29E	W.M.	10	SW NE			Irrigation	40.0	
27S	29E	W.M.	10	SE NE			Irrigation	40.0	
27S	29E	W.M.	10	SE NW			Irrigation	40.0	
27S	29E	W.M.	10	NE SW			Irrigation	13.4	
27S	29E	W.M.	11	NW NW			Irrigation	40.0	
27S	29E	W.M.	11	SW NW			Irrigation	40.0	
Total Acres Irrigated								341.2	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **NO**

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? **NO**

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? **YES**

If "YES" is it a: Storage Tank **NO**

Bulge in System / Reservoir **YES**

Complete appropriate table(s), unused table may be deleted.

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Upper Sizemore Spring	3	0.24

D. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? NO

E. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? YES

2. Complete the table:

Canal or Ditch Type (material)	Top Width of Canal or Ditch	Bottom Width of Canal or Ditch	Depth	"N" Factor	Amount of Fall	Length of Canal / Ditch	Slope	Computed Rate (in cfs)
Vegetated earth	61.4	37.7	.05	0.030	8.2	4692.0	0.2%	28.0
Vegetated earth	9.7	2.8	2.1	0.030	17.7	1357.8	1.3%	84.1
Vegetated earth	9.2	2.0	2.1	0.030	10.0	2009.9	0.5%	44.8
Vegetated earth	13.2	4	2.4	0.030	3.5	641.7	0.5%	96.1

3. Provide calculations:

See Attached, calculations are a representative sampling of ditches and natural swales and drainages that are present across the property

4. If an actual measurement was taken, provide the following:

Date of Measurement	Who Made the Measurement	Measurement Method	Measured Quantity of Water (in cfs)
NA			

Attach measurement notes.

F. Additional notes or comments related to the system:

Ditches and swales on site are capable of carrying far more flow than what is listed on the permit. Flows are controlled by headgate structures at the point of diversions.

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? YES

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

Lower Sizemore Spring POD 1

A. Place of Use

1. Is the right for municipal use? NO

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
27S	29E	W.M.	10	NE SW			Irrigation	26.6	
27S	29E	W.M.	10	SW SW			Irrigation	37.1	
27S	29E	W.M.	10	SE SW			Irrigation	40.0	
27S	29E	W.M.	10	NW SE			Irrigation	40.0	
27S	29E	W.M.	10	SW SE			Irrigation	40.0	
27S	29E	W.M.	15	NW NE			Irrigation	40.0	
27S	29E	W.M.	15	SW NE			Irrigation	26.4	
27S	29E	W.M.	15	NE NW			Irrigation	29.6	
27S	29E	W.M.	15	NW NW			Irrigation	6.8	
27S	29E	W.M.	15	SE NW			Irrigation	5.4	
Total Acres Irrigated								291.9	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? NO

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? NO

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? YES

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank NO
Bulge in System / Reservoir YES

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Lower Sizemore Spring	3	0.93

D. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? NO

E. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? YES

2. Complete the table:

Canal or Ditch Type (material)	Top Width of Canal or Ditch	Bottom Width of Canal or Ditch	Depth	"N" Factor	Amount of Fall	Length of Canal / Ditch	Slope	Computed Rate (in cfs)
Vegetated earth	61.4	37.7	.05	0.030	8.2	4692.0	0.2%	28.0
Vegetated earth	9.7	2.8	2.1	0.030	17.7	1357.8	1.3%	84.1
Vegetated earth	9.2	2.0	2.1	0.030	10.0	2009.9	0.5%	44.8
Vegetated earth	13.2	4	2.4	0.030	3.5	641.7	0.5%	96.1

3. Provide calculations:

See Attached, calculations are a representative sampling of ditches and natural swales and drainages that are present across the property

4. If an actual measurement was taken, provide the following:

Date of Measurement	Who Made the Measurement	Measurement Method	Measured Quantity of Water (in cfs)
NA			

Attach measurement notes.

F. Additional notes or comments related to the system:

Ditches and swales on site are capable of carrying far more flow than what is listed on the permit. Flows are controlled by headgate structures at the point of diversions to permitted rates.

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? **YES**

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

Lower Sizemore Spring POD 2

A. Place of Use

1. Is the right for municipal use? **NO**

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
27S	29E	W.M.	10	NE SW			Irrigation	26.6	
27S	29E	W.M.	10	SW SW			Irrigation	37.1	
27S	29E	W.M.	10	SE SW			Irrigation	40.0	
27S	29E	W.M.	10	NW SE			Irrigation	40.0	
27S	29E	W.M.	10	SW SE			Irrigation	40.0	
27S	29E	W.M.	15	NW NE			Irrigation	40.0	
27S	29E	W.M.	15	SW NE			Irrigation	26.4	
27S	29E	W.M.	15	NE NW			Irrigation	29.6	
27S	29E	W.M.	15	NW NW			Irrigation	6.8	
27S	29E	W.M.	15	SE NW			Irrigation	5.4	
Total Acres Irrigated								291.9	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **NO**

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? **NO**

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? **YES**

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank **NO**

Bulge in System / Reservoir **YES**

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Lower Sizemore Spring	**3**	**0.93**
Pond	**3**	**7.5**

D. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? **NO**

E. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **YES**

2. Complete the table:

Canal or Ditch Type (material)	Top Width of Canal or Ditch	Bottom Width of Canal or Ditch	Depth	"N" Factor	Amount of Fall	Length of Canal / Ditch	Slope	Computed Rate (in cfs)
Vegetated earth	**61.4**	**37.7**	**.05**	**0.030**	**8.2**	**4692.0**	**0.2%**	**28.0**
Vegetated earth	**9.7**	**2.8**	**2.1**	**0.030**	**17.7**	**1357.8**	**1.3%**	**84.1**
Vegetated earth	**9.2**	**2.0**	**2.1**	**0.030**	**10.0**	**2009.9**	**0.5%**	**44.8**
Vegetated earth	**13.2**	**4**	**2.4**	**0.030**	**3.5**	**641.7**	**0.5%**	**96.1**

3. Provide calculations:

See Attached, calculations are a representative sampling of ditches and natural swales and drainages that are present across the property

4. If an actual measurement was taken, provide the following:

Date of Measurement	Who Made the Measurement	Measurement Method	Measured Quantity of Water (in cfs)
NA			

Attach measurement notes.

F. Additional notes or comments related to the system:

Ditches and swales on site are capable of carrying far more flow than what is listed on the permit. Flows are controlled by headgate structures at the point of diversions to permitted rates.

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs? **YES**

If *"YES"* you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

Lower Sizemore Spring POD 3

A. Place of Use

1. Is the right for municipal use? **NO**

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
27S	29E	W.M.	10	NE SW			Irrigation	26.6	
27S	29E	W.M.	10	SW SW			Irrigation	37.1	
27S	29E	W.M.	10	SE SW			Irrigation	40.0	
27S	29E	W.M.	10	NW SE			Irrigation	40.0	
27S	29E	W.M.	10	SW SE			Irrigation	40.0	
27S	29E	W.M.	15	NW NE			Irrigation	40.0	
27S	29E	W.M.	15	SW NE			Irrigation	26.4	
27S	29E	W.M.	15	NE NW			Irrigation	29.6	
27S	29E	W.M.	15	NW NW			Irrigation	6.8	
27S	29E	W.M.	15	SE NW			Irrigation	5.4	
Total Acres Irrigated								291.9	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **NO**

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? **NO**

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? **YES**

If "YES" is it a: Storage Tank **NO**

Bulge in System / Reservoir **YES**

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Lower Sizemore Spring	3	0.93

D. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? NO

E. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? YES

2. Complete the table:

Canal or Ditch Type (material)	Top Width of Canal or Ditch	Bottom Width of Canal or Ditch	Depth	"N" Factor	Amount of Fall	Length of Canal / Ditch	Slope	Computed Rate (in cfs)
Vegetated earth	61.4	37.7	.05	0.030	8.2	4692.0	0.2%	28.0
Vegetated earth	9.7	2.8	2.1	0.030	17.7	1357.8	1.3%	84.1
Vegetated earth	9.2	2.0	2.1	0.030	10.0	2009.9	0.5%	44.8
Vegetated earth	13.2	4	2.4	0.030	3.5	641.7	0.5%	96.1

3. Provide calculations:

See Attached, calculations are a representative sampling of ditches and natural swales and drainages that are present across the property

4. If an actual measurement was taken, provide the following:

Date of Measurement	Who Made the Measurement	Measurement Method	Measured Quantity of Water (in cfs)
NA			

Attach measurement notes.

F. Additional notes or comments related to the system:

Ditches and swales on site are capable of carrying far more flow than what is listed on the permit. Flows are controlled by headgate structures at the point of diversions to permitted rates.

SECTION 5

CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension of time:

	Date from Permit	Date Accomplished*	Description of Actions Taken by Water User to Comply with the Time Limits
Issuance Date	**Sept 30, 1996**		
Begin construction (A)	**Sept 30, 1997**	**Sept 30, 1997**	**Water system was constructed and in use at the time of the permit issuance**
Complete construction (B)	**October 1, 1998**	**Sept 30, 1997**	**Water system was constructed and in use at the time of the permit issuance**
Complete application of water (C)	**October 1, 1998**	**Sept 30, 1997**	**Water system was constructed and in use at the time of the permit issuance**

* must be within period between permit or any extension final order issuance and the date to completely apply water

2. Is there an extension final order(s)? **NO**

If the reports have not been submitted, attach a copy of the reports if available.

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? **NO**

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4. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department? **NO**

5. Fish Screening:

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **NO**

6. By-pass Devices:

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

7. Other conditions required by some permits, permit amendment final orders, or extension final orders:

a. Was the water user required to restore the riparian area if it was disturbed? **NO**

b. Was a fishway required? **NO**

c. Was submittal of a water management and conservation plan required? **NO**

d. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s) in the box below. If the condition required the approval of a plan, submit documentation that the plan was approved.

No condition requirements

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
COBU Map	**Claim map**
Photos	**Site photos**
Ditch Capacity Calculator Sheets (4)	**Ditch flow calculations for a representative sampling of water conveyance structures across the place of use**

SECTION 7

CLAIM OF BENEFICIAL USE MAP

In order to properly examine your claim, the Department must have an accurate map that meets the criteria described in OAR 690-014-0170 and OAR 690-305-0010, which are provided below for your convenience:

OAR 690-014-0170 Minimum Requirements for Maps for Permit or Transfer Final Order Claims of Beneficial Use

(1) Maps submitted by a CWRE as part of the Claim of Beneficial Use shall meet the standards in OAR chapter 690, division 305. In addition, the map shall meet the following criteria:
   (a) Horizontal accuracy is required only to ten feet for the purpose of locating and quantifying water rights. Maps shall be developed from any standard survey method. Traverse closures are not required.
   (b) Maps shall clearly designate the place of use and point of diversion or appropriation for each source and use.
   (c) The map shall indicate by description, in relation to the point of diversion or appropriation, the location of any fish screens, by-pass devices, and measuring devices required by the permit or transfer final order.
   (d) The following statement shall be placed on the map: "This map is not intended to provide legal dimensions or locations of property ownership lines."

(2) A CWRE may make a written request to the Director for a waiver of one or more mapping standards. The Director will determine whether the waiver shall be allowed and will respond to such requests in writing.

OAR 690-305-0010 General Map Criteria

Each map submitted to the Department shall meet the following general criteria in addition to any specific criteria identified in the rules for the relevant water right transaction:

(1) Drawing
   (a) The map shall be drafted on paper or polyester film with ink or otherwise printed in an indelible form with sufficient clarity so as to be easily reproduced or scanned. Maps may be submitted electronically in portable document format (pdf) and must be prepared consistent with, and include the same information as, a paper map.
   (b) The preferred paper size is 8.5 inches by 11 inches and should be no larger than 30 inches by 30 inches. A map greater than 30 inches by 30 inches may be submitted if the Department grants, by mail or electronic means, advance approval of the larger size.
   (c) Beginning April 1, 2029, regardless of whether the map is submitted electronically, on paper, or on polyester film, for any map that OAR chapter 690 requires be prepared by a Certified Water Right Examiner, a digital file containing the coordinate system and geospatial features of the map as specified by the Department shall be submitted in addition to the map, unless

the Department provides a waiver. The digital file shall be submitted as a shapefile or other approved format in a manner required by the Department.

(d) A platted and recorded subdivision map, deed description survey map, or county assessor map may be submitted as the application map if all of the required information included in sections (2) and (3) of this rule is clearly shown.

(e) An aerial image may be provided in addition to the map to aid the Department in understanding the proposal.

(f) The map submitted under subsection (a) shall be the official record of the water right. An aerial image or digital file shall not be the official record of the water right.

(2) Scale

(a) The map shall be drawn to a standard, even-numbered scale and one-inch shall not exceed 1320 feet.

(b) The map scale may exceed 1320 feet per inch if the Department grants, by mail or electronic means, advance approval of the requested scale.

(c) Notwithstanding subsection (a) and (b), for maps identifying the location of a municipal use place of use, one-inch can exceed 1320 feet; provided that the scale is sufficient to identify the quarter-quarters involved in the place of use.

(3) Features: Features shall be clearly identified and labeled. Unless otherwise indicated in rule, the following features must be included in each map submitted to the Department:

(a) Mapping scale.

(b) North directional symbol.

(c) Legend.

(d) General location of main canals, ditches, flumes, pipelines, pumps, or other water delivery features used to transport water from the point(s) of diversion or appropriation to the place use and to include the delivery features at the place of use.

(e) Other topographical features such as rivers, creeks, streams, lakes, reservoirs, ponds, roads, or railroads that may be helpful to clarify and identify the location of points of diversion, wells, dams, and places of use.

(f) Location and flow direction of the water way if the source is surface water. If multiple water ways exist in the area of the proposed diversion and use, the map must identify the location and flow direction of the additional water ways.

(g) Township, range, section, quarter-quarter, and tax lot(s), donation land claims, or government lots where water will be or has been diverted, conveyed, and used. If the map is for municipal use the map:

(A) Must identify but does not need to label the quarter-quarters,

(B) Does not need to identify or label tax lots, donation land claims, or government lots.

(h) Location of each proposed or developed diversion point, well (point of appropriation), or dam by reference to a recognized public land survey corner. For a reservoir without a dam, the center of the reservoir shall be referenced to a recognized public land survey corner.

(A) The locations shall be shown by distance and bearing, or by coordinates (distance north or south and distance east or west from the corner). In addition, they shall also include latitude and longitude as established by a global positioning system.

(B) Latitude and longitude coordinates shall be expressed as degrees-decimal with five or more digits after the decimal (e.g., 42.53764º). The datum used to establish the coordinates shall be indicated on the map. Examples of datums include NAD 83, NAD 27 and WGS84.

(i) Location of the proposed or developed place of use by township, range, section, and nearest quarter-quarter section.

(A) For irrigation or nursery use, the map shall additionally indicate the place of use in each quarter-quarter of a section by shading or hatchuring and indicate the number of acres in each quarter-quarter section, donation land claim, government lot, or other recognized public land survey lines.

(B) For places of use that are limited to a point, such as a stock watering tank, the location may also be identified by distance and bearing, or by coordinates (distance north or south and distance east or west from the corner). In addition, they shall include latitude and longitude as established by a global positioning system.

(C) Latitude and longitude coordinates shall be expressed as degrees-decimal with five or more digits after the decimal (e.g., 42.53764º). The datum used to establish the coordinates shall be indicated on the map. Examples of datums include NAD 83, NAD 27 and WGS84.

(D) Where more than one point of diversion or well is included, the map must clearly identify the place(s) of use served by each point of diversion or well.

(j) If for a supplemental irrigation application or claim of beneficial use, the location and water right reference number of the underlying primary right, registration or claim.

(k) Any other information the Department requests and considers necessary to evaluate the water right transaction.

Phone: (541) 947-4407 Email: info@shn-engr.com Web: shn-engr.com
17681 US-395, Lakeview, OR 97630

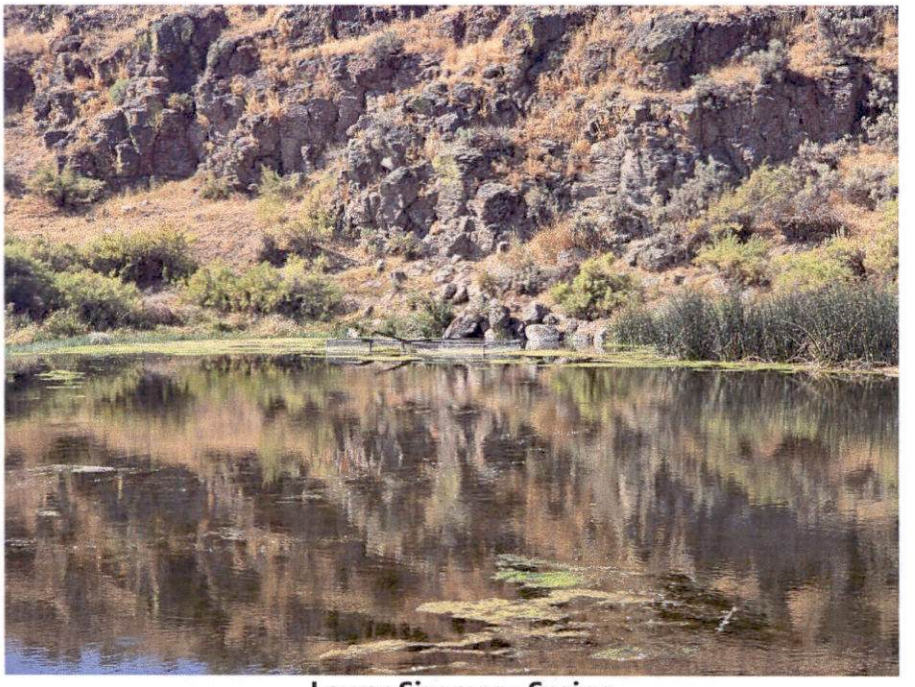
Reference: 226010
08/18/2026

Subject: **Moon Claim of Beneficial Use Permit S-52846**

Upper Sizemore Spring

Upper Sizemore Spring POD

Received
AUG 26 2026
OWRD



Lower Sizemore Spring

Lower Sizemore Spring POD 1 & 2

Received
AUG 26 2026
OWRD

Lower Sizemore Spring POD 3

Typical Headgate structure

Received
AUG 26 2026
OWRD

Typical Ditch

Typical Earthen Structure for Distribution

Received
AUG 2 6 2026
OWRD

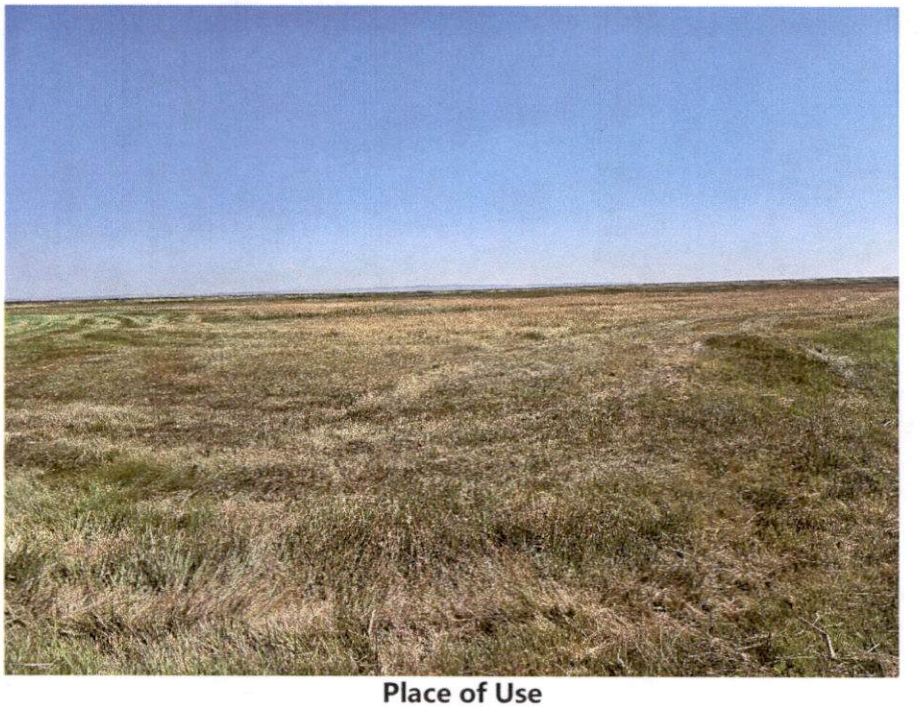
Place of Use – Haying Operation

Received
AUG 26 2026
OWRD

Lower Sizemore Spring POD 1

Lower Sizemore Spring POD 2

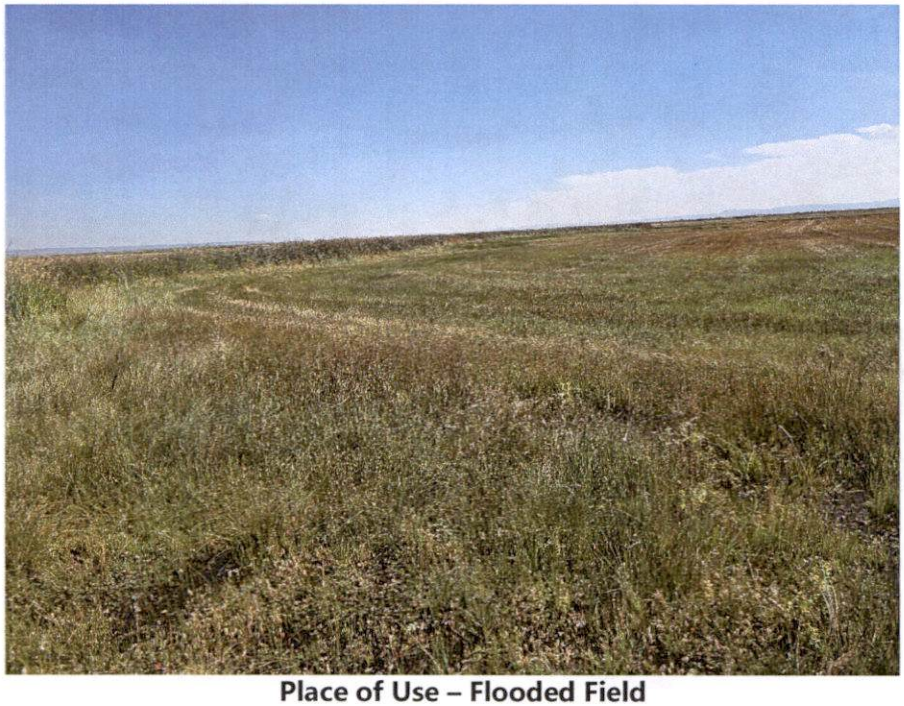
Received
AUG 26 2026
OWRD



Place of Use

Place of Use – Haying Operation

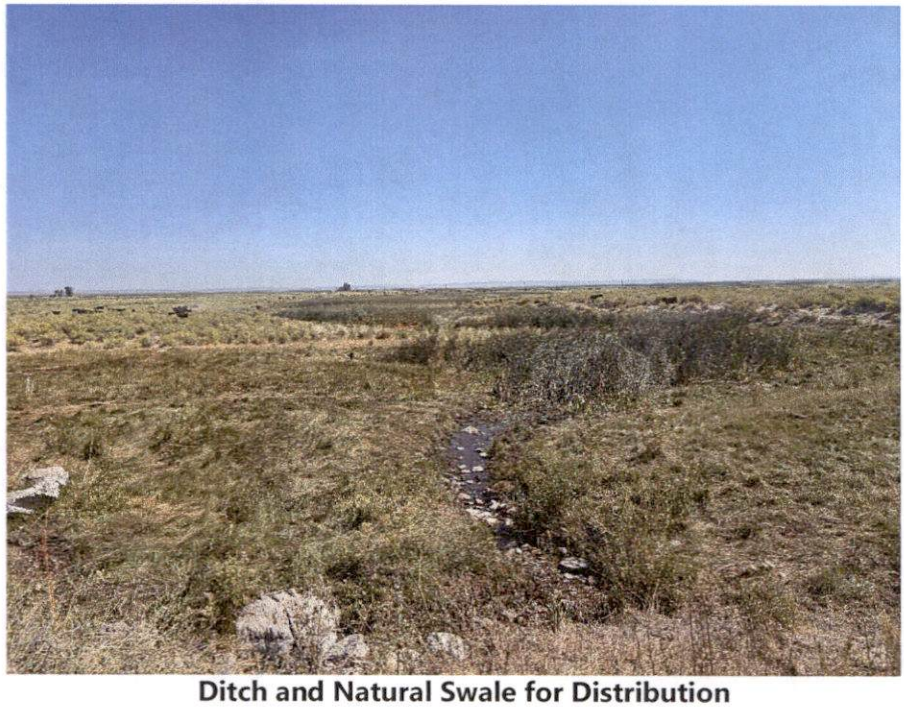
Received
AUG 26 2026
OWRD



Place of Use – Flooded Field

Place of Use – Flooded Field

Received
AUG 26 2026
OWRD



Ditch and Natural Swale for Distribution

Headgate in Earthen Structure for Distribution

Ditch Capacity Calculator

using Manning's Formula

Data Entry (fill in underlined blanks)

Top Width =	9.2	feet		
Bottom Width =	2	feet		
Depth =	2.1	feet		
Fall =	10	feet	per 2009.9	feet of distance
Grade =	0.00497537	, or	0.5%	
n Factor =	0.03			

Results calculated

Area of cross-section =	11.76	square feet
Wetted Perimeter =	10.33547	feet
Hydraulic Radius =	1.13783	
Velocity =	3.808	feet per second

Calculated Ditch Capacity = 44.8 cubic feet per second

Ditch Capacity Calculator

using Manning's Formula

Data Entry (fill in underlined blanks)

Top Width =	61.4	feet		
Bottom Width =	37.7	feet		
Depth =	0.5	feet		
Fall =	8.2	feet	per 4692	feet of distance
Grade =	0.00174766	, or	0.2%	
n Factor =	0.03			

Results calculated

Area of cross-section =	24.775	square feet
Wetted Perimeter =	61.42109	feet
Hydraulic Radius =	0.403363	
Velocity =	1.130	feet per second

Calculated Ditch Capacity = 28.0 cubic feet per second

Ditch Capacity Calculator

using Manning's Formula

Data Entry (fill in underlined blanks)

Top Width =	9.7	feet		
Bottom Width =	2.8	feet		
Depth =	2.1	feet		
Fall =	17.7	feet	per 1357.8	feet of distance
Grade =	0.01303579	, or	1.3%	
n Factor =	0.03			

Results calculated

Area of cross-section =	13.125	square feet
Wetted Perimeter =	10.87775	feet
Hydraulic Radius =	1.206592	
Velocity =	6.410	feet per second

Calculated Ditch Capacity = 84.1 cubic feet per second

Ditch Capacity Calculator

using Manning's Formula

Data Entry (fill in underlined blanks)

Top Width =	13.2	feet		
Bottom Width =	4	feet		
Depth =	2.4	feet		
Fall =	3.5	feet	per 641.7	feet of distance
Grade =	0.00545426	, or	0.5%	
n Factor =	0.03			

Results calculated

Area of cross-section =	20.64	square feet
Wetted Perimeter =	14.3769	feet
Hydraulic Radius =	1.435637	
Velocity =	4.655	feet per second

Calculated Ditch Capacity = 96.1 cubic feet per second

Phone: (541) 947-4407 Email: info@shn-engr.com Web: shn-engr.com
17681 US-395/P.O. Box 28, Lakeview, OR 97630

Transmittal

To:	**Oregon Water Resources Dept.**	Reference No:	226045
Company:			
		Date:	08/21/2026
Address:	**725 Summer Street, Suite A**		
	Salem, OR 97307-1266	From:	
Subject:	**J.V. Moon & Sons COBU Permit # S-52846, Application # S-77041**		

We are sending you:

☒ **Application** ☐ **Correspondense** ☐ **Report/Specifications** ☐ **Samples**
☐ **Computer File** ☐ **Plans** ☐ **Reproducibles** ☐ **Shop Drawings**
☐ **Contract** ☐ **Prints** ☐ **Other** _____

Copies	Date	No.	Description
1	8/21		Check #369
1	8/21		Claim of Beneficial Use Application
1	8/21		Claim of Beneficial Use Map

These are transmitted as checked below:

☐ **Approved as Noted** ☐ **For Review & Comment** ☐ **Resubmittal Not Required**
☐ **As Requested** ☒ **For Your Approval** ☐ **Returned for Corrections**

Comments: **Thank you,**

Copy To:

Signed: Brilene Ortwein

Received
AUG 26 2026
OWRD