Application for a Permit to Use Ground Water

RECEIVED BY OWRD 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

Oregon Water Resources Department

APR 24 2015 SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information				
NAME			SALEM, OR	PHONE (HM)
GORDON AND SHERRY PAINE				541-683-5399
PHONE (WK)	CE	LL		FAX
NONE (RETIRED)	NO	NE		
ADDRESS				
34483 DEERWOOD DRIVE				
CITY	STATE	ZIP	E-MAIL*	
EUGENE	OR	97405	GPAINE@FULLERTON.EDU	

Organization Information

NAME			PHONE	FAX
NOT APPLICABLE				
ADDRESS				CELL
CITY	STATE	ZIP	E-MAIL*	

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

AGENT / BUSINESS NAME			PHONE	FAX
NOT APPLICABLE				
ADDRESS				CELL
CITY	STATE	ZIP	E-MAIL*	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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

Permit No.

Applicant Signature Paine

Gordon Paine Print Name and title if applicable

<u>Sherry Paine</u> Print Name and title if applicable

4/19/2015 4-20-15

App. No. 4-18060

For Department Use

Date

Date_____

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.
- This land is encumbered by easements, rights of way, roads or other encumbrances.

🗋 No

- □ I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- ☐ 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).
- □ Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (attach additional sheets if necessary).

None. Project is entirely on the subject property.

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 THAN 1 MILE:			
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD		
L118412	Coastal Fork of the Willamette River	1 mile	9 meters. Per Google Earth, wellhead is @158 m., river @ 149 m.		

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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APR 24 2015

SALEM, OR



SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: <u>10 gal. / minute (each well</u> will be evaluated at the maximum rate unless you indicate <u>well-specific rates</u> and <u>annual volumes</u> in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

										PRO	OPOSED	USE	
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
16503			L118412		6"	Unknown	Knife perfs. (3" x 3/8" from 84' to 89')	Ben- tonite seal @ 21'	8' (4/1/2015)	Unknown	99'	3 p	1.7 /A
										generate digen digen generate de de de la constante de la constante de la constante de la constante de la const			
													······································

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for 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 vOWRD
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

SECTION 4: WATER USE

-April – mid-October	1.7
	. <u> </u>
	<u></u>

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.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (must match map).

Primary: _____ Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

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

If the use is **domestic**, indicate the number of households:

If the use is mining, describe what is being mined and the method(s) of extraction:

SECTION 5: WATER MANAGEMENT

A .	Diversion and Conveyance What equipment will you use to pump water from your well(s)?	RECEIVED BY OWRD
	☑ Pump (give horsepower and type): <u>1 hp submersible</u>	APR 24 2015
	Other means (describe):	SALEM, OR

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. <u>See attachment, answer to 5.B.</u>

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) See Attachment

C. Conservation

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.

See Attachment

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir*, reproduce this section for each reservoir).

Reservoir name: None Acreage inundated by reservoir: .08

G-18000

Use(s): multipurpose

Volume of Reservoir (acre-feet): <u>.16</u> Dam height (feet, if excavated, write "zero"): zero

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (if more than one reservoir, reproduce this section for each reservoir).

Annual volume (acre-feet): 1.7

USE OF STORED GROUND WATER	PERIOD OF USE
Pond maintenance	Please see Attachment 5.C.

SECTION 8: PROJECT SCHEDULE

Date construction will begin: already extant	RECEIVED BY OWRD
Date construction will be completed: already extant	APR 24 2015
Date beneficial water use will begin: upon approval of this application	SALEM, OR

SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

No additional remarks

<u>Land Use</u> <u>Information Form</u>



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

1) Water is to be diverted, conveyed, and/or used only on federal lands; OR

- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and <u>all</u> of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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APR 24 2015

G-19060

SALEM, OR

Information FormRECEIVED BY OWRD



		APF	R 24 2015			
Applicant:	Gordon and Sherry			Paine		
	First	SA	LEM, OR		Last	
Mailing Address:	34483 Deerwoo	od Drive				
Eugene		OR	97405	Daytime Phone:	541-683-5399	
City		State	Zip			

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	% %	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
18S	3W	25	SE NE	00132		Diverted	Conveyed	🛃 Used	
						Diverted	Conveyed	Used	
						Diverted	Conveyed	Used	
						Diverted	Conveyed	Used Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Lane

B. Description of Proposed Use

Type of application to be filed with the Water Resources Depa Permit to Use or Store Water Limited Water Use License Allocation of Conserved	Permit Amendment or Ground Water Registration Modification
Source of water: 🗌 Reservoir/Pond 🖌 Ground Water	Surface Water (name)
Estimated quantity of water needed: 1.7	□ cubic feet per second □ gallons per minute ☑ acre-feet
Intended use of water: Irrigation Commercial Municipal Quasi-Municipal	Industrial Domestic for household(s) Instream Instream
Briefly describe:	
Pond maintenance	
	2

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. \rightarrow

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

ALand uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): LAVE (ADE 16.290)

Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-U	Jse Approval:
		Denied	Being Pursued Not Being Pursued
		Denied	 Being Pursued Not Being Pursued
		Obtained Denied	 Being Pursued Not Being Pursued
		Obtained Denied	Being Pursued Not Being Pursued
		Obtained Denied	Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

	pond twee	ok.	RECEIVED BY OWRD
			APR 24 2015
	MARK BUST ALCO		SALEM, OR
Name:	1		Phone: 541-682-454 Date: 4 2015
Governm	nent Entity: LANE O,		

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name:		
City or County:	Staff contact:	
Signature:	Phone:	Date:

G-18060

APPLICATION FOR USE OF GROUND WATER

ATTACHMENT

Legal description of the property from which the water is to be diverted:

T 18S R 3W S 25 SE NE Parcel ID: 1009958 Prop ID: 1088863 Map number: 1803250000132 Subdivision lot: TL 00132

Section 5.B. Application Method

Pumping into existing pressure tank and from there to pond through existing plumbing. Water flow will be controlled by daily manual activation and shutoff of a mechanical valve.

Section 5.C.

This application is being submitted in conjunction with an application to store water in a reservoir, the pond referred to in the following text.

The pond on our residential property was created long before our ownership of this land. It is part of a storm-water management system that conducts storm water from the higher-lying portion of our development, across our property via culverts and a pond, northward to Mathews Road, whence it runs eastward toward the Coastal Fork of the Willamette River.

During the rainy season, the pond is fed solely by storm water. Over the years it has attracted a wide variety of wildlife including at least two species of frogs, six species of small native fish (how they got there we have no idea) and seasonal water birds.

In April or May the ground loses its saturation, causing absorption. As temperature increases, water level sinks further from evaporation. Without topping off, the pond will nearly dry up before new rains, killing its inhabitants and destroying the benefit of the pond as a habitat and water source for other wildlife.

It is proposed to use ground water to maintain pond level (without drainage) during the dry season. Approximately 1.5" per day is required. Water would be taken from existing well L118412, pumped into an existing pressure tank, and sent from there to the pond through existing plumbing. Water level will be checked daily and water will be added as necessary by manual activation and shutoff of a mechanical valve.

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APR 24 2015

SALEM, OR



~	TAG L-118412		
	6503		
NOTICE TO WATER WELL CONTRACTOR The original and first copy of COEIN		,	
	ELL REPORT State Well No. 18	13W - 2	5
STATE ENGINEER, SALEM, ORECONDOT DEC 11 1964 STATE ON within 30 days from the date	FOREGON	NF ILO	カズ
of well completion.	State Permit Notes		d
(1) OWNER: SALEM, OREGON	(11) WELL TESTS: Drawdown is amount lowered below static h	water level is evel	
Name John McNutt	Was a pump test made? Yes X No If yes, by whom	17	
Address Rt. 4, Box 156-1	Yield: gal./min. with ft. drawdow	wn after	hrs.
Eugene, Oregon	19 19 19		*
LOCATION OF WELL:	10 11 11 11 11 11 11 11 11 11 11 11 11 1		**
County Lane Driller's well number	Bailer test 15 gal./min. with 45 ft. drawdo	own after 2	hrs.
14 14 Section 25 68T. 18 R. 3W W.M.	Artesian flow g.p.m. Date Temperature of water Was a chemical analysis		
Bearing and distance from section or subdivision corner		(4	
	(12) WELL LOG: Diameter of well below c	asing	
	Depth drilled 99 ft. Depth of completed w	·····	ft.
	Formation: Describe by color, character, size of materic show thickness of aquifiers and the kind and nature of stratum penetrated, with at least one entry for each c	il and structure the material in	i, and Leach
	stratum penetrated, with at least one entry for each c	hange of forma	ation.
(a) TUDE OF WORK (shak)	MATERIAL	FROM T	ro .
(3) TYPE OF WORK (check):	Top Soil		3
New Well D Deepening Reconditioning Abandon	Boulders & Red Dirt		16
vbandonment, describe material and procedure in Item 13.	Yellow Claystone	16	55
PROPOSED USE (check): (5) TYPE OF WELL:	Gravel & Clay		65
Domestic 🕽 Industrial 🗌 Municipai 🗋 Rotary 🔲 Driven 🗋 Cable 🖾 Jetted 🗌	Sandstone Shale Rib		89
Irrigation Dest Well Other Dug Bored	Share KID	- 09	<u>99</u>
(6) CASING INSTALLED: Threaded			
(6) CASING INSTALLED: Threaded □ Welded ∑ <u>6</u> <u>* Diam. from 0</u> <u>ft. to 91 ft. Gage 250</u>			
" Diam, from			
" Diam, from ft, to ft, Gage			
(7) PERFORATIONS: Perforated? XYes D No			
Type of perforator used Knife			
Size of perforations 3/8 in. by 3 in. Knife perforations from 84 ft. to 88 ft.	RECEIVED BY OWRD		
perforations from			
perforations from	APR 24 2015		
perforations from ft. to ft.			
perforations from ft. to ft.	SALEM, OR		
(8) SCREENS: Well screen installed? Ves I No	UALEMI CIT		
Manufacturer's Name			
vpe			<u> </u>
m Slot size	Work started 11/6/ 19 64 Completed	11/16/ 1	1964
Slot size ft. to ft. to			1964
(9) CONSTRUCTION:	(13) PUMP:		
	(13) FOMF:		
Well seal-Material used in seal Bentonite	Manufacturer's Name		
Depth of seal	Туре: н	I.P	
Were any loose strata cemented off? Yes XNo Depth	Water Well Contractor's Certification:		
s a drive shoe used? 10 Yes 🗆 No	This well was drilled under my jurisdiction a	and this repo	ort is
Was well gravel packed? [] Yes [] No Size of gravel:	true to the best of my knowledge and belief.		
Gravel placed from ft. to ft.	NAME CARTER'S DRILLING & PUMP SER	VICE	
Did any strata contain unusuable water? 🔲 Yes 🎽 No	(Ferson, firm or corporation) (Type or print)		
Type of water? depth of strata	Address 325 South 2nd St- Springfie	Id, Uregol	n
Method of sealing strata off	Drilling Machine Operator's License No	40	
(10) WATER LEVELS:		<	
Static level 3 it. below land surface Date 11/16/64	[Signed] (Water Well Contractor)		
Artesian pressure lbs. per square inch Date	Contractor's License No. 126 Date 11/3	0/	64
(USE ADDITIONAL SHEETS IF NECESSARY)			

G1-18060

Minimum Requirements Checklist Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.615) Include this checklist with the application

Check that each of the following items is included. The application <u>will</u> be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

ল	SECTION 1: applicant information and signature	
	SECTION 2: property ownership	
Ø	SECTION 3: well development	
۲	SECTION 4: water use	
T	SECTION 5: water management	RECEIVED BY OWRD
Ø	SECTION 6: storage of groundwater in a reservoir	D DI OWRD
ß	SECTION 7: use of stored groundwater from the reservoir	APR 24 2015
g	SECTION 8: project schedule	041-5-1
9	SECTION 9: within a district	SALEM, OR
Ø	SECTION 10: remarks	

Attachments:

Land Use Information Form with approval and signature (must be an original) or signed receipt

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. Example: A copy of the deed, land sales contract or title insurance policy.

Fees - Amount enclosed: \$_<u>1900</u> See the Department's Fee Schedule at <u>www.oregon.gov/owrd</u> or call (503) 986-0900.

/	Provide a map and check that each of the following items is included:
I _	Permanent quality and drawn in ink
2	Even map scale not less than $4" = 1$ mile (example: $1" = 400$ ft, $1" = 1320$ ft, etc.)
2	North Directional Symbol
Ø	Township, Range, Section, Quarter/Quarter, Tax Lots
٢_	Reference corner on map
0	Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
e _	Indicate the area of use by Quarter/Quarter and tax lot clearly identified
	Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
Ð	Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
	Other

6-18060

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M

PIERCEALL Jeffrey D

From:	Paine, Gordon <gpaine@exchange.fullerton.edu></gpaine@exchange.fullerton.edu>	
Sent:	Friday, April 10, 2015 11:39 AM	
То:	PIERCEALL Jeffrey D	
Subject:	Gordon Paine Ground water use applicaion	
Attachments:	Notes on Application for permit to use surface water.docx; Attachment.docx; Paine	
	Ground water app draft 4.10.2015.doc; Paine pond project map.pdf	

Thanks so much for the effort you expended on the map. This would have taken me a year and it still would have been wrong.

Enclosed are my application materials for a pre-review. The bottom of the "attachment" page notes everything that I know is missing and must be obtained. Do I have the correct fees, or are there (God forbid) yet more?

I have had to shrink the map by 50% because I can't print it at full size. If this is not satisfactory, please let me know and I'll take it to a print shop for special copying.

The "notes" page is for your colleague who expended to the tremendous effort to construct the form. I run into several problems with the Word version of the form, and I thought she might want to be aware of them.

Thank you again!

I'll look forward to hearing from you.

Best wishes,

Gordon Paine

Notes on **Application for permit to use surface water**, Online Microsoft Word version

Using a Macintosh with current system software (10.10.2) And Microsoft Word 2011 for Macintosh (most recent version of Word), the following problems are found:

Entire document:

The top and bottom margins are been made smaller than many printers can handle, resulting in the loss of text at both top and bottom. (Most consumer printers cannot print with margins under .5", and the footers here are all within that space.)

I have tried two HP inkjet printers and one Canon unit, all intended for use with both Windows and Mac. To print full pages, I have had to save as PDF and reduce the page size to 95%.

p. 9:

- (a) What is intended to be the final line ("See bottom of Page 3") does not fit on p. 9 and spills onto an otherwise blank p. 10.
- (b) None of the check boxes on this page (either large of small) can actually be checked by clicking within them. The boxes appear to be just box images.

"For Local Government Use only" page:

None of the check boxes under "Water to be:" can actually be checked by clicking within them. The boxes appear to be just box images.

Gordon Paine 541-683-5399 gpaine@fulerton.edu

APPLICATION FOR USE OF GROUND WATER

ATTACHMENT

Legal description of the property from which the water is to be diverted:

T 18S R 3W S 25 SE NE Parcel ID: 1009958 Prop ID: 1088863 Map number: 1803250000132 Subdivision lot: TL 00132

Section 5.B. Application Method

Pumping into pre-existing pressure tank and from there to pond through pre-existing plumbing. Waterflow will be controlled by daily manual activation and shutoff of a mechanical valve.

Section 5.C.

The pond on our residential property was created long before our ownership of this land. It is part of a storm-water management system that conducts storm water from the higher-lying portion of our development north to Mathews Road, whence it runs Eastward toward the Coastal Fork of the Willamette River. Over the years the pond has attracted a wide variety of wildlife including at least two species of frogs, six species of small native fish (how they got there we have no idea) and seasonal water birds. In May the ground loses its saturation, causing ground absorption. As temperature increases, water level sinks further from evaporation. Without topping off, the pond will dry up completely before new rains, killing its inhabitants and destroying the benefit of the pond as a habitat and water source for other wildlife.

This application is intended to permit the maintenance of pond level (at a point below which it starts to drain) to provide year-round wildlife support.

@ Notes to self, not to submit

Signatures and dates needed p. 1. Need to insert "Well ID" on p. 5 once number is assigned. What is "well-specific rate, p. 5? p. 10. Need zoning information. Get from deed. Cannot fill in check boxes for "conveyed" and "diverted" Do by hand.

Ground water use fees:

Basic fee for ground water \$1150 Cubic feet per second fee \$300 Above ground storage, < 1 acre foot \$30 Permit recording fee \$450

Alternate permit for reservoir Base \$350 Volume fee \$30

PIERCEALL Jeffrey D

From:	PIERCEALL Jeffrey D
Sent:	Monday, April 13, 2015 11:08 AM
То:	'Paine, Gordon'
Subject:	RE: Gordon Paine Ground water use application

Gordon,

Just a couple of notes on the application.

1) Section 4, pond maintenance should be the only use listed here. It is in section 6 that identifies the potential uses of the stored water.

2) The map will work as long as it is true to scale.

In reference to your phone call this morning, you can use the alt res application for the storage of the surface water that fills the pond. You would not indicate that it is topped off by groundwater, just that it is storing "diffuse surface runoff" or "storm water flow"

Feel free to give me a call if you have any further questions.

Jeffrey D. Pierceall Customer Service Group Oregon Water Resources Department 503-986-0801

-----Original Message-----From: Paine, Gordon [mailto:gpaine@Exchange.FULLERTON.EDU] Sent: Friday, April 10, 2015 11:39 AM To: PIERCEALL Jeffrey D Subject: Gordon Paine Ground water use applicaion

Thanks so much for the effort you expended on the map. This would have taken me a year and it still would have been wrong.

Enclosed are my application materials for a pre-review. The bottom of the "attachment" page notes everything that I know is missing and must be obtained. Do I have the correct fees, or are there (God forbid) yet more?

I have had to shrink the map by 50% because I can't print it at full size. If this is not satisfactory, please let me know and I'll take it to a print shop for special copying.

The "notes" page is for your colleague who expended to the tremendous effort to construct the form. I run into several problems with the Word version of the form, and I thought she might want to be aware of them.

Thank you again!

I'll look forward to hearing from you.

Best wishes,

Gordon Paine

PIERCEALL Jeffrey D

From:	PIERCEALL Jeffrey D
Sent:	Tuesday, April 07, 2015 9:39 AM
То:	'Paine, Gordon'
Subject:	RE: Paine plat map
Attachments:	Gordon_sample-map.pdf

Gordon,

Here is a sample of how I would work up the map for the application. You are welcome to use it if you wish as long as it is accurate to the placement of the well and pond. I guessed as to their locations based on google earth imagery.

If you create your own, be sure to check the scale of the copy before you start as scanning and printing can distort the proportions.

Jeffrey D. Pierceall suscering Source Sources Department Oregon Water Resources Department 503-986-0801

From: Paine, Gordon [mailto:gpaine@Exchange.FULLERTON.EDU] Sent: Monday, April 06, 2015 4:55 PM To: PIERCEALL Jeffrey D Subject: Paine plat map