

# **Application for Groundwater Registration Modification**

Part 1 of 5 - Minimum Requirements Checklist

This Groundwater Registration Modification application will be returned if Parts 1 through 4 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Transfer Section.

Che	ck all in	For questions, please call (503) 986-0900, and ask for Tracelled with this application ( $N/A = Not Applicable$ )	nster Section. RECEIVED
$\boxtimes$	ck an m	Part 1 – Completed Minimum Requirements Checklist.	NOV 1 8 2020
$\times$		Part 2 – Completed Application Map Checklist.	
$\boxtimes$		Part 3 – Completed Applicant Information and Signature.	OWRD
$\boxtimes$		Part 4 – Completed Groundwater Registration Modification Registration Information. (Only one Groundwater registration Groundwater registrations to be modified are layered).	
$\boxtimes$		Completed Groundwater Registration Modification Application prepared by a Certified Water Right Examiner).	tion Map (Does not have to be
$\boxtimes$		Groundwater registration modification fees – Amount enclo (\$875.00 for a place of use change only; \$1,250.00 for any	
		Attachments:	
	N/A	Request for Assignment Form and statutory fee. This form applicant owns the land to which the registration is appurted certificate holder of record. The Request for Assignment For <a href="https://www.oregon.gov/OWRD/Forms/Pages/default.aspx.">https://www.oregon.gov/OWRD/Forms/Pages/default.aspx.</a>	nant and is <b>not</b> the registration orm is available at
		Assignment is not needed for any person or entity who can request recognition of a modification (e.g. legal representation the applicant is named on the certificate of registration, certificate of registration.	ve, power of attorney, agent, etc.)
	□ N/A	Oregon Water Resources Department's Land Use Informatisignature (or signed land use form receipt stub) from each lewater is to be diverted, conveyed, and/or used. Not required conveyed, and/or used only on federal lands or if <b>all</b> of the place of use only, b) no structural changes, c) the use of was use is located within an irrigation district or an exclusive face.	ocal land use authority in which if water is to be diverted, following apply: a) a change in ter is for irrigation only, and d) the
$\boxtimes$	□ N/A	Water Well Report/Well Log for changes in point(s) of app point(s) of appropriation.	ropriation (well(s)) or additional
		(For Staff Use Only)	
		WE ARE RETURNING YOUR APPLICATION FOR THE FOLLO	
			uded or incomplete
			Form and fee not enclosed/insufficient
		Additional signature(s) required Part is Other/Explanation	s incomplete
		Staff: 503-986-0 Date:	/ /

# Part 2 of 4 - Groundwater Registration Modification Map Checklist

Your Groundwater Registration Modification application will be returned if any of the map requirements listed below are not met.

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Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does <u>not</u> have to be prepared by 1 8 2020 Certified Water Right Examiner. Check all boxes that apply.

$\boxtimes$	Permanent quality printed with dark ink on good quality paper.	(L
$\boxtimes$	The size of the map can be $8\frac{1}{2} \times 11$ inches, $8\frac{1}{2} \times 14$ inches, $11 \times 17$ inches, or up to $30 \times 30$ inches. For $30 \times 30$ inch maps, one extra copy is required.	
$\boxtimes$	A north arrow, a legend, and scale.	
	The scale of the map must be: $1 \text{ inch} = 400 \text{ feet}$ , $1 \text{ inch} = 1,320 \text{ feet}$ , the scale of the county assessor map if the scale is not smaller than $1 \text{ inch} = 1,320 \text{ feet}$ , or a scale that has been preapproved by the Department.	
	Township, Range, Section, $\frac{1}{4}$ $\frac{1}{4}$ , DLC, Government Lot, and other recognized public land survey lines.	
$\boxtimes$	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 appropriation such as main pipelines, canals, and ditches.	
	Existing place of use that includes hachuring, 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 registration is being changed, a separate hachuring is needed for the portion of the registration left unchanged.	
□ N/A	If you are proposing a modification in place of use, show the proposed place of use with hachuring including 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 appropriation with distance and bearing or coordinates from a recognized survey corner.	
⊠ N/A	If you are proposing a modification in point(s) of appropriation, 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 $-42^{\circ}32'15.5"$ ) or degrees-decimal with five or more digits after the decimal (example $-42.53764^{\circ}$ ).	

# Part 3 of 4 - Applicant Information and Signature

Applicant Information

Applicant inform	ation			
APPLICANT/BUSINESS NAM	ΙE		PHONE NO.	ADDITIONAL CONTACT NO.
ACMPC Oregon 2, LLC	(dba Halls Ferr	y Farms)	(541) 327-7853	(503) 551-6544
ADDRESS				FAX NO.
PO Box 717				
CITY	STATE	ZIP	E-MAIL	
Jefferson	OR	97352	riverbend@agrica	re.com
				ORRESPONDENCE FROM THE
DEPARTMENT ELECTR	ONICALLY. CO	PIES OF THE F	INAL ORDER DOCUMEN	TS WILL ALSO BE MAILED.

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

	,			ORRESPONDENCE FROM THE ITS WILL ALSO BE MAILED.
Turner	OR	97392	willmcgill.surveyin	ng@gmail.com
CITY	STATE	ZIP	E-MAIL	
15333 Pletzer Rd. SE				
ADDRESS				FAX NO.
APPLICANT/BUSINESS NAI Will McGill Surveying,			PHONE NO. <b>(503) 510-3026</b>	ADDITIONAL CONTACT NO. (503) 931-0210

Explain in your own words what you propose to accomplish with this modification; and why: *It is proposed to add wells 5, 7, & 27 to GR 1513 as additional points of appropriation.* 

Check this box if this project is fully or partiall	y funded by	the American	Recovery an	d
Reinvestment Act. (Federal stimulus dollars)				

$\boxtimes$	(Check one box)  By signing this application, I (we) understand that, upon receipt of the draft preliminary determination and Department approval of the Groundwater modification, I (we) will be required to provide landownership information and evidence that I am authorized to pursue the modification as identified in OAR 690-382-040 OR	•
	I (we) 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; <b>OR</b>	RECEIVED

I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the Groundwater registration proposed for modification is appurtenant by condemnation and have attached supporting documentation. NOV 1 8 2020

I understand that prior to Department approval of the groundwater registration modification, 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 groundwater registration 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 paper: <u>Polk County Itemizer-Observer (Dallas)</u>.

Is the applicant the sole owner of the land on which the Groundwater registration modification or portion thereof, 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 Groundwater registration has been conveyed.

Check the appropriate box, if applicable:		
Check here if the Groundwater registrative within or served by an irrigation or other	on proposed for modification water district.	is or will be located
IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP
Check here if water for the Groundwater or other contract with a federal agency of		a water service agreemen
ENTITY NAME	ADDRESS	
CITY	STATE	ZIP
To meet State Land Use Consistency Require county, city, municipal corporation, or triba diverted, conveyed or used.	rements, you must list all local government) within whose ju	l governments (each arisdiction water will be
ENTITY NAME Polk County	ADDRESS 350 Main St.	
CITY Dallas	STATE OR	ZIP 97338
ENTITY NAME	ADDRESS	

STATE

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NOV 1 8 2020
OWRD

ZIP

13569

CITY

# Part 4 of 4 - Groundwater Registration Information

# Registration GR-1513 (Certificate # GR-1461)

Table 1. Location of Authorized and Proposed Point(s) of Appropriation (POA)

(Note: If the POA name is not specified in the registration, assign it a name or number here.)

POA Name or Number	Is this POA Authorized by the registration or is it Proposed?	OWRD Well Log ID# (or Well ID Tag # L)	Т	wp	R	ing	Sec	1/4	4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 6		POLK 2879	8	s	4	w	11	NE	NW	103	S 84° 30' E – 2190' from NW corner of sec. 11
Well 5	☐ Authorized ☐ Proposed	POLK 53567	8	s	4	w	2	NE	sw	103	1365' N and 2055' E from SW corner of sec. 2
Well 7	☐ Authorized ☐ Proposed	POLK 2791	8	S	4	w	2	NE	sw	103	1525' N and 1485' E from SW corner of sec. 2
Well 27	☐ Authorized ☐ Proposed	POLK 54272	8	s	4	w	11	NW	sw	104	2930' S and 570' E from NW corner of sec. 11

	M Pio	ooseu	342/2							sec. 1	1
	all typ	. ,	nodification	s(s) prop	osed l	below (	modific	eation	"COD	ES" a	re provided in
	Place	e of Use	(POU)				Point o	of App	ropriati	on (w	rell) (POA)
	Char	acter of	Use (USE)			$\boxtimes$	Additi	onal P	oint of	Appro	priation (APOA)
Will al	ll of the	propos	sed changes	affect th	e entir	e Grou	ındwat	er reg	istratio	n?	
	Yes		ete only the p ES" listed ab							he ne	xt page. Use the
	No	Comple	ete all of Tab	ole 2 to de	escribe	the po	rtion of	the re	gistratio	on to b	e changed.
											RECEIVED
											NOV 1 8 2020
											OWRD

# Table 2. Description of Modifications to Registration GR-1513 (Certificate # GR-1461)

specify the acreage associated with each modification. If more than one POA, specify the acreage associated with each POA. List only the part of the registration that will be modified. For the acreage in each 1/4 1/4, list the modification proposed. If more than one modification,

			42.7	RES	TOTAL ACRES	TOTA										ES	TOTAL ACRES	TOT,			
1951	Well 5, 6, 7, 27	Irrigation	12.8		103	WN	SE	11	4 W	S	APOA 8										
1951	Well 5, 6, 7, 27	Irrigation	8.8		103	WN	ZE	11	4 W	S	APOA 8										
1951	Well 5, 6, 7, 27	Irrigation	3.8		103	ZE	SW	W 11	4 W	S	APOA 8										
1951	Well 5, 6, 7, 27	Irrigation	13.8		103	Z	WN	11	4 W	S	APOA 8										
1951	Well 5, 6, 7, 27	Irrigation	3.5		107	SE	SW	2	4 W	S	APOA 8										
Priority Date	POA(s) to be used (from Table 1)	New Type of USE	Acres	Gvt Lot or Acres DLC	Tax Lot	74 74		Sec	Rng	Twp	"CODES" from previous page) T	Priority from	POA(s) (name or number from Table 1)	Type of USE POA(s) (name listed on or number Certificate from Table 1)	Gvt Lot or Acres DLC	Gvt Lot or DLC	Tax Lot	14 14	Sec	Rng	Twp
13	HANGE	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.	or "or ER PR	(the "to") ear AFTE are made	ED (tl appear	)POS	PR( as it w	ting	he lis	1	Proposed Changes (see		AUTHORIZED (the "from" or "off" lands) The listing that appears in the registration BEFORE PROPOSED CHANGES List only that part or portion of the groundwater registration that will be changed.	AUTHORIZED (the "from" or "off" lands) ppears in the registration BEFORE PROPO or to portion of the groundwater registration that	from" on BEF	(the "	the regin of the	AUTHOR appears in art or portion	that a	listing st only	The

farm POA/POD labeling system. Additional remarks: Well 4 described in GR 1513 is the same as Well 6 in this application. Well 4 could not be used due to a conflict with the all-

# Groundwater Registration # GR-1513 (Certificate # GR-1461)

For a modification in place of use or character of use:

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

If YES, list the other certificate, water use permit, or other Groundwater registration numbers: **CERT. 86604, 68266, INCHOATE T-12036** 



Pursuant to OAR 690-382-0200, any "layered" water use, such as an irrigation right that is supplemental to a primary irrigation right proposed for transfer, must be concurrently transferred with the registration or be cancelled. Any change to a water right must be filed separately in a transfer application. Any change to a water use permit must be filed separately with a permit amendment. Any modification to a Groundwater registration on the "to" lands must be filed separately with a Groundwater registration modification.

1	ands must be filed separately with a Groundwater registration modification.	
For modi	fications in point(s) of appropriation (well(s) or additional point(s) of appropriation:	RECEIVE
$\boxtimes$	Well log(s) are attached for each well that are clearly labeled and associated with the	OLLOLIVE
	corresponding well(s) in Table 1 above and on the accompanying application map.	NOV 1 8 20
	(Tip: You may search for well logs on the Department's web page at:	20
	http://apps.wrd.state.or.us/apps/gw/well_log/)	OWRD
ANI	D/OR	OWND
	Describe the construction of the authorized and proposed well(s) in Table 3 for any wells do not have a well log. For <i>proposed wells not yet constructed or built</i> , provide "a best estimate" for each requested information element in the table. The Department recommendation	

you consult a licensed well driller, geologist, or certified water right examiner to assist with

# 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 adequate information is likely to delay the processing of your modification 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.

assembling the information necessary to complete Table 3.

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

# STATE ENGINEER Salem, Oregon

# PONC Well Record 2870 GR- 1461

We116	
STATE WELL NO	
COUNTY Polk APPLICATION NO.	

OWNER: E. Clemens Horst Co.	MAILING ADDRESS: .	Rt. 1	••••	
LOCATION OF WELL: Owner's No. #4	CITITY A NIT		Oregon .	*******
NE 1/4 NW 1/4 Sec. 11 T. 8 S., R. 4 W.  Bearing and distance from section or subdivision  corner S.84°30'E. 2190' from NW cor. Sec.	., W.M.	WELL T		
Altitude at well  TYPE OF WELL: Drilled Date Constructed				
Depth drilled 40 Depth cased 40		Section	11	
CASING RECORD:			RECEIV NOV 1 8 2	
FINISH: Torch cut perforations from 25 to 40 ft.			OWR	)
AQUIFERS:				
WATER LEVEL: 25 <sup>t</sup>				
PUMPING EQUIPMENT: Type 4" x 5" Cent. Capacity 300 G.P.M.	•		н.р	30
WELL TESTS: Drawdown 10 ft. after Drawdown ft. after	hours	300		G.P.M.
USE OF WATER Irrigation SOURCE OF INFORMATION GR Record DRILLER or DIGGER ADDITIONAL DATA: Log	Temp	°F		, 19
REMARKS:  Log: Clay loam 0 to 15 ft. Sandy loam 15 to 25 ft. Gravel 25 to 40 ft.				

Irrigation of 42.7 acres.

# **POLK 53567**

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

Well 5

amended

NOV 18 2020

WELL LABEL # L 113610

START CARD # 1023790

(1) LAND OWNER Owner Well I.D. 5430	(9) LOCATION OF WELL (legal description)				
First Name Last Name	County POLK Twp 8 S N/S Range 4 W E/W WM				
Company ACMPC Oregon 2 LLC/Halls Ferry	Sec 21 NE 1/4 of the 3WNW 1/4 Tax Lot 103				
Address 37511 Helms Dr.	Tax Map Number Lot				
City Jefferson State OR Zip 97352	Lat O DMS or DD				
(2) TYPE OF WORK New Well Deepening Conversion	Long or DD DMS or DD				
Alteration (repair/recondition) Abandonment	Street address of well				
(3) DRILL METHOD	5605 Halls Ferry Rd., Independence, OR 97351				
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)				
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening				
Industrial/ Commercial Livestock Dewatering	Completed Well 07-31-2014 24				
Thermal Injection Other	Flowing Artesian? Dry Hole?				
	WATER BEARING ZONES Depth water was first found 25				
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date   From   To   Est Flow   SWL(psi)   + SWL(ft)				
Depth of Completed Well 69 ft.  BORE HOLE SEAL sacks/	07-23-2014 23 33 1,3200				
Dia From To Material From To Amt lbs					
16 0 59 Bentonite 0 18 240 S					
12 59 69					
	(11) WELL LOG Ground Elevation				
How was seal placed: Method A B C D E	Glouid Elevation				
	Material From To Topsoil 0 2				
Other Poured dry	Silty brown clay 2 15				
Backfill placed from ft. to ft. Material Size	Brown sand 15 25				
Explosives used: Yes Type Amount	Brown sand and gravel small 25 50				
Explosives used: Amount	Cemented sand and gravel 50 55				
(6) CASING/LINER	Blue clay   55   56				
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Gray claystone 56 69				
● 12 × 1 69 250 ● ○ × □	16" casing pulled back and allowed to cave around				
	12" from 18' to 59'				
K X H H K X H H					
	MARK DOLL INC. CO. INCORPORTOR				
Shoe Inside Outside Other Location of shoe(s)	JONES DRILLING CO., INCRECEIVED BY OWR				
	29400 SANTIAM HWY.				
Temp casing X Yes Dia 16 From 0 To 59	LEBANON, OR 97355 SEP 2 3 2014				
(7) PERFORATIONS/SCREENS	541-367-2560 541-451-2686				
Perforations Method Torch cut Screens Type Material	1-800-915-8388				
The state of the s	SALEM, OR				
Perf/S Casing/Screen Scrn/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started <u>07-25-2014</u> Completed <u>07-28-2014</u>				
Perf   Casing   12   28   68   .5   12   408	(unbonded) Water Well Constructor Certification				
	I certify that the work I performed on the construction, deepening, alteration, or				
	abandonment of this well is in compliance with Oregon water supply well				
	construction standards. Materials used and information reported above are true to the best of my knowledge and belief.				
(a) NVPLV TROCTO and a second					
(8) WELL TESTS: Minimum testing time is 1 hour	Password: (if filing electronically)				
Pump Bailer Air Flowing Artesian	Signed Signed				
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	1 This is a second				
1,000 16 45 2	(bonded) Wafer Well Constructor Certification				
	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work				
Temperature 53 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well				
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.				
From To Description Amount Units	License Number 1684 Date 08-06-2014				
	Password: (if filing electronically)				
	Signed				
	Contact Info (optional) jones rilling (notmail com				
ORIGINAL - WATER RESOURCES I					

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

* polk	Well 1
State	Well No. 85/4u-2 Permit No.
1 3 M State	Permit No

1						10	-	30		
	S	E	P	1	Po	37	5 Trite	e above	this	line)
			_							

of this report are to be WATER WEL	N RC V	85/4	u-7			
filed with the  STATE ENGINEER, SALEM, OREGON 97310 RECE STATE OF	OREGON State Well No.	Ja				
STATE ENGINEER, SALEM, OREGON 97310 Within 30 days from the date						
within 30 days from the date of well completion.  SEP1 1975	ove this line)					
WATER RESERVE	(10) LOCATION OF WELL:	-				
CALEN OPERA		mher				
Name Gulla Tomas OREGON	2 66	/	2/1	W M		
Address 761 254 259 Sindlingsmet	76 78 5000000 2 2. 0 2	R. 4	<i>w</i>	W.M.		
(A) THE OF WARF (1. I.)	Bearing and distance from section or subdivision	on corner	·			
(2) TYPE OF WORK (check):						
New Well Deepening Reconditioning Abandon						
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.				
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found $\mathcal{S}$	5		ft.		
Rotary Driven Domestic Industrial Municipal	Static level 24 ft. below land s	urface.	Date	7-31-2		
Cable	Artesian pressure lbs. per squar					
Day   Date   Date	22 contra product					
CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well to	elow cas	ing	12		
2 " Diam from + 1 tt to 52 ft. Gage 1250	Depth drilled 53 ft. Depth of compl	eted well	5.	3 n.		
	Formation: Describe color, texture, grain size a	and the last of th				
	and show thickness and nature of each stratur	n and ac	uifer per	netrated,		
	with at least one entry for each change of format position of Static Water Level and indicate prin					
PERFORATIONS: Yes   No.						
_/pe of perforator used	MATERIAL	From	То	SWL		
Size of perforations 3/8 in. by 2-5 in.	Clay + Dianal	0	20			
220 perforations from 35 ft. to 48 ft.	I was suit also we	2.6	20			
perforations from ft. to ft.	Small to med Grouse	20	29			
perforations from ft. to ft.	100	20	31			
(7) SCREENS: Well screen installed?   Yes  No	Hanes	01	97			
	I was Oll to The House	31	10			
Manufacturer's Name	Small w me Trous	2/	70			
Diam. Slot size Set from ft. to ft.	- Va ad	110	19			
Diam. Slot size Set from ft. to ft.	- Arma	28	1			
Diam. Stot size Set from the William It.	Wien shale	110	53			
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	xising xistories	47	00			
	,					
Was a pump test made? Yes No If yes, by whom?	RECEIVED					
Yield: 1710 gal./min. with / tt. drawdown after hrs.						
	NOV 1 8 2020					
п п н	NO 4 T O TOPO					
Bailer test gal./min. with ft. drawdown after hrs.						
Artesian flow g.p.m.	OWRD					
erature of water Depth artesian flow encountered ft.	Work started 7 - 29 1975 Complete	ed 2-	31	1979		
(a) consentrational nill a Alxenia with	Date well drilling machine moved off of well	7-	31	1979		
(9) CONSTRUCTION Of the tende			<u> </u>			
Well seal-Material used	Drilling Machine Operator's Certification:			!-!		
Well sealed from land surface toft.	This well was constructed under my Materials used and information reported					
Diameter of well bore to bottom of sealin.	best knowledge and belief		21	2-		
Diameter of well bore below sealin.	(Drilling Machine Operator)	Date	1-1	, 19/5		
Number of sacks of cement used in well seal sacks	Drilling Machine Operator's License No.	4	56.			
Number of sacks of bentonite used in well seal sacks	Drining Machine Operator's License No.					
Brand name of bentonite	Water Well Contractor's Certification:					
Number of pounds of bentonite per 100 gallons		iction er	d this r	eport is		
of water lbs./100 gals.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.					
Was a drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.	DI FI DILL'					
Did any strata contain unusable water?   Yes   No	(Person, firm or corporation) (Type or print)					
Type of water? depth of strata	Address 7510 Dallas - Salem Hay					
Method of sealing strata off	[Signed] Hence & Ron	ans.	m-			
Was well gravel packed?   Yes   No Size of gravel:		ractor)	- A M	***************************************		
Gravel placed from ft. to ft.	Contractor's License No 13.5 6 9.	8-5	<del>/</del>	., 1925		

# **POLK 54272**

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

Well 27

WELL I.D. LABEL# L 131606

START CARD # 1042219

ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. 5981	POLK 54272
First Name Last Name	(9) LOCATION OF WELL (legal description)
Company ACMPC Oregon 2 LLC	County POLK Twp 8 S N/S Range 4 W E/W WM
Address P.O. Box 717	Sec 11 SW 1/4 of the NW 1/4 Tax Lot 103
City Jefferson State OR Zip 97352	Tax Map Number Lot
(2) TYPE OF WORK New Well Deepening Conversion	Lat ° ' "or DMS or DD
Alteration (complete 2a & 10)   Abandonment(complete 5a)	Long o "or DMS or DD
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well     Nearest address
Casing:	5605 Halls Ferry Rd Independence, OR
Material From To Amt sacks/lbs	
Seal:	(10) STATIC WATER LEVEL
(3) DRILL METHOD  Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft)
	Existing Well / Pre-Alteration
Reverse RotaryOther	Completed Well 05-08-2019 8
(4) PROPOSED USE  Domestic  Irrigation  Community	Flowing Artesian? Dry Hole?
Industrial/ Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 22
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
	DECEIVED
(Attach copy)  Depth of Completed Well 60 ft.	05-08-2019 22 NLC45-1 V L 560 8
	NAV O O COMO
BORE HOLE SEAL sacks/ Dia From To Material From To Amt Ibs	MAY 2 0 2019
16 0 60 Bentonite 0 18 28 S	
Calculated 14	
	OWRD
Calculated	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
Xother Poured dry	Topsoil 0 2
Backfill placed from ft. to ft. Material	Brown clay 2 10
Filter pack from ft. to ft. Material Size	Cemented gravel   10   24
Explosives used: Yes Type Amount	Cemented gravel 27 40
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Gravel cemented 40 47
Proposed Amount Pounds Actual Amount Pounds	Dark grey claystone 47 60
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
12 × 2 60 250 × X	
	RECEIVED
	JONES DRILLING CO., INC.
	29400 SANTIAM HWY. NOV 1 8 707
	LEBANON, OR 97355
Shoe Inside Outside Other Location of shoe(s)	
Temp casing X yes Dia 16 From 0 To 60	541-367-2560 541-451-2686 OWRD
(7) PERFORATIONS/SCREENS	1-800-915-8388
Perforations Method Torch cut	
Screens Type Material	Date Started05-06-2019 Completed 05-08-2019
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification
Perf Casing 20 60 .438 1 800	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to
	the best of my knowledge and belief.
	License Number 1411 Date 5 16 19
(8) WELL TESTS: Minimum testing time is 1 hour	Van C
Pump Bailer (a) Air Flowing Artesian	Signed Signed
	(bonded) Water Well Constructor Certification
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	,
	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply well
Temperature 58 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
Water quality concerns? Yes (describe below) TDS amount 170	License Number 1684 Pate 5116119
From To Description Amount Units	200
	Signed
	Contact Info (ortional) inhesdrilling@hotmail.com

# Polk County Planning notes:

This review is specific to the proposal to use existing wells to irrigate existing hazelnut and blueberry crops, where no structural or non-structural development is proposed. Any activities beyond this scope would require an additional land use compatibility (LUC) review in order to review compliance with the following Overlay zones including; Greenway, regulated 100-year floodplain, Mineral and Aggregate Overlay, and inventoried Significant Resource Areas.

OPERATING AGREEMENT
OF
ACM PERMANENT CROPS, LLC
a Delaware limited liability company

THE INTERESTS (AS DEFINED BELOW) HAVE BEEN ACQUIRED FOR INVESTMENT AND HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, NOR HAVE THEY BEEN REGISTERED OR QUALIFIED UNDER ANY STATE SECURITIES LAWS. THE INTERESTS HAVE BEEN ISSUED AND SOLD PURSUANT TO AN EXEMPTION FROM THE SECURITIES ACT OF 1933, AS AMENDED AND THE SECURITIES LAWS OF THE VARIOUS STATES. THE INTERESTS MAY NOT BE OFFERED FOR SALE, SOLD, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED UNLESS QUALIFIED AND REGISTERED UNDER APPLICABLE STATE AND FEDERAL SECURITIES LAWS OR UNLESS, IN THE OPINION OF COUNSEL SATISFACTORY TO THE MANAGER (AS DEFINED BELOW), SUCH QUALIFICATION AND REGISTRATION ARE NOT REQUIRED. ANY TRANSFER OF THE INTERESTS IS FURTHER SUBJECT TO OTHER RESTRICTIONS, TERMS AND CONDITIONS WHICH ARE SET FORTH IN THIS OPERATING AGREEMENT.

"Investment Committee" is defined in Section 3.02.

"Investment Period" means, in conjunction with the provisions of Section 3.04, the period ending on the date which is four (4) years after the Initial Closing, which period may be extended for one (1) additional one (1) year period upon the determination of the Manager (with the consent of the Advisory Committee), or if earlier, the first date on which all Remaining Capital Commitments (net of amounts reserved by the Manager for remaining Company expenses during the Term, Follow-On Investments and investments with respect to which commitments have been made) are zero.

"Investment Subsidiary" or "Investment Subsidiaries" means entities or tenancies-in-common owned in whole or in part by the Company for purposes of acquiring, owning or operating Portfolio Investments.

"Investor Member" means any Member, excluding the Founding Member.

"Investor Units" means all of the Investor Units issued by the Company to its Members (including the Founding Member) in exchange for Capital Contributions, which represents the Members' respective Interests (excluding the Founder Interests) in the Company.

"IRS" means the Internal Revenue Service.

"JAMS" is defined in Section 12.02(c).

"Key Person" means (i) Thomas E. Avinelis and (ii) those other individuals set forth in Section 4.05(b), as replaced in accordance with the procedure set forth therein.

"Liquidation Date" is defined in Section 10.01(b).

"Losses" is defined in "Profits" or "Losses" below.

"Major Capital Event" means (a) the sale, exchange, or other transfer by the Company of all or any material portion of a Portfolio Investment, (b) the recovery of damage awards, condemnation awards, and insurance proceeds (other than business or rental interruption insurance proceeds), or (c) the placement of financing upon one or more Portfolio Investments.

"Majority in Interest" or "\_\_\_% in Interest" means, at any time, the Members (excluding Defaulting Members) holding collectively more than fifty percent (50%) (or such other stated percentage) of the total Interests of the Company then entitled to vote, as determined based on Investor Units.

"Management Fee" is defined in Section 6.07(a).

"Manager" means the initial manager, Agriculture Capital Management, LLC, or any successor Manager appointed pursuant to this Agreement.

"Maximum Offering" is defined in Section 4.03(a).

"Member" means the Founding Member of the Company admitted as such pursuant to the terms of this Agreement, and any other Person admitted as an Investor Member or Substitute Member pursuant to the terms of this Agreement. References to the Members in the plural, or other like references shall also, where the context so

ACM Permanent Crops, LLC Operating Agreement

requires, be deemed to include the singular or the masculine or feminine reference, as the case may be, and vice Versa.

"Minimum Offering" is defined in Section 4.03(a).

"Nonrecourse Debt" means any Company liability to the extent such liability is nonrecourse and a Member or a Person related to such Member does not bear the economic risk of loss and as otherwise defined in Treasury Regulations 1.704-2(b)(4).

"Offering" means the process or raising capital on behalf of the Company and accepting Members into the Company pursuant to the Private Placement Memorandum and this Agreement.

"Officer" means one or more Persons designated as such by the Manager pursuant to this Agreement, if any.

"Organization and Offering Expense" is defined in Section 6.06(a).

"Parallel Entities" is defined in Section 4.07(c).

"Parties" means, collectively, the Manager and the Members and Officers and the members of the Advisory Committee. Reference to a "Party" means any one of the Parties.

"Patriot Act Compliance Provisions" means the undertakings under the Patriot Act, as defined in the Subscription Agreement, and/or any similar or superseding legislation that may be enacted from time to time.

"Percentage Interest" means the percentage equal to the ratio of a Member's Investor Units to all of the Investor Units issued and outstanding from time to time, as reflected on Schedule "1" attached to this Agreement, as the same may be amended from time to time pursuant to this Agreement, and as may be modified pursuant to Section 3.03.

"Person" means an individual, partnership, limited liability company, trust, estate, association, corporation, pension, profit sharing, or other employee benefit plan, or other Entity, as well as guardian, trustee, executor, administrator, committee, trustee in bankruptcy, receiver, assignee for the benefit of creditors, conservator, or other Person acting in a fiduciary capacity.

"Pooled Partner Vehicle" is defined in Section 11.01(e).

"Portfolio Confidential Information" is defined in Section 11.01(e).

"Portfolio Investment" means debt or equity investments made by the Company (whether directly or indirectly through one or more entities), including investments in real estate and Securities.

"Preferred Return" means, with respect to each Capital Commitment of a Member, a sum equivalent to eight percent (8%) per-annum, compounded annually (and provated for any partial year), of the Unrecovered Capital Contributions of such Member in respect of such Capital Commitment, from time to time during the period to which the respective Preferred Return relates as applicable. Each Member's respective Preferred Return will begin to accrue on (1) the date the capital is contributed (or other such date as agreed to by the Member and the Manager) but (A) not earlier than the date the Member's subscription is accepted and such Investor Units are issued, as determined

ACM Permanent Crobs, LLC Oberating Agreement

"Treasury Regulations" means the Income Tax Regulations, including temporary regulations, promulgated under the Code, as amended from time to time.

"Unpaid Preferred Return" means, with respect to each Investor Member, the sum of such Investor Member's Preferred Return with respect to each Capital Contribution of such Investor Member, less prior distributions under Section 5.01(a)(ii) and Section 10.03(a)(iv).

"Unrecovered Capital Contributions" means, with respect to each Member, the amount of Capital Contribution(s) made by such Member, adjusted as follows:

- (a) Reduced by the amount of cash and the Gross Asset Value of any property distributed to such Member pursuant to Section 5.01(a)(i) and Section 10.03(a)(iii).
- (b) Reduced by the amount of any liabilities of such Member assumed by the Company or which are secured by any property contributed by such Member to the Company.
- (c) Increased by the amount of any Company liabilities which, in connection with any distributions by the Company to such Member, are assumed by such Member or are secured by any Company property distributed to such Member.

If any Member (or Economic Interest Holder) Transfers all or any portion of its Interest (or Economic Interest) in accordance with the terms of this Agreement, its Transferce shall succeed to the Unrecovered Capital Contributions of the Transferor to the extent it relates to the transferred Interest (or Economic Interest).

"Withholding Tax Deficiency" is defined in Section 13.09(c).

# ARTICLE 3 PURPOSES AND INVESTMENTS

- 3.01 Permitted Businesses and Activities. The purposes of the Company shall be to engage in the following activities:
- (a) To invest in permanent cropland and synergistic midstream assets and related undertakings, as set forth in the Company's Private Placement memorandum.
- (b) To acquire, own, hold for investment, develop, entitle, operate, improve, maintain, refinance, manage, lease, exchange, sell and dispose of Portfolio Investments (directly or indirectly through Investment Subsidiaries):
- (c) To acquire and dispose of equity shares or real estate mortgages (directly or indirectly through Investment Subsidiaries), including with the intent to restructure or foreclose upon such instruments to gain control of the underlying real estate;
- (d) To incur Indebtedness, subject to Sections 3.02 and 3.05, on a recourse or non-recourse basis, issue guarantees, and to enter into any instrument in connection therewith, including any pledge, security, assignments or indemnity agreements; and
- (e) To engage in such other activities related or incidental thereto, and to exercise all other powers which may be legally exercised by limited liability companies under the Act and necessary to, reasonably

connected with, or convenient to the conduct, promotion or attainment of the business or purposes of the Company or the protection or benefit of the Company and its assets.

- 3.02 Investment Restrictions, Investment Committee and Advisory Committee Matters.
- (a) Except as otherwise approved by the Advisory Committee, the Manager will not cause the Company to:
- (5) invest equity in any individual Portfolio Investment (directly or indirectly) in an aggregate amount that would exceed 25% of the Aggregate Capital Commitments; or
- (ii) incur, or cause one or more Affiliates to incur, Indebtedness after the Final Closing Date that would cause the aggregate Indebtedness of the Company (including at the portfolio company level) and any Parallel Entity (but excluding capital call lines of credit), to exceed the greater of (x) 40% of the aggregate acquisition cost of all the Company's Portfolio Investments as of the date of determination, or (y) 25% of the fair market value of all Portfolio Investments held by the Company as of the date of determination; provided, however, that any Indebtedness secured by the Remaining Capital Commitments of the Partners shall not be included in the calculation of such Indebtedness. Any Indebtedness secured by Remaining Capital Commitments of the Members shall be limited to the lesser of ten percent (10%) of Aggregate Commitments or one hundred percent (100%) of Remaining Capital Commitments, and shall be limited in duration to no longer than one hundred twenty (120) days; or
- (iii) make any investment outside of the United States, or in any property not currently used primarily for or intended primarily for permanent crop agricultural use, or
- (iv) invest in (x) publicly traded securities or (y) derivative securities or instruments (unless for hedging and not for speculative purposes); or
- (v) re-invest the proceeds of a sale of a Portfolio Investment pursuant to a taxdeferred 1031 exchange; or (vii) acquire or otherwise invest in any Portfolio Investment that is wholly or partially owned by the Manager or any Affiliate thereof (except that the preceding clause shall not apply to assignments to the Company from the Manager or an Affiliate thereof (at no profit to the Manager or such Affiliate) of contracts to purchase potential properties; or
- (vi) sell any Portfolio Investment to a Manager or any Affiliate thereof unless such. sale is approved by the Advisory Committee.

In connection with any Portfolio Investment or other Company property that collateralizes Indebtedness of the Company or its Portfolio Investments and which is secured by a mortgage, deed of trust, security interest, lien or other similar encumbrance, the Company shall not (and shall not permit its Portfolio Investments to) grant or enter into any other mortgage, deed of trust, security interest, lien or other similar encumbrance that would cross-collateralize or otherwise encumber Portfolio Investments or other Company property.

These restrictions apply to the Company and Parallel Entities in the aggregate (but exclude capital call lines of credit). Notwithstanding anything to the contrary in this Agreement, the matters set forth in this Section 3.02 are matters solely among the Members and Manager and shall not affect or limit in any manner the authority of the Manager with respect to third parties as set forth in Section 6.14.

ACM Permanent Crops, LLC Operating Agreement

IN WITNESS WHEREOF, the undersigned Manager and Founding Member have executed and delivered this Agreement as of the day and year first above written, and agree to and acknowledge all of its terms and those of the attached Schodules.

Manuger  Agriculture Capital Managemen an Oregon-finited liability const  By: 300 1 1 1000 1000 Name: Brooke Randali Title: Principal	I, LLC,
Founding Member  Agriculture Capital Managemen an Oregon limited liability come	LLC.
By: Name: Brooks Randall Name: Brooks Randall Title: Principal  The undersigned each admowledge and agree to the obligation set forth	in paragraph F0.04 of this
British Carliffician Capital G	roup, LLC, by Equilibrium on its Managing Member
Michael Steffe Brooks M. Rundal	1-Pardd
ETC Poud  ROWFILLTURES OF OTHER MEMBERS MADE PURS	DANT TO
Counterpart signature pages and subscription ag	REEMENTS
ACM Permanent Crops, ELC Operating Agreement	
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## SCHEDULE "2"

# SCHEDULE OF KEY PERSONS' OUTSIDE ACTIVITIES

OWRD

- Thomas Avinelis: CEO of AgriCare, Chairman of AgriVision;
  Eric Pond: COO, Northwest Operations of AgriCare;
  Robert Hurlbut: Board member, Just Desserts and Board member SK Foods; and
  Michael Skaff: Professor at College of the Sequoias (maximum four classes) and Board member of Brokaw Nursery.

ACMPC Oregon 2, LLC Halls Ferry Farms

Groundwater Registration Modification - GR 1513

Township 8S, Range 4W



