State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900

Application for Permanent Water Right Transfer

Part 1 of 5 – Minimum Requirements Checklist

This transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
For questions, please call (503) 986-0900, and ask for Transfer Section.

Check all items included with this application. (N/A = Not Applicable)

☒ Part 1 – Completed Minimum Requirements Checklist.

☒ Part 2 – Completed Transfer Application Map Checklist.

☒ Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator. If you have questions, call Customer Service at (503) 986-0801.

☒ Part 4 – Completed Applicant Information and Signature.

☒ Part 5 – Information about Water Rights to be Transferred: **How many water rights are to be transferred? 1 List them here: Certificate 43934**
Please include a separate Part 5 for each water right. (See instructions on page 6)

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Attachments:

☒ Completed Transfer Application Map.

☒ Completed Evidence of Use Affidavit and supporting documentation.

☐ ☒ N/A Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)

☐ ☒ N/A Supplemental Form D – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district.

☒ ☐ N/A Land Use Information Form with approval and signature (or signed land use form receipt stub). Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.

☒ ☐ N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.

☐ ☒ N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500' from the surface water source and more than 1000' upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.

(For Staff Use Only)
WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):
___ Application fee not enclosed/insufficient ___ Map not included or incomplete
___ Land Use Form not enclosed or incomplete
___ Additional signature(s) required ___ Part _____ is incomplete
Other/Explanation _____
Staff: _____503-986-0___ Date: ____/____/____

Part 2 of 5 – Transfer Application Map Checklist

Your transfer application <u>will be returned</u> if any of the map requirements listed below are not met.

Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply.

☒ ☐ N/A Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see http://apps.wrd.state.or.us/apps/wr/cwre_license_view/. CWRE stamp and signature are not required for substitutions.

☒ ☐ N/A If **more than three** water rights are involved, separate maps are needed for each water right.

☒ Permanent quality printed with dark ink on good quality paper.

☒ The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.

☒ A north arrow, a legend, and scale.

☒ The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.

☒ Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.

☒ Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.

☒ Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.

☒ Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.

☐ Existing place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged.

☐ ☒ N/A Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.

☒ Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.

☒ ☐ N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

FEE WORKSHEET for PERMANENT TRANSFER		**Part 3 of 5 – Fee Worksheet**	
1	Base Fee (includes one type of change to one water right for up to 1 cfs)	*1*	$1,160
2	Types of change proposed: ☐ Place of Use ☐ Character of Use ☒ Point of Diversion/Appropriation Number of above boxes checked = 1 (2a) Subtract 1 from the number in line 2a = 0 (2b) *If only one change, this will be 0* Multiply line 2b by $930 and enter » » » » » » » » » » » » » »	*2*	$0
3	Number of water rights included in transfer 1 (3a) Subtract 1 from the number in 3a above: 0 (3b) *If only one water right this will be 0* Multiply line 3b by $520 and enter » » » » » » » » » » » » » »	*3*	$0
4	Do you propose to add or change a well, or change from a surface water POD to a well? ☐ No: enter 0 » ☒ Yes: enter $410 »	*4*	$410
5	Do you propose to change the place of use or character of use? ☒ No: enter 0 on line 5 » » » » » » » » » » » » » » » » » » ☐ Yes: enter the cfs for the portions of the rights to be transferred (see example below*): (5a) Subtract 1.0 from the number in 5a above: (5b) If 5b is 0 or less, enter 0 on line 5 » » » » » » » » » » » » » » » If 5b is greater than 0, round up to the nearest whole number: (5c) and multiply 5c by $350, then enter on line 5 » » » » » » » »	*5*	$0
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	*6*	$1,570
7	Is this transfer: ☐ necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? ☐ endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 » If no box is applicable, enter 0 on line 7» » » » » » » » » » » » »	*7*	$0
8	Subtract line 7 from line 6 » » » » » » » » » » » » **Transfer Fee:**	*8*	**$1,570**

*Example for Line 5a calculation to transfer 45.0 acres of Primary Certificate 12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Certificate 87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each water right involved as follows:
   a. Divide total authorized cfs by total acres in the water right *(for C12345, 1.25 cfs ÷100 ac)*; then multiply by the number of acres to be transferred to get the transfer cfs *(x 45 ac= 0.56 cfs)*.
   b. If the water right certificate does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). *(For C87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)*
2. Add cfs for the portions of water rights on all the land included in the transfer; however **do not count cfs for supplemental rights on acreage for which you have already calculated the cfs fee for the primary right on the same land**. The fee should be assessed only once for each "on the ground" acre included in the transfer. *(In this example, blank 5a would be only 0.56 cfs, since both rights serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).*

FEE WORKSHEET for SUBSTITUTION			
1	Base Fee (includes change to one well)	*1*	$840.00
2	Number of wells included in substitution (2a) Subtract 1 from the number in 3a above: (2b) *If only one well this will be 0* Multiply line 2b by $410 and enter » » » » » » » » » » » » »	*2*	
3	Add entries on lines 1 through 2 above » » » » » **Fee for Substitution:**	*3*	

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Lamb Weston, Inc.			(541) 567-2211	**(509) 736-2573**
ADDRESS				FAX NO.
P.O. Box 705				
CITY	STATE	ZIP	E-MAIL	
Hermiston	**OR**	**97838**		
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Dr. Paul Wattenburger, CWRE; IRZ Consulting			**(541) 567-0252**	**(541) 571-1112**
ADDRESS				FAX NO.
500 North First Street				**(541) 567-4239**
CITY	STATE	ZIP	E-MAIL	
Hermiston	**OR**	**97838**	**paul@irz.com**	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Explain in your own words what you propose to accomplish with this transfer application, and why:

See Attachment 1.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

☐ Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Check One Box

☒ By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**

☐ I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**

☐ I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

I understand that prior to Department approval of the transfer application, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the water right is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: East Oregonian.

I (we) affirm that the information contained in this application is true and accurate.

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Applicant signature	Print Name (and Title if applicable)	Date
N l Flyg	Neal Flyg (Plant Manager)	3/8/18

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located? ☒ Yes ☐ No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.*

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8	Subtract line 7 from line 6 » » » » » » » » » » » » **Transfer Fee:**	***8***	**$1,570**

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3	Add entries on lines 1 through 2 above » » » » » **Fee for Substitution:**	*3*	

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Lamb Weston, Inc.			(541) 567-2211	**(509) 736-2573**
ADDRESS				FAX NO.
78153 WESTLAND ROAD				
CITY	STATE	ZIP	E-MAIL	
Hermiston	**OR**	**97838**		
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Dr. Paul Wattenburger, CWRE; IRZ Consulting			**(541) 567-0252**	**(541) 571-1112**
ADDRESS				FAX NO.
500 North First Street				**(541) 567-4239**
CITY	STATE	ZIP	E-MAIL	
Hermiston	**OR**	**97838**	**paul@irz.com**	
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Explain in your own words what you propose to accomplish with this transfer application, and why:

See Attachment 1.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

☐ Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Check One Box

☒ By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**

☐ I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**

☐ I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

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I (we) affirm that the information contained in this application is true and accurate.

Applicant signature	Print Name (and Title if applicable)	Date
N l Flyg	**Neal Flyg (Plant Manager)**	3/8/18
Applicant signature	Print Name (and Title if applicable)	Date

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Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located? ☒ Yes ☐ No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.*

Check the following boxes that apply:

☒ The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.

☐ The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.

☐ Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.

At this time, are the lands in this transfer application in the process of being sold? ☐ Yes ☒ No

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see: http://www.oregon.gov/owrd/docs/transfer-propertytransactions.pdf

RECEIVING LANDOWNER NAME			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS				FAX NO.
CITY	STATE	ZIP	E-MAIL	

Describe any special ownership circumstances here: _____

☐ Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (**Tip**: **Complete and attach Supplemental Form D.**)

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

☐ Check here if water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

To meet State Land Use Consistency Requirements, you must list all county, city, municipal corporation, or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME **Umatilla County**	ADDRESS **216 SE 4th**	
CITY **Pendleton**	STATE **OR**	ZIP **97801**

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 43934

Description of Water Delivery System

System capacity: **3.02** cubic feet per second (cfs) **OR**

1,355 gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use. **From Well #1 a buried 12" PVC pipeline runs southwest parallel to Westland Road past Well #2 on to a water tank. A short pipe from Well #2 connects to this pipeline. A separate buried pipeline runs from Well #3 to the same water tank. The plant facilities are supplied from the water tank.**

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼	¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well No. 1	☐ Authorized ☒ Proposed	UMAT 2403, 2401, & 2400	4	N	28	E	19	NE	SW	2206	2430' N & 2340' E from SW Corner of Section 19
Well No. 2	☒ Authorized ☐ Proposed	UMAT 2402	4	N	28	E	19	NE	SW	2206	1680' N & 1640' E from SW Corner of Section 19
Well No. 3	☐ Authorized ☒ Proposed	UMAT 2396	4	N	28	E	30	NE	NW	2206	776.5' S & 2141.5' E from NW Cor of Section 30

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- ☐ Place of Use (POU)
- ☐ Character of Use (USE)
- ☐ Point of Diversion (POD)
- ☐ Additional Point of Diversion (APOD)
- ☐ Surface Water POD to Ground Water POA (SW/GW)
- ☐ Supplemental Use to Primary Use (S to P)
- ☐ Point of Appropriation/Well (POA)
- ☒ Additional Point of Appropriation (APOA)
- ☐ Substitution (SUB)
- ☐ Government Action POD (GOV)

Will all of the proposed changes affect the entire water right?

☒ Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.

☐ No Complete all of Table 2 to describe the portion of the water right to be changed.

Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Right Certificate # 43934

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change.
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES. List only that part or portion of the water right that will be changed.												Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
4	N	28	E	19	SE	SW	2206			Industrial	Well No. 2	2/3/72	APOA	4	N	28	E	19	SE	SW	2206			Industrial	Well No. 1	1/21/72
4	N	28	E	30	NE	NW	2206			Industrial	Well No. 2	2/3/72	APOA	4	N	28	E	30	NE	NW	2206			Industrial	Well No. 1	1/21/72
													APOA	4	N	28	E	19	SE	SW	2206			Industrial	Well No. 3	4/12/73
													APOA	4	N	28	E	30	NE	NW	2206			Industrial	Well No. 3	4/12/73
TOTAL ACRES:														TOTAL ACRES:												

Additional remarks: **This Transfer seeks to add Wells Nos. 1 & 3 as Additional Points of Appropriation to Certificate 43934. The intent is to allow better flexibility in the operational management of the three wells.**

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For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

☒ Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.
Tip: You may search for well logs on the Department's web page at:
http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

☐ Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-___	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less han full rate of water right
Well No. 1	**Yes**	**UMAT 2403, 2401, & 2400**	**130'**	**18" & 16"**	**0-100 100-128**	**0-20**	**72-110**	**60'**	**Gravel**	
Well No. 2	**Yes**	**UMAT 2402**	**137'**	**18"**	**0-135**	**0-20**	**80-95**	**62'**	**Gravel**	
Well No. 3	**Yes**	**UMAT 2601**	**98'**	**18"**	**0-84.5**	**0-20**	**45-75**	**40'**	**Gravel**	

Attachment 1

Lamb Weston has three industrial wells for their Hermiston plant. Well No. 1 was perfected under Permit G-4947 and Certificated as 43933. The certificated rate is 2.66 cfs (1,194 gpm). Well No. 2 was perfected under Permit G-4948 and Certificated as 43934. The certificated rate is 3.02 cfs (1,355 gpm). And Well No. 3 was perfected under Permit G-7184 and Certificated as 62004. The certificated rate is 2.67 cfs (1,198 gpm). As stated in Certificate 62004;

> "The use of Water confirmed herein is limited to Stand-By Emergency use only. Well 3 is an alternate source of water and may only be used at such times as Wells 1 or 2 are inoperable or are otherwise unable to yield a sufficient industrial supply of water as allowed under Certificates 43933 and 43934."

The total rate allowed for these three wells is limited to the combined certificated rates for Wells Nos. 1 and 2, which is 5.68 cfs (2,549 gpm).

This Transfer is to add Wells Nos. 1 and 3 as additional points of appropriation to Certificate 43934. The intent is to allow better flexibility in the operational management of the three wells. At no time will the maximum allowable rate of 5.68 cfs (2,549 gpm) be exceeded by the combined rates of the three wells.

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

UMAT 2403

RECEIVED
FEB 4 - 1972
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

UMAT 2403

State Well No. 4N/28-19 aaa.

State Permit No. G-5681

(1) OWNER:
Name Lamb-Weston, Inc.
Address Port of Umatilla, John Dreyer, Manager McNary area

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [X] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:
Threaded [ ] Welded [X]
22" Diam. from 0 ft. to 19 ft. Gage .250
18" Diam. from 0 ft. to 103 ft. Gage .375
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used Mills knife
Size of perforations 1/2 in. by 3 in.
8 per ft. perforations from 72 ft. to 92 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? Lane Pump-Pasco W.
Yield: 100 gal./min. with 35 ft. drawdown after 48 hrs.
" " "
" " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Slurry of Bentonite in diesel
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 22 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 4 sacks
Number of sacks of bentonite used in well seal 4 sacks
Brand name of bentonite National
Number of pounds of bentonite per 100 gallons of water 25 lbs./100 gals.
Was a drive shoe used? [X] Yes [ ] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Umatilla Driller's well number
¼ ¼ Section 19 T. 4N. R. 28E W.M.
Bearing and distance from section or subdivision corner
T. C. Martin Farm Well No. I

(11) WATER LEVEL: Completed well.
Depth at which water was first found 75 ft.
Static level 62 ft. below land surface. Date 1-12-72
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 15 1/2
Depth drilled 110 ft. Depth of completed well 110 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Surface sand brown	0	5	
Cement gravel	5	25	
Boulders & gravel	25	40	
clay & gravel yellow	40	75	
gravel	75	92	62
Rock black broken	92	96	"
sand black coarse	96	102	"
rock black broken	102	110	"

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OWRD

Work started 12-28 19 71 Completed 1-12 19 72
Date well drilling machine moved off of well 1-13 19 72

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] R. L. Allison Date 1-13, 1972
(Drilling Machine Operator)
Drilling Machine Operator's License No. 300

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Allison Drlg. Co. (Person, firm or corporation) (Type or print)
Address R2 Box 309-D Hermiston, Ore.
[Signed] R. L. Allison (Water Well Contractor)
Contractor's License No. 419 Date 1-13, 1972

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON, within 30 days from the date of well completion.

RECEIVED APR 27 1972 STATE ENGINEER SALEM, OREGON

UMAT 2401

WATER WELL REPORT
STATE OF OREGON

(Please type or print) (Do not write above this line)

UMAT 2401

State Well No. 4N/28-19

State Permit No.

(1) OWNER:
Name Lamb-Weston Inc
Address Port of Umatilla, McNary area
manager John Trumper

(2) TYPE OF WORK (check):
New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary ☐ Driven ☐ Cable ☒ Jetted ☐ Dug ☐ Bored ☐

(4) PROPOSED USE (check): Domestic ☐ Industrial ☒ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(5) CASING INSTALLED: Threaded ☐ Welded ☒
16 " Diam. from 100 ft. to 128 ft. Gage 250 Drive
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS: Perforated? ☒ Yes ☐ No.
Type of perforator used Mills knife
Size of perforations 1/2 in. by 3 in.
360 perforations from 80 ft. to 93 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " "
" " "
Bailer test 100 gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal in.
Diameter of well bore below seal 16 in.
Number of sacks of cement used in well seal 25 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Umatilla Driller's well number
¼ ¼ Section 19 T. 4N R. 28E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found ✓ ft.
Static level 60 ft. below land surface. Date
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 16
Depth drilled 130 ft. Depth of completed well 103 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Gravel coarse	100	105	60
Rock + boulders	105	118	60
Clay green	118	120	60
rock + sand coarse	120	125	60
Clay green	125	127	60
Rock Broken black	127	130	60

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Work started 4-11 1972 Completed 4-24 1972
Date well drilling machine moved off of well 4-25 1972

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] R. Lee Allison (Drilling Machine Operator) Date 4-26, 1972
Drilling Machine Operator's License No. 200

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Allison Bros Co, (Person, firm or corporation) (Type or print)
Address R.2. Box 309-C Hermiston
[Signed] R. Lee Allison (Water Well Contractor)
Contractor's License No. 419 Date 4-26, 1972

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

Drilled 20 feet. 16 inch casing with cement to ground. Drilled hole from 130 to 103 with 10 inch bit.

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

UMAT 2400

UMAT 2400 WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED MAY 16 1973 STATE ENGINEER SALEM OREGON

State Well No. 4N/28E-19

State Permit No.

(1) OWNER:

Name Lamb Weston Inc.

Address Box 705 Hermiston Ore

(2) TYPE OF WORK (check):

New Well ☐ Deepening ☐ Reconditioning ☒ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
D[redacted] ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

) CASING INSTALLED:

Threaded ☐ Welded ☐

" Diam. from ft. to ft. Gage

" Diam. from None ft. to ft. Gage

" Diam. from ft. to ft. Gage

) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Mills knife

Size of perforations 1/2 in. by 2 1/2 in.

336 perforations from 89 ft. to 110 ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

gal./min. with ft. drawdown after hrs.

" " "

" " "

Bailer test 100 gal./min. with 0 ft. drawdown after 16 hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used none

Well sealed from land surface to ft.

Diameter of well bore to bottom of seal in.

Diameter of well bore below seal in.

Number of sacks of cement used in well seal sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number

¼ ¼ Section 19 T. 4N R. 28E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found ✓ ft.

Static level 60 ft. below land surface. Date 5-11-73

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 16

Depth drilled 0 ft. Depth of completed well 130 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Drilled out cement from 103 To 130 & perforated Pipe			

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Work started 5-4 19 73 Completed 5-11 19 73

Date well drilling machine moved off of well 5-14 19 73

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] R. L. Allison (Drilling Machine Operator) Date 5.14, 19 73

Drilling Machine Operator's License No. 300

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Allison Drlg Co. Or (Person, firm or corporation) (Type or print)

Address R2 Box 309 D-C Hermiston

[Signed] R. L. Allison (Water Well Contractor)

Contractor's License No. 419 Date 5-14, 19 73

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45658-119

UMAT 2402

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
FEB 14 1972
STATE ENGINEER
SALEM, OREGON

UMAT 2402

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

State Well No. 4N/28E-19cc

State Permit No. G-5720

(1) OWNER:
Name Lamb-Weston Inc
Address Shp. Groupe manager. Port of Umatilla. Mc Nary Ore

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [X] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:
Threaded [ ] Welded [X]
22" Diam. from 0 ft. to 19 ft. Gage .250
18" Diam. from 0 ft. to 135.10 ft. Gage .375
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used Mills knife
Size of perforations 1/2 in. by 3 in.
360 perforations from 80 ft. to 95 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? Lane Pump Rusco W.
Yield: 1500 gal./min. with 25 ft. drawdown after 24 hrs.
" " "
" " "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Was a surface sanitary seal provided? Slurry of Bentonite used in drilling
Well seal—Material used Bentonite 0
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 22 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal sacks
Number of sacks of bentonite used in well seal 6 sacks
Brand name of bentonite National
Number of pounds of bentonite per 100 gallons of water 25 lbs./100 gals.
Was a drive shoe used? [X] Yes [ ] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Umatilla Driller's well number
¼ ¼ Section 19 T. 4N R. 28E W.M.
Bearing and distance from section or subdivision corner
T.C. Martin No 2

(11) WATER LEVEL: Completed well.
Depth at which water was first found 72 ft.
Static level 62 ft. below land surface. Date 2-7-72
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 15 1/2
Depth drilled 137 ft. Depth of completed well 137 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Surface sand brown	0	5	
cement gravel & boulders	5	72	
Gravel	72	95	62
clay + sand yellow	95	100	62
sand + gravel	100	103	62
sand black	103	121	62
rock block broken	121	122	62
sand & fine gravel	122	126	62
broken rock & clay	126	135	62
rock grey hard	135	137	62

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Work started 1-14 1972 Completed 2-7 1972
Date well drilling machine moved off of well 2-8 1972

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] R. L. Allison (Drilling Machine Operator) Date 2-10, 1972
Drilling Machine Operator's License No. 300

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Allison Drlg. Co. (Person, firm or corporation) (Type or print)
Address R2 Box 309-C Hermiston
[Signed] R. L. Allison (Water Well Contractor)
Contractor's License No. 419 Date 2-10, 1972

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

UMAT 2601

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

RECEIVED
APR 10 1973
STATE ENGINEER
SALEM, OREGON

State Well No. 4N/28E-30
State Permit No. 6-2869

(1) OWNER:
Name Land-Nguton, Inc.
Address Box 705 Hermiston, Ore.

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [X] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:
Threaded [ ] Welded [X]
18 " Diam. from 0 ft. to 84½ ft. Gage .375
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used Mills knife
Size of perforations ½ in. by 3/16 in.
231 perforations from 45 ft. to 55 ft.
341 perforations from 60 ft. to 75 ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? Lane Pump Co.
Yield: 1200 gal./min. with 17 ft. drawdown after one hr.
" " " "
" " " "
Bailer test ~~700~~ gal./min. with ~~12~~ ft. drawdown after ~~1~~ hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 22 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 10 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? [X] Yes [ ] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Umatilla Driller's well number
¼ ¼ Section 30 T. 4N R. 28E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found from 43 To 55 ft.
Static level 40 ft. below land surface. Date 3-23-73
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 16
Depth drilled 98 ft. Depth of completed well 98 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Surface sand brown	0	2	
Boulders gray	2	26	
Cement gravel	26	43	
gravel	43	55	40
Clay medium	55	60	"
grit sand + gravel	60	68	"
gravel	68	74	"
black sand + gravel	74	83	"
rock black broken	83	96	"
rock gray hard	96	98	"

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Work started 3-9 1973 Completed 3-23 1973
Date well drilling machine moved off of well 3-26 1973

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] K. L. Allison (Drilling Machine Operator) Date 4-4, 1973
Drilling Machine Operator's License No. 300

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Allison Drlg. Co. (Person, firm or corporation) (Type or print)
Address R2 Box 209-E Hermiston Ore
[Signed] K. L. Allison (Water Well Contractor)
Contractor's License No. 419 Date 4-4, 1973

(USE ADDITIONAL SHEETS IF NECESSARY)

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