

Application for a Permit to Use Surface Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. APPLICANT INFORMATION

A. Applicants		
Applicant:		
First		Last
Mailing Address:		
City	State	Zip
Phone:		
Home	Work	Other
*Fax:	*Email Address:	
B. Organizations		
	nerships, joint stock companies, cooperativ	ves, public and municipal corporations)
•		
Name of Organization:	OF HILLGBORD, MARK	es a Kecreation
Name and Title of Person Applying:	MARY ORDAL, P	ROSET MANAGER
	4400 NW 229	
HILLSBORD	OR_ State	97124 Zip
	225 503-61	
*Fax: 503-681-612	*Email Address: mare	yo@ci.hillsboro.or.us
*Optional		
-	For Department Use	
App. No. <u>S-87781</u>	Permit No Date	

Last Updated: 10/01/2008

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Surface Water/1

2. SOURCE AND PROPERTYOWNERSHIP

A. The Proposed Source of Water

Provide the commonly used name of the water body from which water will be diverted, and the name of the stream or lake it flows into. If unnamed, say so:

Tributary to: TUALATIN RIVER
Tributary to:
Tributary to:
Tributary to:

If any source listed above is stored water that is authorized under a water right permit, certificate, or decree, attach a copy of the document or list the document number (for decrees, list the volume, page and/or decree name).

THE STURED	WATER	PERMIT	FOR	THE	LOWER	GUOD
LEXIGING POR	JD) 15	PENDING				

B. Applications to Use Stored Water

Complete this section if any source listed in item 2A above is stored water.

Do you, or will you, own the reservoir(s) described in item 2A above?



No. (Please enclose a copy of your written notification to the operator of the reservoir of your intent to file this application, which you should have already mailed or delivered to the operator.)

If *all* sources listed in item 2A are stored water, the Department will review your application using the expedited process provided in ORS 537.147, unless you check the box below. Please see the instruction booklet for more information.

- By checking this box, you are requesting that the Department process your application under the standard process outlined in ORS 537.150 and 537.153, rather than the expedited process provided by ORS 537.147. To file an application under the standard process, you must enclose the following:
 - A copy of a signed non-expired contract or other agreement with the owner of the reservoir (if not you) to impound the volume of water you propose to use in this application.
 - A copy of your written agreement with the party (if any) delivering the water from the reservoir to you.

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Do you own all the land where you propose to divert, transport, and use water?
Yes (Please check appropriate box below then skip to section 3 'Water Use')
There are no encumbrances
This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s))
No (Please check the appropriate box below)
☐ 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 irrigated and/or domestic use only (ORS 274.040).
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.
3. WATER USE
Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.
A. Type(s) of Use(s) See list of handicial uses provided in the instructions. A CATALLY SEE SECTION OF THE SEC
See list of beneficial uses provided in the instructions. AESTHETIC; RECREATION, FIGHTWILDLIFE
of households to be supplied with water:
o If your proposed use is irrigation, please attach Form I
• If your proposed use is mining, attach Form R
e If your proposed use is municipal or quasi-municipal, attach Form M
• If your proposed use is commercial/industrial, attach Form Q RECEIVED

C. Property Ownership

B. Amount of Water

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (cfs) or gallons-per-minute (gpm). If the proposed use is from storage, provide the amount in acre-feet (af):

(1 cfs equals 448.8 gpm. 1 acre-foot equals 325,851 gallons or 43,560 cubic feet)

Source	Type of use		Amo	unt		
LOWER POND	AESTHETIC, AQUATIC RECREATION,	600	C cfs	& gpm	(af	Recirculation System
_	WETLAND ENHANCEMENT		_ cfs	C gpm	C af	System
			← cfs	gpm	← af	
	7		cfs	← gpm	C af	
Water to cre Pond, then C. Period of Use	eate flow in man-made back to Lower Pond	creek	syst	em to	, wa	odland
Indicate the time of yea (For seasonal uses like	ar you propose to use the water: UEA irrigation give dates when water use would	A ROU d begin and	end, e.g.	March 1-	October 3	31.)
.,,,	water to land, indicate the total water will be applied or used:					
(This number should be	consistent with your application map.)					
					RI	ECEIVED
	4. WATER MANAGEME	ENT			J	AN 2 0 2009
A. Diversion						RESOURCES DEPT LEM, OREGON
What method will you i	use to divert water from the source?					
Pump (give ho	rsepower and pump type): 20 H (50B1	NERS	BLE	PUM	Ρ
☐ Head-gate (giv	e dimensions):					
other means (d	lescribe):					
B. Monitoring						
How will you monitor y duty) and you are not w	your diversion to be sure you are within the asting water?	ne limits of y	our wate	r right (al	lowed rat	e and
☐ Weir	Meter		Perio	dic Samp	ling	
other means (descr	ibe): 600 GPM 15 Pam	P CAPA	CITY	OF S	MSTE	M
PER IN	ibe): 600 GPM 15 Pum STALLER. PARK MAIN	OPENAN	CE 5	TAFF	ON S	NTE
DAILY,	PROMOE VISUAL INSPI	ECTION,	•			

Surface Water/4

C. Transport
How will you transport water to your place of use?
Ditch or canal (give average width and depth):
Width Depth
s the ditch or canal to be lined? Yes No
Pipe (give diameter and total length):
Diameter 6" Length 95016
other, describe:
D. Application/Distribution Method
What equipment will you use to apply water to your place of use? (Distribution / application is creaks.
rrigation or land application method (check all that apply):
☐ Flood ☐ High pressure sprinkler ☐ Low pressure sprinkler
☐ Drip ☐ Water Cannons ☐ Center pivot system
☐ Hand Lines ☐ Wheel Lines
☐ Siphon tubes or gated pipe with furrows ☐ other, describe:
Distribution method
☐ Direct pipe from source ☐ In-line storage (tank or pond) ☐ Open Canal
1600 OF RUBBER
C. Conservation LINED CREEK
What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using prinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.
· BUBBER LINER CONTAINS WATER, PREVENTS LEAKS
REDUCE EVAPORATION

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5. RESOURCE PROTECTION

A. Protection Practices

In granting permission to use water from a stream or lake, the state encourages, and in some instances requires, careful control of activities that may affect the waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

Diversion will be screened to prevent uptake of fish and other aquatic life. Describe planned actions: SEE REMARKS

6" Intake pipe has screen on end. this pipe housed inside a larger pipe with two more screen layers.

System operated successfully for many years.

Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside

mareas. Describe planned actions:

Park already developed. Riparian areas vegetated with notive plants.

Operating equipment in a water body will be managed and timed to prevent damage to aquatic life. Describe:

multiple layers of screen protect aquatic life

Water quality will be protected by preventing erosion and run-off of waste or chemical 🖊 products. Describe:

WATER RECIRCULATED VIA MANIMADE CREEKS BACK TO LOWER PONT. CREEKS DESIGNED TU INCREASE WATER GUALITY

Other:

BRIGINAL INTENT OF LIRERS WAS TO OXYGENATE TREATED EFFLUENT PRIOR TO DISCHARGE INTO LOWER POND CREEK POND SYSTEM IMPORTANT SCENC FEATURES,

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6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.
Proposed date construction will begin: 1996
Proposed date construction will be completed: 1999
Proposed date beneficial water use will begin: 1998
7. REMARKS
If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.
SEE ATTACHED

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed points of diversion and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

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9. SIGNATURE

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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- e If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- e 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 swear that all information provided in this application is true and correct to the best of my knowledge:

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- e Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

WRD on the web:

www.wrd.state.or.us

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Applicant Name:

Oregon Water Resources Department Land Use Information Form

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 all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

CITY OF HILLSBURD, PARKS + RECREATION

Mailir						29th Ave		-	
City:	1	11500	vv		State:	OR Zip: 971	24 Day Pho	ne: 503-68	31-6225
	This app	olication	is related	to a M	easure 37 c	laim. □ Yes □ No	177	ne: <u>503-68</u> ABY GR	DAL
A. Lar	nd and L	.ocatior	1					1	
Please (transp	include (orted), or	the follo	- wing info pplicants	for m	unicipal use	x lots where water v , or irrigation uses wi rmation requested bel	thin irrigation distr	ken from its so icts may substi	ource), conveyed tute existing and
	Township	Range	Section	1/4 1/4	Tax Lot#	Plan Designation (e.g. Rural Residential/RR-5)	Water	to be:	Proposed Land Use:
	15	aw	8	-	3400	,	☐ Diverted 🔂 Co	onveyed 🔲 Used	The state of the s
	and						☐ Diverted ☐ Co	onveyed Used	1
	15	aw	9		1500		Diverted Co	onveyed Used	
	1						☐ Diverted ☐ Co	onveyed Used	
Туре о	f applicat Permit t Allocati	ion to be to Use or ion of Co	filed wit Store W	h the V ater Water	Vater Resou ☐ Wa ☐ Lir	circes Department: ater-Right Transfer nited Water Use Lices tration Modification	Exchange o	of Water	
Source	of water:	Reservo	oir/Pond		Ground W	Vater Surface	Water (name) 6	WER PONT	O PARK
Estimat	ed quanti	ty of wa	ter neede			cubic feet per sec			
Intende	d use of v		Irrigation Municipa		Commerci Quasi-mur			or hous	chold(s)
Briefly	describe:								
						rm cannot be complet vith the application fit			
						quest for Land U			RECEIVED

Receipt for Request for Land Use Information State of Oregon Water

Resources Department 725 Summer Street NE, Suite A

Salem, OR 97301-1266

JAN 2 0 2009

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 provid	e the requested	information

T	ype of Land-Use Approval Needed	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
C	onditional-use permits, etc.)	Toncies & Ordinance Section References		
			Obtained Being pursued Denied Not being pursued	
			Obtained Being pursued	
			☐ Denied ☐ Not being pursued	
			Obtained Being pursued	
			☐ Denied ☐ Not being pursued	
			☐ Obtained ☐ Being pursued ☐ Not being pursued	
-			Obtained Being pursued	
			☐ Denied ☐ Not being pursued	
Name:	Dennife K. Wel	Title: Se.	WATER RESOURCE SALEM, ORE ior Planner)681-6214 Date: 12/18/05	CES DEF GON
Government	Entity (ify o-	f Hillsboro	· · · · · · · · · · · · · · · · · · ·	
If you sign th Land Use Inf	e receipt, you will have 30 day	s from the Water Resources Departn	ne receipt below and return it to the applic nent's notice date to return the completed the proposed use of water is compatible w	
	Receipt	for Request for Land Use In	formation	
Applicant na	me:			
Applicant na	me:			
	me:			



STATUTORY WARRANTY DEED (Individual)

Germaine M. Dreiling

conveys and warrants to City of Hillsboro, a municipal corporation

the following described real property in the State of Oregon and County of Washington free of encumbrances, except as specifically set forth herein: (Continued)

Tax Account Number(s): 1S 29 1500, 1500-01, 1500-02

This property is free of encumbrances, EXCEPT:

The subject property lies within the boundaries of the Unified Sewerage Agency. The rights of the public in and to that portion of the herein described property lying within the limits of roads and highways. Right, title and interest of the State of Oregon in and to that portion of the property lying below the high water line. Any adverse claim based upon the assertion that some portion of the property has been removed from or brought to the boundaries by avulsion or accretion. Easement recorded 2/13/76 in book 1068, page

The true consideration for this conveyance is \$258,000.00

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLA-TION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRU-MENT. THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

DATED this 1714 day of

ermaine M. Dreiling

STATE OF OREGON, COUNTY OF Washington)ss. The foregoing instrument was acknowledged before me this $\frac{1}{2}\pi H$ day of March, 1992, by Germaine M. Dreiling.

Notary Public for Oregon

My Commission Expires:

OFFICIAL SEAL FRANK W. LAMBERT NOTARY PUBLIC-OREGON COMMISSION NO 013241 MY COMMISSION EXPIRES MAR. 13, 1996

Order No.: 657000w

After Recording Return To: City of Hillsboro Park Dept. 626 SE Ninth Ave. Hillsboro, OR 97123

Until a change is requested, tax statements shall be sent to the following address: See Above

THIS SPACE RESERVED FOR RECORDER'S USE

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Order No.: 657000w

A tract of land being part of Sections 8, 9 and 17, Township 1 South, Range 2 West of the Willamette Meridian, in the County of Washington and State of Oregon, described as follows:

PARCEL I:

Beginning at the Southwest corner of Section 9; and running thence South 2.90 chains, more or less, to the North line of the R. Holbrook Donation Land Claim, thence West 7-1/2 chains, more or less, along the line of said Holbrook Donation Land Claim to the center of the county road; thence North 12-1/2° West along the center of said county road 13.25 chains to a post; thence North 89° 15' East 16.75 chains to the middle channel of Rock Creek; thence down such channel to the South line of said Section 9; thence West 13.50 chains to the place of beginning.

PARCEL II:

Lot 1, of Section 16, Township 1 South, Range 2 West of the Willamette Meridian, in the County of Washington and State of Oregon.

PARCEL III:

All that part of the Donation Land Claim of Russell Holbrook and wife being Claim No. 62, Township 1 South, Range 2 West of the Willamette Meridian, in the County of Washington and State of Oregon, lying North of the Tualatin River and East of the county road known as Rood Bridge Road.

County of Washington

County of Washington

I, Jerry R. Hanson Director of Assessment and Taxation and Ext Officio Recorder of Conveyances for Half County and Director of Contract the wilding instrument of Writing was said county.

Jeffy R. Hanson Director of Assessment and Director of Assessment and Taxation, Ex-

Doc : 92017348 Rect: 73463

03/19/1992 10:30:47AM

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-08

5-87381





CHICAGO TITLE INSURANCE COMPANY

10001 SB Sunnyside Road Clackamas, OR 97015 Phone (503) 786-3940 Fax (503) 653-7833

=METROSCAN PROPERTY PROFILE= Washington (OR)

OWNERSHIP INFORMATION

Reference Parcel #

: 1S208DD 03400

Parcel Number

R0337932

Owner

: Hillsboro City Of

CoOwner Site Address

: *No Site Address*

Mail Address Telephone

: 123 W Main St Hillsboro Or 97123 : Owner: 503-615-6551

SALES AND LOAN INFORMATION

Transferred

: 4060212

Loan Amount

RTSQ: 02W-01S

Document # Sale Price

Lender Loan Type Interest Rate

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-SE

Deed Type % Owned

Vesting Type

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WATER RESOURCES DEPT

SALEM, OREGON

ASSESSMENT AND TAX INFORMATION

Market Land

Market Structure

Market Other

Market Total 98-99 Taxes Assessed Total

Exempt Amount: Exempt Type

% Improved

Levy Code

: 00701 Millage Rate : 14.7403

School Dist

: Hillsboro

: Exempt

PROPERTY DESCRIPTION

Map Grid Census

Class Code

NorhdCd

: Tract:

: 4HSB

Block:

MillRate

Suh/Plat

Land Use

: 9151 Gov, City

Legal

: ACRES 12.05, NON-ASSESSABLE

old sewage treatment

PROPERTY CHARACTERISTICS

Bedrooms Bathrooms:

Heat Method:

Pool Appliances : Dishwasher:

Hood Fan Deck Garage Type: Garage SF : Lot Acres

; 12.05 Lot SqFt : 524,898

BsinFin SF : BsmUnfinSF: BsmLowSF : Bldg SqFt

1stFlrSqFt UpperFISF : Porch SqFt

Attic SqFt Deck SaFt Year Built

EffYearBlt Floor Cover:

Foundation: Roof Shape: Roof Matl InteriorMat:

Paving Matl: Const Type :

Ext Finish

THOW ALL MET HE TEERS PRESENTS THAT ISA GRAFEL, a stagle omen, toreinstier designated drapter, of the county of Wallit State of Gregor, in consideration of Ten Bollars (\$10.00); and other. veluable appelderations to her paid by city or writtenone, discoli. a municipal corporation, hereinarter designated the oity, aractee; previous vintersor la horony comovied and, does horony grant, borgain, sell and convoy unto the said CITY of HILLShone, or one con, a municipal corporation, its successors and menighe, all the relieve. the bounded and described property, situate in the County of Manington, State of Oregon, to wit:

Beginning ht a point on the south line of that cortain tract of land in Sections 6 and 9, T13, R2W, 7, 1 whethere of land in Sections 6 and 9, T13, R2W, 7, 1 whethere of county, oregon, conveyed to Las Crabal by need recorded an page 1,00 of Foot 152, Washington County, Oregon, Deed Records, and which point 13 9, 0° 21 W. 1965.5 gen. Deed Records, and which point 13 9, 0° 21 W. 1965.5 gen. Deed Records, and which point 13 9, 0° 21 W. 1965.5 gent from the cunter eaction corner between said Deck the Journal of the County of the Record in the Crabal property for all distance of 70%. I feet to a point in the center of the Record Widte. Road as the same is now traveled; running thence W. 12° 10° W. along the center of said Road Bridge Road for a distance of 250 feet; running theboo N. 77° 50° M. 205. Let to the senter of Rock Creek to the setting the coasterly boundary of the above nated Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running thence 8° 88° 33° W. A.C. 6 and Grabal property; running the section of the property and section of the property and grabal property more or list. Rubject to the rights of the nublic to all portions tring within the boundaries or public pouds.

TO HATE AIR TO HOLD the above Henaubbed and errift tod pres traes unto the seria clay of hill BRORG, OREGO, a hunist wil corporation, its successors and upsigns forever.

This conveyance is made, executed and delivered by the original north to the francos upon the religion, boship him coults tionn:

1. That sold race property small be used for construction and unintendence of a squage disposal plant and purples lift station and other facilities baceasary in commodion therewith and for residential and hericulture at purposes, and growing of trees for a pariod of twenty

The City shall denstruct a substantial stock fence densities line between the track copyosal to the City and the Tenatider of the Orabek farm and meintain the same of long as madesatty for a fence remains;

in width clong the North line of the tract hereby conveyed by Grantor to the City, heritating at a point 150 feet east of the Northwest corner of said tract, and continue along the line of said tract and continue along the line of said tract as distance of 425 feet;

transpherebywoonvoyad; preserve the timber situate apon the transpherebywoonvoyad; preserve tripe treasfor treas constituting a danger or monace. The City will replace treas transport from said buffer atrip with ornemental trees, sufficient in number and buffer to constitute a buffer between the disposal plant and the Grabel farm;

Above designated purposes, odors, or fuses develop which shall interfers with the use of the remainder of the real property owned by the Granter of which the nersinbefore tegoribed and conveyed real property is a part, or affect the health or waibeing of the Granter, the granter small give to the City notice, and the City will thereafter cause, the same to be climinated within a reasonable time, and after remainable notice. But it is definitely understood, and agreed that this covenant is personal between the Granter bersin and the City of Hillsbore, and vests no right in any other person, firm or corporation; and does not run with the land.

6. The covenants upon the part of the City hereinger fore set forth, shall extend from the date networ, and small be binding upon the City, its successors and assign, and extended the city, its successors and assign, and extended the city of the

And the Granter above memed, does coverant to and with the above named Grantee, its successors and assigns, that are is the owner in the simple of the above granted premises, that they are freewarron-all incumbrances, and the Granter will, and her helps, decoutors and about a shall warrant and forever defend the above granted premises, and every part and percel thereof, against the lawful claims and desends of all persons whomsevery except his approach is never and complete and company whomsevery except his approach it is a persons whomsevery except his approach it is a person of the complete and complete and

TN WITHERS WIEREOF, I have herounts not my hand and soal on this 35th day of June, 1958,

ED

A-111 LAN 2 0 7009.

es water resources die

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WATER RESOURCES DEPT SALEM, OREGON

APR-18-2000 11:33

5036537833

97%

Rood Bridge Park Ponds & Creek Recirculating System Hillsboro OR

Park Boundary

Tax Lots

Man made creeks

Pipe - water from lower pond pumped to start of creeks

Lower Pond on Tax Lot 1S2090001500

Woodland Pond on tax Lot 1S208DD03400

Creek system on both tax lots

△ Government Corners

inch equals 400 feet





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WATER RESOURCES DEPT SALEM, OREGON acrial photo

Pictures of man-made creek at Rood Bridge Park



View of creeks through rhododendron garden and woodland.



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View of the creek outlet from Woodland Pond looking south as it flows south back to the Lower Pond (pond is beyond the wooded area at top of photograph).

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North creek entering Woodland Pond via waterfall



Woodland pond view looking NW

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Remarks re Water Use Request for Rood Bridge Park

(Water pumped from Lower pond to flow via man-made creeks to Woodland Pond and return to Lower Pond.)

Rood Bridge Park is Hillsboro's premier park because of its 60+ acre size and range of features including both developed and natural areas. Development of the park began in 1995, with construction in phases. A key element of the park design was the intended use of Level 4 treated effluent water for irrigation and for augmenting water level in the park's Lower Pond. A manmade creek system was designed to aerate the discharge water before it entered the Lower Pond, to ensure that any residual chemicals were fully oxidized. The creek system was an important design element, and also provided aesthetic values to the park. It was designed as a recirculating system so that it could function even when discharge water was not being utilized. Discharge water or water from the Lower Pond would be pumped via 6" pipe underground to the creeks and then flow back via gravity in the lined man-made creeks back to the Woodland Pond and then back to the Lower Pond. The plans for the CWS discharge water were subsequently put on hold, and the treated discharge water was not available. Meanwhile, the park and recirculating creek system and pump had been developed. The majority of the creek system is along the edge of a wooded area developed as a rhododendron garden, and so is partially shaded.

The water from the Lower Pond is pumped via a 20 HP pump to the beginning of the man-made creeks providing approximately 600 gpm of water. The water flows into two creek channels which enter the Woodland Pond via small waterfalls. The Woodland Pond has an outlet creek which returns water to the Lower Pond. There is approximately 1600 lf of creek system including the return creek to the Lower Pond. The creeks are 2-3 feet in width, lined with rubber topped with river rock, and a few inches in depth.

The submersible pump is fed by a 6" diameter intake pipe. This pipe sits inside a large 24" diameter pipe that extends into the Lower Pond. Both the intake pipe and the large protective pipe have protective mesh screenings on them. The intake pipe has a fine mesh that protects fish or other aquatic life from being drawn into the pump. There is a big screen box on the end of the large pipe to block fish and aquatic life as well as debris from the pipe intake. This 4' x 4' x 6' box is fitted with two layers of heavy protective screen (approximately 0.5" diameter openings). These systems have enabled the pump to run successfully since installation in 1999 without clogging and have protected the fish and aquatic life that utilizes the Lower Pond.

The park is maintained by full time maintenance staff. Care is used to ensure that any fertilizers or other chemicals do not enter the creeks or ponds at the park. Staff are licensed applicators; management practice limits use of any fertilizers or herbicides in areas adjoining water resources, including man-made water features and buffer zones.

The creek and pond system are key aesthetic features of the park. The creeks do not support fish, although ducks have been observed in the creeks. Waterfowl and amphibians have been observed in the Woodland Pond, and the Lower Pond is home to a variety of waterfowl, amphibians and other aquatic life.

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JAN 2 0 2009