



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: 86567**
 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):

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Additional signature(s) required
<input type="checkbox"/> Other/Explanation _____	<input type="checkbox"/> Part _____ is incomplete

Staff: _____ 503-986-0_____ Date: ____/____/____

Part 2 of 5 – Transfer Application Map Checklist

Your transfer application will be returned 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°).

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Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME Kraemer Farms, Ray Stafford			PHONE NO. (503) 845-2489	ADDITIONAL CONTACT NO.
ADDRESS 13318 Dominic Rd.				FAX NO.
CITY Mt. Angel	STATE OR	ZIP 97362	E-MAIL	
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 Malia R. Kupillas			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 18487 S. Valley Vista Road				FAX NO.
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phg@bctonline.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: This transfer is to allow drip irrigation of hazelnut trees. The trees are planted on a 20 foot by 20 foot spacing in a grid pattern with a 3 foot wetted area circling each tree.

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)

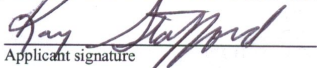
Check One Box

- 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 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: Statesman's Journal, Salem, OR.

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


Applicant signature

RAY STAFFORD
Print Name (and Title if applicable)

06-02-2018
Date

Applicant signature

Print Name (and Title if applicable)

Date

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.

From:

TL 06 1E 17 300, 500

Harold and Ann Kraemer Family Trust
13318 Dominic Rd NE
Mt Angel, OR 97362

TL 06 1E 18 1500

Kraemer Farms Inc.
13318 Dominic Rd NE
Mt Angel, OR 97362

To:

TL 06 1E 500

Northwest Agricultural Properties LLC (aka Kramer Farms)
PO Box 230
Mt. Angel, OR 97362

TL 06 1E 17 1700

Edgar and Jean Fennimore trustee (Kramer Farms purchasing under contract. See attached contract)
PO Box 230
Mt. Angel, OR 97362

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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 OR	ZIP 97305

 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 Marion County Planning Division	ADDRESS 5155 Silverton Road NE	RECEIVED
CITY Salem	STATE	

ENTITY NAME	ADDRESS	JUN 08 2018
CITY	STATE	OWRD

INSTRUCTIONS for editing the Application Form

To add additional lines to tables within the forms or to copy and paste additional Part 5 pages, please **save the application form to your computer**. Unlock the document by using one of the following instructions for your Microsoft Word software version:

Microsoft Word 2003

Unlock the document by one of the following:

- Using the **Tools** menu => click **Unprotect Document**;

OR

- Using the **Forms** toolbar => click on the **Protect/Unprotect** icon.

To relock the document to enable the checkboxes to work, you will need to:

- Using the **Tools** menu => click **Protect Document**;

OR

- Using the **Forms** toolbar => click on the **Protect/Unprotect** icon.

Microsoft Word 2007

- Unlock the document by clicking the **Review** tab, then click **Protect Document**, then click **Stop Protect**
- To relock the document, click **Editing Restrictions**, then click **Allow Only This Type of Editing**, select **Filling In Forms** from the drop-down menu, then check **Yes, Start Enforcing Protection**.

Microsoft Word 2010

- Unlock the document by clicking the **Review** tab; toggle the **Restrict Editing icon** at the upper right, then click **Stop Protect** at the bottom right. Then uncheck the “**Allow only this type of editing** in the document: **Filling in forms**” in the “Editing restrictions” section on the right-hand list of options.
- To relock the document, check the **Editing Restrictions/Allow Only This Type of Editing/Filling In Forms** box from the drop-down menu, then check **Yes, Start Enforcing Protection**. You do not need to assign a password for the editing restrictions.

Other Alternatives:

- Photocopy pages or tables in Part 5, ~~mark through~~ any non-applicable information, insert/attach photocopied pages to document in the appropriate location, and manually amend page numbers as necessary (e.g. Page 5 of 9 10).
- You may refer to additional attachments that you may include, such as separately produced tables or spreadsheets to convey large numbers of rows of place of use listings, owner/property parcels, etc. You may contact the Department at 503-986-0900 and ask for Transfer Staff if you have questions.

Once the application has been unlocked, you may:

- add additional rows to tables using the Table tools, and
- select and copy the pages of Part 5 and paste as many additional sets of Part 5 pages as needed at the end of the application.

After editing, re-lock the document to enable checkboxes to work.

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Part 5 of 5 – Water Right Information

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 # 86567

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Description of Water Delivery System

System capacity: 1.3 cubic feet per second (cfs) **OR**
 _____ gallons per minute (gpm)

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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. **Water is pumped from any of the wells into an interconnected mainline system. There is an existing mainline that goes under the Cascade Hwy 213 to the land identified for this transfer. Water will be applied to the trees using drip irrigation.**

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 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 5576	6	S	1	E	17	NW	NW	DLC 43	1,110 feet south and 80 feet east from NW corner, Section 17.
Lone Pine	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 5618	6	S	1	E	17	SE	NW	DLC 48	1,425 feet south and 2,075 feet east from NW corner, Section 17.
Drake	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 5625	6	S	1	E	18	SW	NE	TL 500	1,900 feet south and 1,660 feet west from NE corner, Section 18.

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> 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 # 86567

List the change proposed for the acreage in each 1/4 1/4. 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	1/4	1/4	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	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date				
6	S	1	E	17	NE	NW	500	DLC 48	0.3	IR	Well 1, Lone Pine, Drake	9/18/74	6	S	1	E	16	NW	SW	500	DLC 39	0.03	NA	Well 1, Lone Pine, Drake	9/18/74	
6	S	1	E	17	SE	NW	500	DLC 48	1.8	IR	Well 1, Lone Pine, Drake	9/18/74	6	S	1	E	16	NW	SW	500	Lot 4	0.1	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	16	SW	SW	500	Lot 5	0.07	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	NE	SE	500	Lot 2	0.2	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	NE	SE	1700	DLC 48	0.1	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	NW	SE	1700	DLC 48	0.18	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	SW	SE	1700 1800	DLC 48	0.5	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	SE	SE	1700 1800	DLC 48	0.1	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	17	SE	SE	500	Lot 3	0.3	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	20	NE	NE	500	Lot 1	0.02	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	20	NE	NE	500	DLC 48	0.1	NA	Well 1, Lone Pine, Drake	9/18/74	
													6	S	1	E	20	NW	NE	500	DLC 48	0.4	NA	Well 1, Lone Pine, Drake	9/18/74	
TOTAL ACRES:							2.1												TOTAL ACRES:							2.1

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Additional remarks: _____.

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? Yes No

If YES, list the certificate, water use permit, or ground water registration numbers: _____.

➔ Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # _____;
Surface water primary Certificate # _____.

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # _____

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 than full rate of water right

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Well 1

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

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

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800
65/E-1566
G-9180, G-7584
and G-6668(Trans 814)

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

APR 28 1977

State Well No.

State Permit No.

(Do not write above this line)
WATER RESOURCES DEPT.
SALEM, OREGON

(1) OWNER:

Name Harold Kramer
Address Rt. 1 Box 84 Mt. Angel 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
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

12" Diam. from 1 ft. to 68 1/2 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? Yes No.
Type of perforator used _____
Size of perforations in. by _____ in.
_____ perforations from _____ ft. to _____ 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? STETTLER SUPPLY
Weld: 1365 gal./min. with 140 ft. drawdown after 8 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 Cement
Well sealed from land surface to 68 1/2 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 48 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 Marion Driller's well number _____
NW 1/4 NW 1/4 Section 17 T. 6S R. 1E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 190 ft.
Static level 30 ft. below land surface. Date 2-3-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12
Depth drilled 401 ft. Depth of completed well 400 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
Topsoil	0	1	
Clay Brwn.	1	7	
Conglom Med	7	17	
CONG COARSE	17	28	
Clay Grey	28	31	
Conglom med	31	35	
Sandstone Grey&Brwn	35	61	
Basalt Grey Hard	61	190	
Basalt Grey & Brwn. Hard	190	210	W.B.
Basalt Grey Hard	210	298	
Basalt Brwn. Wethered	298	309	W.B.
Basalt Grey Hard	309	372	
Wthrd Basalt & Conglom			
Brwn. & pourous	372	388	
Conglom Grey	388	401	

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Work started 2-18 1977 Completed 2-3 1977
Date well drilling machine moved off of well 3-3 1977

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] Charles E. Stadel Date 3-5 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 519-860-720

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 Stadell Drilling Co.
(Person, firm or corporation) (Type or print)
Address Rt. 1 Mt. Angel Ore.
[Signed] Charles E. Stadel
(Water Well Contractor)
Contractor's License No. 519 Date 3-5 1977

Lone Pine

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

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

RECEIVED

STATE OF OREGON
(Please type or print)

State Well No. 6511E-176d

State Permit No.

APR 2 1980 (Do not write above this line)

(1) OWNER: WATER RESOURCES DEPT
SALEM, OREGON

Name Harold Kraemer
Address 13318 Dominic Rd. NE
Mt. Angel, Oregon 97362

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

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
 Jetted Irrigation Test Well Other
 Bored

(5) CASING INSTALLED:
12" Diam. from +1 ft. to 28 ft. Gage .250
10" Diam. from 0 ft. to 376 ft. Gage .250

(6) PERFORATIONS:
Type of perforator used Factory Perforated 10" Liner
Size of perforations 1/4 in. by 2 1/2 in. .250
4164 perforations from 76 ft. to 376 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
a pump test made? Yes No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
AIR App700 gal./min. with 61 ft. drawdown after 6 hrs.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 28 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 58 sacks
How was cement grout placed? Pressure

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 Marion Driller's well number
SE 1/4 NW 1/4 Section 17 T. 6S R. 1E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 73 ft.
Static level 34 ft. below land surface. Date 3/4/80
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 400 ft. Depth of completed well 376 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
Top Soil	0	2	
Clay & Cobblestones	2	18	
Clay	18	20	
Basalt Grey	20	28	
Basalt Hard Grey	28	71	
Broken Fractures Basalt	71	74	WB
Basalt Hard with seams brown	74	130	
Weathered Basalt Brown	130	137	WB
Basalt Hard Grey	137	170	
Weathered Basalt Brown	170	175	WB
Basalt Hard Grey w/ streaks of sandy brown	175	325	WB
Claystone Black	325	340	
Basalt Hard Grey w/ some seams of brown	340	400	WB

Work started 1/15 19 80 Completed 3/4 19 80
Date well drilling machine moved off of well 3/4 19 80

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] Charles E. Stubbli Date 3/27, 19. 80
(Drilling Machine Operator)
Drilling Machine Operator's License No. 84

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 West Coast Drilling Co., Inc.
(Person, firm or corporation) (Type or print)
Address 220 Academy St. Mt. Angel, OR 97362
[Signed] Charles E. Stubbli
(Water Well Contractor)
Contractor's License No. 519 Date 3/27 19 80

Drake

RECEIVED

MAR 25 1985

65/E-18aa

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

AUG 19 1985

PLEASE TYPE OR PRINT IN INK

WATER RESOURCES DEPT

(for official use only)

(1) OWNER:

SALEM, OREGON

Name Kraemer Farms Inc.
Address 13318 Dominic Rd. NE
City Mt. Angel, Or. State 97362

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Thermal Withdrawal Reinjection
Cable Bored Other: Piezometric Grounding Test

(5) CASING INSTALLED: Steel Plastic
Threaded Welded
12" Diam. from +1 ft. to 203 ft. Gauge 250
" Diam. from ft. to ft. Gauge

LINER INSTALLED: Steel Plastic
Threaded Welded
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Size of perforations in. by Perforated? Yes No
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name Model No.
Type 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?
Air test 1200 gal./min. with drill stem at 440 ft. 2 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:

Special standards: Yes No

Well seal—Material used Cement grout
Well sealed from land surface to 20' 185'-203' ft.
Diameter of well bore to bottom of seal 16" in.
Diameter of well bore below seal 12" in.
Amount of sealing material 36 sacks pounds
How was cement grout placed? pumped with diaph. pump thru 2" pipe, & 1" pipe
Was pump installed? no Type HP Depth ft.
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: ft.
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Marion NE 1/4 NE 1/4 of Section 18 of Township T6S Range 1E WM.
(Township is North or South) (Range is East or West)
Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address) NA

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 325 ft.
Static level 89 ft. below land surface. Date 8-1-85
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"
Depth drilled 440 ft. Depth of completed well 440 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
Soil med brown	0	1	
Clay med brown	1	12	
Conglm gray large, clay strkxn binder	12	102	
Sand, packed gray	102	124	
Gravel gray small	124	156	
Sand, packed gray	156	188	
Basalt med gray	188	207	
Basalt weathrd brn	207	245	
Basalt hard gray	245	283	
Basalt hard blk	283	325	
Basalt porous blk	325	378	H20
Basalt hard gray	378	386	
Basalt grainy blk	386	388	
Sanstone med grn	388	393	
Basalt fract blk-brn	393	412	
Sandstn coarse grain grn	412	419	
Sandstn brn hard fract	419	440	H20

Date work started 7-26-85 /completed 7-31-85
Date well drilling machine moved off of well 8-1-85 19

(unbonded) Water Well Constructor Certification (if applicable):

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

[Signed] _____ Date _____, 19 _____

(bonded) Water Well Constructor Certification:

Bond _____ (number) Issued by: _____ (Surety Company Name)
On behalf of West Coast Drilling Chuck Stadel
(Type or print name of Water Well Constructor)

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

(Signed) Chuck Stadel (Water Well Constructor)

(Dated) 8-6-85

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

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP#46866-690