

Main

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Today's Date: Tuesday, December 4, 2018

Base Application Fee.		\$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	1	\$350.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	1	
Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	1	
Permit Recording Fee. ***		\$520.00
* the 1st Water Use is included in the base cost. ** the 1st Ground Water point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$2,210.00
neclassification of	1	

DEXMUTES MITIGATION

\$ 2,880.00 total

Application for a Permit to Use

Groundwater



Oregon Water Resources Department 725 Summer Street NE, Suite A

Salem, Oregon 97301-1266 503-986-0900 www.oregon.gov/OWRD

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

applicant					OWF	
NAME				PHONE (HM)	-	
Linda Hopmann						
PHONE (WK)	CE	LL		FAX		
	54	541-815-6260				
ADDRESS	3					
6	64711 Otter R	un Lane				
CITY	STATE	ZIP	E-MAIL*			
Bend	OR	97703	linda@theherbcente	er.net		
Organization			T	T	-	
NAME			PHONE	FAX		
Total Living Organic Farms, LLC			541-815-6260	CEL I	-	
ADDRESS	200 Highway	20		CELL		
CITY	320 Highway : STATE	ZIP	E-MAIL*			
Bend	OR	97703	linda@theherbcente	er net		
20114	011	107700	III Ida e ti onorboonto	M.HOC		
gent - The agent is authorized to repr	resent the appl	icant in all i	matters relating to this a	application		
AGENT / BUSINESS NAME	resent the appr		PHONE	FAX		
Kate Moore / Dunn Carney LLP			503-417-5375	503-224-7324		
ADDRESS				CELL		
851 SW Sixth Avenue,	Suite 500			193		
	Suite 500 STATE	ZIP	E-MAIL*			
CITY Portland ote: Attach multiple copies as needed By providing an e-mail address, conse	STATE OR ent is given to	97204	kmoore@dunncarne		Paper	
CITY Portland Note: Attach multiple copies as needed By providing an e-mail address, consecutive opies of the proposed and final order do By my signature below I confirm to I am asking to use water specification of this application of this application of the companies of the proposed and final order do I cannot use water legally untile oregon law requires that a permexempt. Acceptance of this application of the companies of the water use of the	ent is given to a locuments will that I understically as descrivill be based of the Water Remit be issued by plication does a ste water. e is not accordible with local a permit, I may	97204 receive all calso be mainstand: ribed in this on information information in the sources Deport of guarantee ting to the tecomprehener.	erms of the permit, the psive land-use plans.	ication. by proposed well, unless the used. cermit can be cancelled.	e is	
Portland Jote: Attach multiple copies as needed By providing an e-mail address, consective opies of the proposed and final order december of the sagnificant of this application of this application of the proposed and the proposed and final order of	ent is given to a locuments will that I understically as descrivill be based of the Water Resmit be issued by plication does a ste water. The is not accordible with local a permit, I may determine the image.	97204 receive all calso be mainstand: ribed in this on information of guarante thing to the teacomprehen by have to stoned in this da Hopman	sorrespondence from the ided.) application. on provided in the application of an ear permit will be issues a permit will be	ication. by proposed well, unless the used. cermit can be cancelled. senior water-right holders to	e is	
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SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.
YES, there are no encumbrances. YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
NO, I have a recorded easement or written authorization permitting access. NO, I do not currently have written authorization or easement permitting access.
NO, I do not currently have written authorization of easement permitting access. NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
NO, because water is to be diverted, conveyed, and/or used only on federal lands.
Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. (<i>Attach additional sheets if necessary</i>).

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

SECTION 3: WELL DEVELOPMENT

		IF LESS	ΓHAN 1 MILE:		
WELL NO.	NAME OF NEAREST SURFACE WATER				
1	Deschutes River	2.2 miles	248'		

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (attach additional sheets if necessary).

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SECTIO)N 3:	WEI	LL DEVELO	PMI	ENT								
Total ma	ximu	m rate	e requested: _	.56 c on	n (<u>e</u> <u></u>	(9.P.M?		ess you inc	dicate well-specific rat	es and ani	nual volum	nes in the tab
found on	the ap	plicab	st be complete ble well log. (L) with a licensed	fa wei	ll le		yes EIVED 03 2018		leting the t	ed. If this is an existing able.) If this is a proper ecessary information.			
S 10 " 1						ON	/RD			PF	ROPOSED	USE	
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	INTERVALS (IN FEET)	OR SCREENED INTERVALS (IN FEET)	INTERVALS (IN FEET)	OST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1		✓	DESC 60151		8	2' - 243'	749' - 770'	0' - 243'	11/06/2014 641'	Lava, Basalt Sandstone	770'	.5	.806 AF
										·			
										ew or newly altered wells. I			

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^{**} Licensed orlifers are required to attach a Department-supplied well 12 g, with a unique well 110 or well 1 ag number to an new or newly attered wells. Landowners can request a well existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

*** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in Attachment 3 or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply: https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

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Is the well or proposed well located in an area where the Upper Columbia Rules apply?

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✓ Yes No

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If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements. RECEIVED

Lower Columbia - OAR 690-033-0220 thru -0230

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Is the well or proposed well located in an area where the Lower Columbia rules apply?

Yes No

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If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

Groundwater - Page 4 For Department Use: App. Number: 6-18767 Rev. 08-18 appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

obtain ap	proval of the pro	posed use.	
If yes, yo	u will be requir	ed to provide the following information, if	applicable.
		osed use is for more than one cubic foot per 690, Division 86 (Water Management and C	
1	f yes, provide a c	description of the measures to be taken to ass	ure reasonably efficient water use:
Statewid	e - OAR 690-03	3-0330 thru -0340	
Is the we	ll or proposed we	ell located in an area where the Statewide rule	es apply?
☐ Yes [✓ No		
proposed Water Re Department threatene If conditi essential proposed	use will occur in esources Department of Agriculture d and endangered ons cannot be ide		nsitive fish species are located. If so, the rement of Environmental Quality, and the ieve "no loss of essential habitat of ential habitat of sensitive (S) fish species." essential T E fish habitat or no net loss of
	USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Nursery		Year round	262,800 gallons (.806 AF)
	gation use only: dicate the numbe	er of primary and supplemental acres to be irr	rigated (must match map).
Primary:	Acres	Supplemental:Acres	
If you lis	ted supplemental	acres, list the Permit or Certificate number of	of the underlying primary water right(s):
Indicate	the maximum tot	al number of acre-feet you expect to use in a	n irrigation season:

• If the use is municipal or quasi-municipal, attach Form M

If the use is domestic, indicate the number of households: ____ (Exempt Uses: Please note that 15,000 gallons per day for single or group domestic purposes and 5,000 gallons per day for a single industrial or commercial purpose are exempt from permitting requirements.)

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	If the use is mining , describe what is being mined and the method(s) of extraction (attach additional sheets if necessary):
SEC	CTION 6: WATER MANAGEMENT
	Diversion and Conveyance What equipment will you use to pump water from your well(s)?
	Pump (give horsepower and type): 5 HP, 15 GPM, 756 Speed, Franklin Electric Pump Other means (describe):
	Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Well previously constructed for exempt domestic use. Pump and piping connects well to nurse
,	Application Method What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (attach additional sheets if necessary)
	Hand watering plants, using personnel trained in proper water management, and as a result, it will be a very controlled system through which overwatering will be prevented. Any water applied to the plants is absorbed by the plants. Conservation
H	Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (attach additional sheets if necessary). and watering plants, using personnel trained in proper water management, and as a result, it will be a very controlled systrough which overwatering will be prevented. Any water applied to the plants is absorbed by the plants.
SE(CTION 7: PROJECT SCHEDULE
	Date construction will begin: 11-05-2014 Date construction will be completed: 11-06-2014 Date beneficial water use will begin: Within 5 years of issuance of permit.
SEC	CTION 8: RESOURCE PROTECTION
activ requ	ranting permission to use water the state encourages, and in some instances requires, careful control of vities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit irements from other agencies. Please indicate any of the practices you plan to undertake to protect water urces.
	Water quality will be protected by preventing erosion and run-off of waste or chemical products. Describe: Use of the water will occur indoors, and will be in a contained system
	Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas. Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of
	Environmental Quality to determine if a 1200C permit is required. Describe planned actions and additional permits required for project implementation: No planned actions or additional permits required for project implementation.
✓	Other state and federal permits or contracts required and to be obtained, if a water right permit is granted: List: No other State and Federal permits or contracts required or to be obtained.
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SECTION 9: WITHIN A DISTRICT

Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name	Address		
Tumalo Irrigation District	64697 Cook Ave		
City	State	Zip	
Bend	Oregon	97703	

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (attach additional sheets if necessary).

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Land Use Information Form



Oregon Water Resources Department

725 Summer Street NE, Suite A Salem, Oregon 97301-1266 503-986-0900

www.oregon.gov/OWRD

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		Linda	First			Нор	mann Last		
					20				C
Mailing Ac	idress:		653	320 Highwa	iy20				DE/
1	Bend			OR	97703 Daytime I	Phone:	541-815-6260)	REC
	City			State	Zip				DEC
A. Land a	ind Loca	ation							0
					s where water will be d				
					r municipal use, or irrig es for the tax-lot inform			on districts	may
Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:	· ·	Propose Land Us
16	11	20		521	EFU	☑ Diverted	☑ Conveyed	☑ Used	EFU
						Diverted	☐ Conveyed	Used	
1						Diverted	Conveyed	Used	
						Diverted	Conveyed	Used	
Deschute B. Descri		Propose	ed Use						
B. Descri	ption of	be filed wi	ith the Wa	Right Transf			or Groundwater	Registratio	n Modific
B. Descri Type of app ☑ Permit to ☐ Limited V	ption of dication to Use or Stor Vater Use L	be filed wire Water	ith the Water	Right Transfeation of Conse	Permit Permit Exchan	ge of Water			n Modific
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B. Descri Type of app ☑ Permit to ☐ Limited V	ption of olication to Use or Stor Water Use L	be filed with the Water vicense Reservoir/Por	ith the Water Water Alloca	Right Transfortion of Conse Groundwate	er Permit A erved Water Exchanger Surface Water cr Cubic feet p	ge of Water er (name) per second	X gallons per	minute [_ ☐ acre-fee
B. Descri Type of app Permit to Limited V Source of w Estimated q	ption of olication to Use or Stor Vater Use Leater: Francisco Fran	be filed with the Water water need water need	ith the Water Water Allocand Water of: 0.5	Right Transfortion of Conse	er Permit A erved Water Exchanger Surface Water cr Cubic feet p cial Industrial	ge of Water er (name) per second		minute [_ _ acre-fee
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B. Descri Type of app Permit to Limited V Source of w Estimated q	ption of olication to Use or Stor Vater Use Leater: Francisco Fran	be filed with the Water dicense Reservoir/Poorwater need	ith the Water Water Allocand Water of: 0.5	Right Transfition of Conse	er Permit A erved Water Exchanger Surface Water cr Cubic feet p cial Industrial	ge of Water er (name) per second	☒ gallons per	minute [_ _ acre-fee
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LEGAL DESCRIPTION OF PROPERTY

Commencing at a brass cap set one foot below the surface of the ground which marks the 1/4 corner between Sections 23 and 24, Township 16 South, Range 11 East of the Willamette Meridian, Deschutes County, Oregon; thence South 57°39'12" West 236.87 feet to a 5/8" iron rod set on the Southerly right-of-way of Dayton Road; thence South 00°03'09" West 592.74 feet to a 5/8" iron rod, said point being the true point of beginning; thence continue South 00°03'09" West 600.86 feet to a 5/8" iron rod which bears South 89°53'09" West 200.00 feet from a 1/2" iron rod set in a stone mound which marks the South 1/16 corner between Sections 23 and 24, said Township and Range; thence South 89°53'09" West 968.73 feet to a 5/8" iron rod set on the Northeasterly right-of-way of U.S. Highway 20; thence following said right-of-way North 20°00'45" West 18.71 feet to a 5/8" iron rod; thence along the arc of a 1,939.86 foot radius curve of the left, through a central angle of 09°02'10" 305.93 feet (the long chord of which bears North 24°30'32" West 305.62 feet); to a 5/8" iron rod set at the intersection of the Northeasterly right-of-way of U.S. Highway 20 with the Easterly right-of-way of Dayton Road; thence North 00°00'41" West along said Easterly right-of-way 293.98 feet to a 5/8" iron rod; thence North 70°03'49" East 348.64 feet to a 5/8" iron rod; thence North 89°53'11" East 320.85 feet to a 5/8" iron rod; thence South 00°29'50" East 107.27 feet to a 5/8" iron rod; thence North 89°53'10" East 452.99 feet to the true point of beginning.

(Tax #161123 00 00521 SERIAL 163044)

NOV 1 4 2018 OWRD

DEC 03 2018 OWRD

Application for a Permit to Use Groundwater **Application in the Name of TLO Farms**

Deschutes County, OR

Township 16 South, Range 11 East (W.M.)



LEGEND

Point of Appropriation (POA)

Place of Use (POU)

All Other Features

Tax Lot

/ Major Road

Watercourse

Waterbody

POA LOCATION DESCRIPTION

Well (DESC 60151)

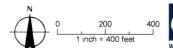
Located 1032 feet South and 1254 feet East from the East 1/4 corner of Section 23, Township 16 South, Range 11 East (W.M.)

DISCLAIMER

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES

Date: November 29, 2018 Data Sources: BLM, Deschutes Co., ESRI, USGS





STATE OF OREGON

DESC 60151

WELL I.D. LABEL# L 116570

WATER SUPPLY WELL REPORT				START	CARD#	1024744	
(as required by ORS 537.765 & OAR 690-205-0210)	11/19/201	4	ORIGINA	L LOG#		
1) LAND OWNER Owner Well I.D. First Name BRENT Last Name GO	ODMAN		OCATE	MORNET	I (law-1-1	occurred:	
Company Last Name GO	ODMINI.			ON OF WEL	-		
							00 E E/W
Address 64711 OTTER RUN LN	Zip <u>97701</u>	- Sec	23 SE	1/4 of the	e SE	1/4 Tax Lot	521
		= Tax N	Iap Number			Lot	
	pening Conversion	on Lat	0	' " or			DMS or I
Alteration (complete 2a & 10)	Abandonment(compl-	lete 5a) Long	0	" or			DMS or I
a) PRE-ALTERATION	Dista Wild Thad	Long		t address of wel		arest address	
Casing: To Gauge Stl	Piste Wid Tilld	653	0 HWY 20	1 4441 000 01 1101			
		11055	0 11 W 1 20				
Material From To Amt	Sacks/108	<u> </u>					
3) DRILL METHOD		(10)	STATIC	WATER LE	EVEL		
Rotary Air Rotary Mud Cable Aug	er Cable Mud	(20)	211110		Date	SWL(psi)	+ SWL(ft)
	ei Cable Mud			/ Pre-Alteration			
Reverse Rotary Other			Completed We	ell	11/6/2014		641
4) PROPOSED USE Domestic Irrigati	on Community	`		Flowing Ar	tesian?	Dry Hole?	F 7 15
Industrial/ Commercial Livestock Dewate		WAT	ED DE ADING	ZONES	Donth w	nter was first for	nd 645 00
Thermal Injection Other					-		
			/L Date	From T	o Est	Flow SWL(ps	i) + SWL(ft)
5) BORE HOLE CONSTRUCTION Sp	ecial Standard (Attac	ch copy) 11	/6/2014	645	770	20	641
Depth of Completed Well 770.00 ft.							
BORE HOLE	SEAL	sacks/					
	From To Amt	lbs					
12 0 243 Bentonite Chips	0 8 5	S					
8 243 770 Cement	8 243 132	S					
		(11)	WELL LO)C			
			WELL L	Gro	und Elevatio	n	
How was seal placed: Method A B	XC D E		N	Material		From	То
Other POURED DRY			SOIL			0	2
Backfill placed from ft. to ft. M			WN SANDS			2	8
Filter pack from ft. to ft. Material	Size		D GRAY LA			8	41
Explosives used: Yes Type Am				N CONGLOME	ERATE	41	65
			WN SANDS			65	162
5a) ABANDONMENT USING UNHYDRAT			CONGLOM			162	
Proposed Amount Actual	Amount		D BROWN L D GRAY LA		-	182	
6) CASING/LINER						192	
Casing Liner Dia + From To	Gauge Stl Plstc Wld	1 Inra I	VELS AND D GRAY LA			215	
● ○ 8 ■ 2 243	.250 O X			ONGLOMERA	TE	262	
	.250 O X		D GRAY LA		ATE.	288	
				CONGLOMERA	TF	315	
			D GRAY LA		· · ·	325	
			KEN BROW			352	
Shoe Inside Outside Other Lo	cation of shoe(s)		D GRAY LA			360	
Temp casing Yes Dia From	То		KEN BROW			385	
		HAF	D GRAY LA	VA		395	429
7) PERFORATIONS/SCREENS Perforations Method FACTORY		BRC	KEN BROW	N LAVA		429	434
			C 1		C		
	Material # of	Tele/ Date	Started _{10/}	30/2014	Com	plete 11/6/20)14
Perf/ Casing/ Screen Scrn/sl Screen Liner Dia From To width			onded) Wate	er Well Constr	uctor Certif	cation	
Perf Liner 6 749 770 .125	3 228	De Child					pening, alteration
	1 220						water supply
		cons	truction stand	lards. Materials	s used and in	formation repor	ted above are tru
				owledge and bel			<u> </u>
		Lice	nse Number	1276	D	ate 11/19/201	4 1 5
WELL TESTS: Minimum testing time is 1 ho	ur		-				<u> </u>
	Flowing Artesi	Sign	ed VINCE	NT MACKEY	(E-filed)		- H
Pump Bailer • Air			1-1) 11/	V-II C- · · ·	- C		ш
Yield gal/min Drawdown Drill stem/Pump		_ `		Well Construct			I C
20 770	1						tion, or abandon
					_	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	orted above. All
							water supply
Temperature 53 °F Lab analysis Yes By							owledge and beli
Water quality concerns? Yes (describe below)	ΓDS amount	Lice	nse Number	1720	D	ate 11/19/2014	5 2
From To Description	Amount Un		ad				I 4
		Sign	UI I CILI	ABBAS (E-filed			5 =
		Cont	act Info (option	onal) JACK AF	BBAS		III S

DESC 60151

WELL I.D. LABEL# L 116570

START CARD # 1024744
ORIGINAL LOG #

	719/2014 ORIGINAL LOG#	
a) PRE-ALTERATION	Water Quality Concerns	
Dia + From To Gauge Stl Plstc Wld Thrd	From To Description	Amount Units
Material From To Amt sacks/lbs		
	(40) 07 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7	
) BORE HOLE CONSTRUCTION	(10) STATIC WATER LEVEL	
	SWL Date From To Est Fl	low SWL(psi) + SWL(ft)
Sacks/		
Dia From To Material From To Amt lbs		
	N 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
EII TED DACK		
FILTER PACK From To Material Size	(11) WELL LOG	
FIOII TO Material Size	Material	From To
	HARD GRAY LAVA	
	RED CINDERS CONGLOMERATE	434 461 461 472
	RED SANDSTONE	472 493
CASING/LINER	BROWN SANDSTONE	493 546
	MILD BROWN LAVA	546 555
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	BROWN SANDSTONE COARSE	555 645
	FRACTURED BROWN LAVA W/B	645 751
	BROWN SANDSTONE W/B	751 770
	100	
PERFORATIONS/SCREENS		
	RECEIVED	DECENTED
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/		RECEIVED
creen Liner Dia From To width length slots pipe six		
	NOV 1 4 2018	DEC 03 2018
	-	
	OWRD	OWRD
		201.
	Comments/Remarks	
8) WELL TESTS: Minimum testing time is 1 hour		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		
2 June 50 mm stems tamp acput Datation (III)		
Archa (1986) (2011) 1 1 1 1 1 1 1 1 1		



Kate L. Moore

Admitted in Oregon and Washington kmoore@dunncarney.com Direct 503.417.5375

November 30, 2018

Via Overnight Mail

Edward P. Gosse Water Rights Customer Service Water Resources Department North Mall Office Building 725 Summer St NE, Suite A Salem, OR 97301

Re: Application for a Permit to Use Groundwater – Applicant Linda Hopmann

Dear Mr. Gosse:

We are resubmitting the application for Linda Hopmann, along with the revised map and the application fee of \$2,360, and confirming that "G.P.M." is correct in Section 3.

Very truly yours,

Kate Kure/ 1/a

Kate L. Moore

KLM:lla

Enclosure

DCAPDX_2914363_v1

DEC **03** 2018

OWRD

Suite 1500, 851 SW Sixth Avenue Portland, Oregon 97204 Main 503.224.6440 Fax 503.224.7324 DunnCarney.com