

10/8/98

Wells seen to have not
yet been constructed.

P. Craig
Kolman

CONTACT w/ CITY

ALAN MUSTAIN

538-6706

Application: G-14070

Permit: G-17485

Public Notice Route Slip ... New Application Extension of Time
per Division 315 Rules... (Extensions received on July 1, 2001 or after)

Applicant/Permit

Holder(s)

City of Dundee
ATTN: Brandon Hamilton, Interim City Manager
520 SW 5th St.
Dundee, OR 97115

Proposed Completion Date: 10-1-2050

☐ WRIG...Money Received on: 9-24-25

☐ Extension Specialist ...

☐ Added to tracking spreadsheet

After fee is receipted and app is added to spreadsheet, route to...

☒ Tonya Miller...

☒ Recent Assignment (Check WRIS for Update)

☒ Publish on Public Notice (initial 30-day comment): Date of
notice 9.30.2025

☒ Update WRIS Database

☒ In the "PNotice Date" field... Enter the date the Extension Application
was published on the Public Notice.

☒ In the "Ext Filed" field... Enter the date the Extension Application was
received.

☒ Yes or ☐ No: Return file to Extension Specialist after PN returned 9.29.25

NOTES:

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **146094**

INVOICE # _____

RECEIVED FROM: City of Dundee
BY: _____

APPLICATION	G-14070
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # X 39452 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D \$ 1,170.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
____ OTHER: (IDENTIFY) _____ \$ _____
0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES \$ _____
0410 RESEARCH FEES \$ _____
0408 MISC REVENUE: (IDENTIFY) _____ \$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) _____ \$ _____
0240 EXTENSION OF TIME \$ 1,170.00

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		\$ _____

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$ _____	0220	\$ _____

____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD# _____
0210 MONITORING WELLS \$ _____ CARD# _____
____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$ _____
0231 HYDRO LICENSE FEE (FW/WRD) \$ _____
____ HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **146094**

DATED: 9-24-25 BY: Lisa D. Miller

CITY OF DUNDEE

Vendor: 9325 OREGON WATER RESOURCES DEPT.

9/17/2025

Check No: 39452

039452

INVOICE #		INV DATE	DESCRIPTION	INV AMOUNT
17485	1	9/16/2025	PERMIT G - 17485	1,170.00

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TOTAL AMOUNT

1,170.00



Oregon

Tina Kotek, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone 503 986-0900

Fax 503 986-0904

www.oregon.gov/owrd

September 29, 2025

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Right Services Division has received your application for an extension of time for **APPLICATION FILE #: G-14070 (Permit G-17485)**. Your application will be reviewed in the future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

You may continue the use of water under your water right until the Water Resources Department formally takes action on your extension application. If your permit includes conditions, water use reporting, water level measurement reporting, etc., you are required to comply with the conditions.

Any additional development that occurs after the expired completion date, identified on the permit or an extension order, can only be claimed upon an approved extension application.

If you have questions concerning your extension of time application, please contact Jeffrey Pierceall at (503) 979-3213. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's website at: www.wrd.state.or.us.

Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

Make use of this form, *Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits*, only if the permit uses the word "Municipal" or "Quasi-municipal" in the description of the purpose or use to which water is to be applied.

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

A separate extension application must be submitted for each permit as per OAR 690-315-0070(2). This page, with an original signature by the permit holder of record, must accompany the extension of time application.

This application and a summary of review criteria and procedures that are generally applicable to this application are available at <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml>

I, City of Dundee, Brandon Hamilton, Interim City Administrator

NAME OF PERMIT HOLDER [OAR 690-315-0070(1) and (3)(a)]

NAME OF CONTACT

520 SW 5th St, P.O. Box 220
ADDRESS

Dundee
CITY

OR
STATE

97115
ZIP

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PHONE

the permit holder of:

Application Number

E-MAIL ADDRESS

G-14070

Permit Number

G-13035

Transfer Permit Number

G-17485/T-11928

[OAR 690-315-

0070(3)(b)]

do hereby request that the time in which to:

- ☒ complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on October 1, 2025, be extended to October 1, 2050,¹

and/or the time in which to:

- ☒ apply water to full beneficial use under the terms and conditions of the permit, which time now expires on October 1, 2025, be extended to October 1, 2050.²

I am the permittee, or have written authorization from the permittee, to apply for an extension of time under this permit. I certify that the information I have provided in this application is true and correct to the best of my knowledge.

Signature

Date

9/17/2025

¹ The Application must demonstrate that the water system construction will be complete within the time being requested.

² The Application must demonstrate that full beneficial use can be made within the time requested.

Before submitting, make sure the following items are included:

- Completed Application for Extension of Time
- Statutory fee of \$1,170. Application received without the correct fee will be returned.
- Signature page (page 1 of application) for Application for Extension of Time
- All supporting documentation and/or evidence referenced in the Application for Extension of Time

MAIL COMPLETED APPLICATION

along with the

STATUTORY FEE (ORS 536.050) TO:

**Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266**

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GENERAL TIPS:

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- A separate Application for Extension of Time must be submitted for each permit. OAR 690-315-0070(2).
- Request the reasonable amount of time necessary to fully develop the permit and complete the project. If you don't request enough time, OWRD may be unable to find that you can complete the project within the time requested. The projected peak demand must demonstrate the full rate can be developed within the time period being requested.
- Permit extensions for Municipal and Quasi-Municipal permits are evaluated under OAR Chapter 690, Division 315. Except under limited circumstances (see OAR 690-315-0090), upon issuance of an order approving an extension of time, the permit holder will be required to submit a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86 within 3 years. Diversion of water beyond the maximum rate currently diverted under the permit shall only be authorized upon approval of a WMCP.
- The Application for Extension of Time includes detailed tips and instructions to help you respond to each item of the application. Oregon water law and administrative rules require the OWRD to consider each of these items when reviewing a municipal or quasi-municipal water use Application for Extension of Time. However, please feel free to provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 315-0070(3)(p).
- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights and Adjudications Division.
- Once an Application for Extension of Time is received by OWRD, it will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0080(1)(a).

Reference Materials Needed to Complete this Application

Below is a listing of the items that must be reviewed and considered when completing an Application for Extension of Time for a Municipal or Quasi-Municipal water use permit:

- The subject water right permit. If needed, a copy of the water right permit can be downloaded from the Department's Website at <http://apps.wrd.state.or.us/apps/wr/wrinfo/> (the link to the Water Rights Information System (WRIS)). Or, a copy of the permit (or other documents) may be requested by water right application number from the Water Rights Division at 503-986-0900 (copy fees will apply).
- Water Management and Conservation Plan (OAR Chapter 690, Division 86), *if applicable*, per OWRD.
- Water System Master Plan, *if applicable*, per Oregon Health Division.

- Documentation which demonstrates compliance with permit conditions (for example, well construction logs; static water level measurement reports; annual water use reports; a long-term alternative water supply plan; a plan to monitor the effect of water use on ground water aquifers utilized under the permit, etc.).
- All other water rights (certificates, permits, permit amendments, transfers, and/or new applications) held by the applicant.
- For municipal water use permits issued before November 2, 1998, for the first extension issued after June 29, 2005, the completed application must include a copy of any agreements regarding use of the undeveloped portion of the permit between the permit holder and a federal or state agency that include conditions or required actions that maintain the persistence of listed fish species in the portions of waterways affected by water use under the permit.

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Definitions Pertinent to this Application for Extension of Time

Actual Construction - any physical work performed toward completion of the water system which demonstrates the water right permit holder's good faith and intention to complete the project with reasonable diligence. Actual construction does not include planning a diversion system, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, or surveying. This definition applies to quasi-municipal permit holders, required under the applicable statute, and for municipal water use permits issued on or after June 29, 2005. OAR 690-315-0070(3)(c) and (d), and OAR 690-315-0020(3)(d)(A) and (B).

C-Date – the date specified in the permit or previous extension of time for complete application of water.

Permitted Time Period - period of time between the date when the permit was signed *and* the date specified in the permit for complete application of water

Time Period of the Previous Extension – *For the 2nd Application for Extension of Time* - period of time between the date specified in the permit for complete application of water and the new "extended to date" for complete application of water specified in the 1st approved extension.

For the 3rd, 4th, or . . . nth Application for Extension of Time - period of time between the "extended from date" for complete application of water and the "extended to date" for complete application of water specified in the most recently approved extension.

Undeveloped Portion of the Permit - the portion of the permit that is the difference between the maximum rate, or duty if applicable, specified in the permit and the maximum rate, or duty if applicable, diverted for beneficial use by June 29, 2005, or the C-date of the permit, whichever is later. (ORS 537.230(3)(d) and ORS 537.630(3)(d))

Work and Actions Accomplished - includes both physical work and other activities associated with the development of the water right, such as: water management planning; conservation planning; development of a water master plan for the Oregon Health Division; planning of a diversion system; demand forecasting; flow or water quality monitoring; source evaluation; entry into intergovernmental agreements for water delivery; property acquisition; engagement in

governmental permitting or project financing; procurement of planning, design or construction services; surveying; and any physical work performed toward completion of the system and development of the right (e.g., pumps; pipes; well construction; treatment plant/facilities; transmission systems; distribution systems; and/or intake structures).
OAR 690-315-0080(4).

Completing the Extension of Time Application for Quasi-Municipal or Municipal Use Permits

Please provide the information requested by item numbers 1-13. OWRD will use this information to evaluate your Application for Extension of Time.



TIP: When making a reference to any document, report, and/or plan:

- (1) reference the source document along with any page number(s), table(s) and/or chart(s) used in the response, and
- (2) include a copy of the source document (or appropriate pages) with the extension application.

[OAR 690-315-0070(3)]

1. **Submit the appropriate extension of time fee (\$780), as specified under ORS 536.050.**
If the extension application fee has already been paid, please provide indicate why and when it was paid.

[OAR 690-315-0070(3)(c)]

2. ~~For Quasi-Municipal water use permit holders, provide evidence of the actions taken to begin actual construction on the project if required under the applicable statute. All Quasi-Municipal permits issued prior to October 23, 1999, are generally required to begin actual construction within one (1) year.~~



~~**TIP:** See Definition of "Actual Construction"~~

~~Begin Date: _____. Construction of _____ began.
(month/year) (details)~~

[OAR 690-315-0070(3)(d)]

3. **For Municipal water use permits issued on or after June 29, 2005, evidence of the actions taken to begin actual construction on the project.**



TIP: See definition of "Actual Construction"

Begin Date: 4/2005. Construction of POA-2 began.
(month/year) (details)

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4. Provide a description of financial expenditures and evidence of actions taken to develop the water right permit within the permitted time period and, if applicable, within the time period of the most recent extension granted. *Present the list in chronological order in Chart-I.*

**TIP:**

See definitions of "Permitted Time Period", "C-Date", "Time Period of the Previous Extension", "Actual Construction" and "Work and Actions Accomplished".

CHART-I

INSERT DATES	ALL WORK AND ACTIONS ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List work/actions done before the permitted was issued – e.g. Well drilled.</i>	COST
3/1996	Clearwell Pump Station construction	\$310,000
INSERT DATES	ALL WORK AND ACTIONS ACCOMPLISHED DURING PERMITTED TIME PERIOD (after permit was issued and prior to permit "C-date") <i>List work/actions done during the permitted time period.</i>	COST
12/11/1996	Date the permit was signed - find date above signature on last page of permit.	
8/1997	Fir Court Subdivision 8-inch and 12-inch diameter Waterline Construction	\$15,000
12/16/1997	Date the permit specified "Actual Construction Work" shall begin ("A-Date") - not all permits contain this date.	
9/1999	Falcon Crest Subdivision 12-inch Diameter Waterline Construction	\$22,000
10/1/1999	Date the permit specified complete application of water to the use shall be made ("C-Date") - all permits contain this date.	
INSERT DATES	ALL WORK AND ACTIONS ACCOMPLISHED AFTER PERMIT "C-Date" and PRIOR TO THE MOST RECENT EXTENSION OF TIME REQUEST <i>For the 1st Application for Extension of Time: List work/actions done after the permit "C-date" up to the date of this extension request. For Other than the 1st Application for Extension of Time: List any work/actions done after the permit C-Date but prior to the most recent extension.</i>	COST
CHART-I (continued)		
INSERT DATES	ALL WORK AND ACTIONS ACCOMPLISHED DURING THE MOST RECENT EXTENSION OF TIME GRANTED <i>For Other than 1st Application for Extension of Time: List any work/actions done during the time period most recent extension.</i>	COST
10/1/1999	Date of the last "Extended From Date" for complete application of water (used on the most recently approved extension of time).	
10/2001	Maple Street and Linden Lane Waterline Improvements	\$80,000
9/2003	City of Dundee Water System Master Plan	\$60,000
2/2004	Maple Street Waterline Improvements	\$39,000
3/2005	Exploratory Well Design	\$17,000
April-June 2005	POA-2 (YAMH-56803/54149) was drilled	\$115,000
4/2014	POA-2 (YAMH-56803/54149) received a new pump and VFD, wellhead	\$457,000

7/19/2021

Application for Extension of Time
For Municipal and Quasi-Municipal Water Use Permits
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	improvements, telemetry, to prepare it for normal service	
9/2014	Transfer T-11928 submitted	
11/2021	10-year WMCP update	\$23,100
April-May 2014	POA-2 (YAMH-56803/54149) was altered, backfilled with bentonite chips and relined and screened	\$38,000
2014	1,800 feet of pipe constructed to connect the well to existing water infrastructure	
10/1/2025	Last "Extended To" date for complete application of water (resulting from the most recently approved extension of time).	
INSERT DATES	ALL WORK AND ACTIONS ACCOMPLISHED AFTER THE MOST RECENT EXTENSION OF TIME GRANTED <i>List work/actions done after the last authorized date for complete application of water has passed.</i>	COST
NA	NA	NA
Total Cost to Date		\$1,176,000+

1. Dates in this table reference the original permit (G-13035), which was extended once and transferred via T-11928, resulting in its new permit number (G-17485).

[OAR 690-315-0070(3)(f)]

5. Provide evidence of compliance with conditions contained in the original permit, in any previous extension(s), and/or in any permit amendments (Chart II), or the reason the condition was not satisfied (Chart III).

Conditions requiring a response in the extension of time application include those which:

- Stipulate a specific date by which the permit holder was to accomplish a specific action, such as a condition that requires plans and specifications for a reservoir, a Water Management and Conservation Plan, a ground water monitoring plan or some other document which "...shall be submitted...within two years of permit issuance." If your permit requires submittal of a Water Conservation and Management Plan, please indicate the date the plan was submitted to or approved by OWRD, or whether it is still being drafted, etc.;

and/or

- Are triggered by the use of water, but do not stipulate a specific date. These conditions represent a milestone in development of the project and use of water, such as the permit holder, "shall install...a water meter or other suitable measuring device approved by the Director...before any use of water begins." Another common condition triggered by the use of water is that; "fish screens are to be installed according to Oregon Department of Fish and Wildlife specifications."



TIP:

Any supporting documentation submitted to demonstrate compliance with time-sensitive permit conditions or any conditions from prior permit extension(s) must be clearly referenced and may include, but is not limited to: well construction logs; static water level measurement reports, annual water use reports; a Water Management and Conservation Plan; an alternative long-term water supply plan; and/or a plan to monitor the effect of water use on ground water aquifers utilized under the permit. If needed, please contact

OWRD for assistance in identifying and/or interpreting which conditions in the water permit are pertinent to the Application for Extension of Time.

- 5-A) Describe how each condition has been complied with. Include conditions contained in the original permit (and, if applicable, each condition contained in any order approving a permit amendment and/or a final order approving a prior extension of time). Include the date when the condition was satisfied.

CHART-II

Condition No.**	Date Satisfied	Describe How Permit Condition Has Been Satisfied
1	June 2005	Totalizing flowmeter installed
2	2025	Water use information attached (Attachment B).
3	5/19/2005	Initial static water level reported by Driller
4	Multiple	March water levels were submitted in 2007-2009, 2023-2025.
5	11/21/2012	WMCP was approved, 10-year update approved 12/28/2023
6	June 2005	Access port installed
7	Unknown	Results of 115-hour aquifer test were submitted to OWRD. The GWIS site for YAMH54149/56803 indicates that the pump test was received ("Available Data" -> "Aquifer Test Completed" -> "Yes").
8	4/18/2005	Well construction began

** Condition No: Attach a copy of the permit and, if applicable, any prior permit extensions or permit amendments with conditions identified and hand-numbered in a continuous number sequence throughout all such documents. Responses to Items 5-A and 5-B should reference each condition by number to correspond with the hand-written number sequence on the attached documents containing permit conditions.

- 5-B) If applicable conditions have NOT complied with all, explain the reasons why and indicate with a date certain (in the near future) when compliance will occur.

CHART-III

Condition No.**	Date Will Comply	Explain Why Each Permit Condition Has NOT Been Satisfied
9	10/1/2050	Full application of water under Permit G-17485 has not yet occurred. The City has worked to develop its water sources as water demand has increased. Development of additional water sources has been done based on a cost-impact basis, with more affordable and impactful projects taking precedence.

[OAR 690-315-0070(3)(g)]

6. Provide evidence of the maximum rate (or duty, if applicable) of water diverted for beneficial use under this permit. Report water use as of June 29, 2005, or the C-Date of the permit (whichever is later).



TIP:

Documentary evidence substantiating the maximum instantaneous rate, or duty if applicable, of water appropriated may include, but is not limited to: water meter records; dedicated electrical meter records; business records; and/or a sworn affidavit.

6-A) For Surface Water Permit Extensions:



TIP: Report in the same units of measurement as specified in the permit. In this section, report only water use made under THIS permit:

Maximum instantaneous rate (as of June 29, 2005, or C-date (whichever is later)) =
_____ cfs, or
(cubic feet per second)

Maximum instantaneous rate (as of June 29, 2005, or C-date (whichever is later)) =
_____ gpm, or
(gallons per minute)

_____ Acre Feet stored as of June 29, 2005, or C-date (whichever is later) = _____ AF

6-B) For Ground Water Permit Extensions:



TIP:

Include information from ALL wells that pertain to this permit, including drilled wells not currently used.

CHART-IV

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED						
			Well Log Number E.g. MULT 60493	Well Tag Number E.g. # 40151 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See below)	Maximum instantaneous rate used by June 29, 2005, or C-date (whichever is later) -- from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under any OTHER water rights?	If yes, provide the rate used from this well under each water right. (Typically the total of all uses from a single well will not exceed the well's pumping capacity.)	
								Permit, Certificate, or Transfer No.	Rate (CFS or GPM)
POA-1	Well 12	Yes ☐ No ☒	NA	NA	Yes ☐ No ☐		Yes ☐ No ☐	-	
POA-2	Well 11/13	Yes ☒ No ☐	YAMH-56803/54149	77110	Yes ☒ No ☐	24.4 gpm	Yes ☒ No ☐	G-17484	224.4 gpm
		Yes ☐ No ☐			Yes ☐ No ☐		Yes ☐ No ☐	-	
		Yes ☐ No ☐			Yes ☐ No ☐		Yes ☐ No ☐	-	
Total instantaneous rate from all wells utilized under this permit used as of June 29, 2005, or C-date (whichever is later)						24.4 gpm			

POA-1 was never developed

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~~6-C) If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location. Has or will a permit amendment application been/be filed with OWRD? Yes ☐ No ☐~~

~~If a Permit Amendment Application has been filed: Transfer No. T _____~~

~~Well # _____: Actual location: _____~~

~~Well # _____: Actual location: _____~~

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[OAR 690-315-0070(3)(h)]

7. Provide an estimate of the current population served under this permit and a description of the methodology(ies) used to make the estimate.

Estimate the current population that is supplied water by the municipality or quasi-municipality and if applicable, current population served under this permit. Describe how that estimate was derived, or cite the source document from which the data was obtained. Include any calculations, formulas, supporting documentation, including copies of source documents.

Current Population: 3,249 as of Year: 2024

Methodology used to estimate current population served: **2024 PSU Certified Population estimate for the City of Dundee**

[OAR 690-315-0070(3)(p)]

8. Report the current peak water demand of the current population served, and a description of the methodology(ies) used to make the estimate.

Identify the total rate, or duty if applicable, of water being used to meet the current peak demand for water from all water rights held by the municipal or quasi-municipal entity. This must be reported in the same units of measurement as specified in the permits, being cfs (cubic feet per second), gpm (gallons per minute), and/or AF (acre-feet – usually only specified on a reservoir right to store water). This total rate should be based on the information provided on "Attachment A" in the column named "Max Amount of Beneficial Water Used to Date" [under Item 10-A (a)].

Current Peak Water Demand (MDD): 1.06 MG, 1.55 cfs as of Year: 2024

Methodology used to estimate current peak demand: **Average daily demand over 5 years (2017-2021) multiplied by a 2.8x peaking factor to approximate maximum day demand in 2021 (1.1 MGD), converted to cfs (2023 WMCP). ADD was converted to gallons per capita per day (gpcpd) and adjusted proportionally based on population change since the publication of the 2023 WMCP (decrease from 3,371 to 3,249).**

[OAR 690-315-0070(3)(k)]

9. Provide a summary of any events that delayed completion of the water development or application of water to full beneficial use, including other governmental requirements (if

any), relating to the project that have significantly delayed completion of construction or perfection of the right.



TIP:

Such events may include, but are not limited to: the size and scope of the project; financing and/or cash flow issues; local referendums or initiatives; actual growth rates; economic downturns; loss of territory to annexation; water conservation efforts; the need to meet other governmental requirements relating to the project; natural disasters and severe weather; and/or any other events over which the water right permit holder had no control and which delayed development under the permit.

The City manages a portfolio of groundwater and surface water rights with many different PODs and POAs. It must make decisions about development and maintenance of its water system that provide the most financially-efficient path. Currently, many of the City's water rights are held in anticipation of significant population growth over the next 20 years, as referenced in the City's 2023 WMCP and in communication with the City during CwM's site visit. Under the forecasted population growth scenario, the City will have a need for significantly more water supply, and will continue to develop beneficial use under its current water right portfolio (2023 WMCP). In addition, the extended permit window has spanned multiple global crises, including the 2008 Global Financial Crisis and the 2020 COVID-19 Pandemic. Both of these events limited the City's ability to plan and execute large capital projects such as those required to develop Permit G-17485. The City is considering the development of this water right within the proposed extension window to support forecasted development and population growth of greater than 50% over the proposed extension window (2023 WMCP; PSU Population Research Center, 2024). In addition to development of this water right, the City is also engaged in active talks with nearby municipalities to organize a regional water right agreement, which occupies valuable time and resources.

[OAR 690-315-0070(3)(I)]

- 10-A. Provide an estimated demand projection and a description of the methodology(ies) used for the subject water right permit, considering the other water rights held by the municipal or quasi-municipal water use permit holder, and a date by which the water development is anticipated to be completed and water put to full beneficial use. The Application must demonstrate that the full rate authorized by the permit can be put to beneficial use within the time being requested.

In developing your estimated demand projections for the permit being extended, you should include the following items:

a) Inventory of Water Rights Held

List all water rights held, including this permit, currently held by the permit holder. Use the format shown in "Attachment A" (see last page of this Application for Extension of Time). A link to the Water Rights Information System (WRIS), accessed through OWRD's website at <http://apps.wrd.state.or.us/apps/wr/wrinfo/> may be a helpful source for compiling this information.

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Use the "Use Limitations" column to identify and explain why any water right is not currently utilized to meet current peak water demands, or which is used only in a limited capacity.



TIP: Use limitations include any factors affecting the use of a water right, such as: used for system redundancy; used for emergency back-up water supply; climate patterns or turbidity result in seasonal unavailability; not used due to water quantity issues, etc.

b) Water Supply Contracts and/or Agreements

List any water supply contracts or agreements for water that will be supplied by the permit holder to other entities.

NA

List any water supply contracts or agreements for water that will be supplied from other entities that the permit holder will depend on to meet its own current or anticipated future water needs.

NA

c) Projected Population

Identify the projected population growth rate. The population projection must be extended out, at a minimum, to the year requested for complete application of water. Describe the methodology used to create the population projections such as historical growth rates or any factors affecting growth trends.

Population Growth Rate: 1.2%

Projected Population: 7,428 as of Year: 2050

Methodology used to estimate projected population and population growth rate:

Based on information in the 2023 WMCP, the City anticipates an increase in population. This is based on projected population growth of the existing population of 1.2% per year and the development of additional housing areas in the City. Population growth and associated demand are shown in the included table. Population projections are based on Portland State University's population growth projections for the City as well as the projected buildout population of the planned Riverside District development, which should be fully developed in the next 20 years.

	PSU Forecast for Currently Developed Portion of UGB	Riverside District Forecast	Total Population
2025	-	-	3,249
2040	3,632	2,619	6,251
2050	3,809	2,619	7,428

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d) Future Peak Water Demands

Identify the projected peak water. The peak water demand projection must be extended out, at a minimum, to the year requested for complete application of water, and must demonstrate that full beneficial use may be accomplished within the time requested. Describe the methodology used to create the water demand projection, such as historical growth rates or any factors affecting growth trends. Include a summary of how the subject permit, and other water rights and /or supply contracts held by the permit holder are planned or expected to be used to meet anticipated future water needs

Projected Peak Water Demand: 3.76 cfs as of Year: 2050

Methodology used to estimate peak water demand:

In its 2023 WMCP, Dundee projected demand using a per capita demand approach. Specifically, the City multiplied projections of population presented in Section 5.2 in 2032 and 2042 by a water use factor in units of gallons per person per day (gpcd). The water use factor was calculated by dividing the highest recent MDD by the estimated population of City residents in that year. The highest MDD occurred in 2021 (1.1 mgd or 1.7 cfs constant rate, 2.8x peaking factor) resulting in a demand of 327 gpcd based on a population of 3,371. The demand forecast shows MDD reaching 2.4 mgd (3.76 cfs) by 2050.

	Population	MDD (mgd)	MDD (cfs)
2021 (actual)	3,371	1.1	1.7
2024 (estimated)	3,249	1.06	1.5
2040	6,251	2.04	3.16
2050	7,428	2.4	3.76

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e) Potential Growth

Describe the potential for growth of the service area (such as the annexation of lands or new industrial and/or commercial ventures locating within the service area) and describe how those projects are expected to affect future water demands.

From 2023 WMCP: "Dundee anticipates expansion of its service area to include the Riverside District (also known as the Riverview District) within the 20-year planning period. According to a study conducted by the City in 2019, full build-out of the district would occur within 15 years of initial construction. The City currently predicts construction [of the Riverside District] will commence in 2025, with build-out of the area occurring by 2040" (2023 WMCP).

f) Completion Date

Provide the date by which the water development is anticipated to be completed and water put to full beneficial use. **October 1, 2050**

[OAR 690-315-0070(3)(l)]

- 10-B. ~~Application for Extension of Time requests for greater than 50 years must include documentation that the demand projection is consistent with the amount and types of lands and uses proposed to be served by the permit holder.~~



~~TIP: If you are requesting an extension of greater than 50 years, it is very important to provide all available documentation (including estimates, projections, other related information, and all associated data) supporting the position that the demand projection is consistent with the amount and type of lands and uses to be served by the permit holder.~~

~~Show that permit holder's potential for future growth and expansion is feasible and consistent with the amounts and types of lands and uses proposed to be served. Information that may be addressed includes, but is not limited to: land use plan(s); current service area(s) in relation to the urban growth boundary; amounts of lands currently un-served and available for future development; and/or low-density vs. high-density areas.~~

[OAR 690-315-0070(3)(j) and OAR 690-315-0070(3)(m)]

11. Provide an estimate of the costs to complete water development and summary of the future plan and schedule to complete construction and/or perfect the water right.

Considering the demand projections in Item 10-A, describe major future work and actions that must be accomplished in order to fully develop and perfect the subject permit. Provide a list of the major planning, work and/or actions needed, the approximate time frames, and estimated costs anticipated to complete the water development within the parameters of this permit.

The review of a Capital Improvement Plan (CIP) or other system infrastructure improvement plans may help when formulating a response.

CHART-V

APPROXIMATE DATE RANGE	WORK AND ACTIONS TO BE ACCOMPLISHED	ESTIMATED COST
By 10/1/2050	Develop an additional POA as allowed under the 2015 permit amendment to enable full diversion of up to 0.5 cfs, or 0.8 cfs combined with Permit G-17484	\$1,150,000
By 10/1/2050	Install necessary piping to connect the new POA to the City's existing distribution infrastructure	\$100,000
Year: 2050	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Estimated Total Cost to Complete Development		\$1,250,000 ¹

1. Based on cost from 2016 WMP, adjusted for 2025 dollarsz

[OAR 690-315-0070(3)(n)]

12. Justify the time requested to complete the project and/or apply the water to full beneficial use.

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A justification should integrate information from Items 5-B, 6-A or 6-B, 9, 10-A, and 11 of this application, and should include any other information or evidence to establish that the requested amount of time is reasonable, and that you will be able to complete the project within the amount of time requested.

The City needs the requested time to complete the full application of water under Permit G-17485 due to multiple reasons:

- ***Municipal water planning horizons range from 20 to 50 years, much like the water demand forecasts in the required Water Management and Conservation Plans and Water Master Plans. Development of new green-field projects within the City's UGB include a complex process of annexation, land planning, development proposal review, funding acquisition via loans or grants and the design, contracting and construction of water and other utility service infrastructure to support proposed growth options. From present day, these municipal development activities can reasonably require 10 to 20 years to develop and complete.***
- ***Additionally, the City is just beginning to see new development within its service area, including the "Riverside District", which will contribute an additional 1,200 people by 2032 and 2,619 people by 2042 and two hotels with up to 90 rooms. The development of these areas will cause a rapid increase in the City's demand which will necessitate the development of the additional drinking water capacity afforded by this Permit.***
- ***The City has multiple water resource assets to consider for development. These include a combination of surface water and groundwater certificates and permits. Developing strategies to optimize these assets is currently under review by the City and may include aquifer storage and recovery, construction of an independent City owned water treatment plant, teaming with other local municipal partner or joining a water consortium to develop Willamette River surface water rights at a co-owned treatment plant. These strategies and negotiations develop over years of discussion and depend heavily on available state and federal funding, home development pressure, and the political priorities set by City Council of each of the participating municipal entities. Alignment of these variables can require 10, 20 or more years before a new water source project is created and fully developed. Based on these common factors a 25 year extension is reasonable.***
- ***Developing a new water source can take many years of technical assessment in the form of feasibility studies. Feasibility studies do not always result in a viable project, and the City might require ten or more years to develop another water source option. Aquifer assessments in the form of costly and complex subsurface investigations to classify the subsurface in the area where a new POA-1 (Well-12) might be installed will take about 2 years to complete but does not guarantee that the new water source will be successful. The City's last feasibility study (for a collector well under Permit S-44462) was completed in 2014. The result of that study found that a collector well was not feasible at the selected location. Since that time the City has not had the funding to continue with further subsurface investigations. It is reasonable that when***

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multiple feasibility studies are required to successfully complete a new water source, the time line for development can be on the order 20 years or longer.

- *Finally, the City anticipates additional revenue to come from the increases in service area population, which will support the development of new water supply infrastructure.*

[OAR 690-315-0070(3)(o)]

13. Provide any other information you wish OWRD to consider while evaluating the Application for Extension of Time

Development of additional housing within the Dundee UGB aligns with the Oregon Housing and Community Services Department's (OHCS) Statewide Housing Plan, which aims to increase the availability of housing to address statewide housing shortages. Additional housing will require additional water resources.

[OAR 690-315-0070(3)(q)]

- ~~14. For Municipal water use permits issued before November 2, 1998, for the first extension issued after June 29, 2005, provide a copy of any agreements regarding use of the undeveloped portion of the permit between the permit holder and a federal or state agency that include conditions or required actions that maintain the persistence of listed fish species in the portions of the waterways affected by water use under the permit.~~

This groundwater permit does not have required actions to protect fish species.

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Water Rights Inventory for (Name of Entity) City of Dundee
(List of All Permits, Permit Amendments, Certificates, Transfers, New Applications)

Attachment "A"
For Extension of
Time Application

Ground Water

Application No.	Permit No.	Priority Date	Certificate No.	P.A. ³ or Transfer No.	Source of water identified in water right	Facility Name used by entity	Use	Rate identified in water right (cfs or AF)	Actual Diversion	Authorized Completion Date ⁴	Notes or Limitations to water use ⁵
									Maximum Instantaneous Rate Diverted to Date (cfs)		
G-6331	G-6017	7/22/1974	NA	NA	CRBG, Late Tertiary Sediments	Springs Well 1	Municipal	0.97	0.19	10/1/2025	NA
						Well 4 River Well			0.11		
						Springs Well 2			0.06		
						Old River Well			0		
G-1217	G-1263	11/28/1958	29157	NA	CRBG	Deep Well 3	Municipal	0.18	0.18	NA	NA
G-10904	G-10148	3/24/1983	61759	NA	CRBG	Martsof Wells 5 & 6	Municipal	0.60	0.60	NA	NA
G-11866	G-11058	3/24/1988	87588	NA	CRBG	Springs Well 7	Municipal	0.33	0.33	NA	NA
G-12568	G-12685	6/7/1991	NA	NA	CRBG	Springs Well 8	Municipal	1.78	0.39	10/1/2025	NA
						1 st Street Well 9			0.29		
						Alder Street Well 10			0.16		
G-14066	G-17484	5/19/1995	NA	T-11928	CRBG	Well 13 Watershed	Municipal	0.5	0.5	10/1/2025	Combined rate not to exceed 0.8 cfs.
						Springs Well 11/13					
G-14070	G-17485	5/19/1995	NA	T-11928	CRBG	Springs Well 11/13	Municipal	0.5	0.05	10/1/2025	

³ P.A. = Permit Amendment

⁴ Date by which full application of water is to be made within the terms and conditions of the permit (date will be specified in the permit or on the last extension Final Order).

⁵ If a particular water right certificate, permit, or transfer is not being utilized to meet current demands, or its use is somehow limited due to quality, seasonal, etc. limitations, or if a the actual diversion rate is less than a certificated rate, please explain why.

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Municipal and Quasi-Municipal Water Use Permits

Application for Extension of Time

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Surface Water

Application No.	Permit No.	Priority Date	Certificate No.	P.A. or Transfer No.	Source of water identified in water right	Facility Name used by entity	Use	Rate identified in water right (cfs or AF)	Actual Diversion	Authorized Completion Date	Notes or Limitations to water use
									Maximum Instantaneous Rate Diverted to Date (cfs)		
S-9028	S-5932	6/20/1923	8781	NA	Two Springs, Otter/Harvey Creek	Two Springs	Municipal	0.5 cfs	0.5	NA	NA
S-12629	S-8978	3/25/1929	8817	NA	Two Springs, Otter Brook/Harvey Creek	Two Springs	Domestic, fruit and nut dryers and fruit packing house	0.05 cfs	0.05	NA	NA
S-18173	S-13880	6/8/1939	14654	NA	Mossy Springs, Otter Brook/Harvey Creek	Mossy Spring	Domestic	0.0007 cfs	0.0007	NA	NA
S-22077	S-17367	11/7/1946	17145	NA	Unnamed Stream	Harvey Creek	Municipal	0.25	0.25	NA	NA
S-58951	S-44462	7/24/1979	NA	NA	Willamette River	Willamette River	Municipal	4.0	0	10/1/2025	2023 WMCP FO limited development to 1.10 cfs

Pending New Water Right Applications

Application No.	Priority Date	Source	Proposed Use	Proposed Rate
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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Municipal and Quasi-Municipal Water Use Permits

Application for Extension of Time

Attachment B
Permit G-17485/13035 Highlighted Conditions

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Attachment B

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Measurement, recording and reporting conditions:

- A. 1 Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and
- 2 shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Application G-14070 Water Resources Department

PERMIT G-13035

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(1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

- (a) An average water level decline of three or more feet per year for five consecutive years; or
- (b) A total water level decline of fifteen or more feet; or
- (c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

3(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

4(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement.

The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

Application G-14070 Water Resources Department

PERMIT G-13035

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Groundwater production shall be from the Columbia River Basalt, between 50 and 400 feet below land surface.

- 5 Within ONE YEAR of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

STANDARD CONDITIONS

- 6 The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

- 7 Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

- 8 Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued December //, 1996

Martha O. Pagel
Martha O. Pagel, Director
Water Resources Department

Application G-14070 Water Resources Department
Basin 02 Volume 18 OTTER CREEK & MISC
MGMT.CODE 7IG, 7IR

PERMIT G-13035
District 16

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Attachment C
City of Dundee Water Use Records

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Attachment C
Scans of paper water use records provided by the City

Date	2/26/2023	1/26/2023	12/28/2022	11/28/2022	10/26/2022	9/26/2022	8/25/2022	7/26/2022	6/27/2022	5/25/2022	4/25/2022	3/24/2022	2/24/2022	1/24/2022	12/23/2021	11/24/2021	10/26/2021	9/24/2021	8/26/2021	7/27/2021
Well 11/13	11410293	9623217	8603391	16229017	13638933	10518622	6137270	1888511	8628365	6154119	4190685	2728132	10997983	9182483	6206439	4002403	2205256	1434584	9486719	7096010
Acre ft	5.5	3.1	7.3	7.9	9.6	10.0	10.0	10.0	7.6	6.0	4.5	5.3	5.6	9.1	6.8	5.5	2.4	6.0	7.3	11.2
Monthly/Gallons	1787076	1019826	2378712	2590084	3120311	3258510	3258510	2474246	1963434	1462553	1727010	1815500	2976044	2204036	1797147	770672	1947865	2390709	3636570	
Highest Flow Day	17-Feb	1/1	9-Dec	3-Nov	6-Oct	5-Sep	25-Aug	7/26	6/22	5/13	4/1 no data recorded									
Max Daily Production Gal	108592	78495	109028	115340	163379	217756	221573	231296	118246	95650	114729									
CFS	0.1680	0.1215	0.1687	0.1785	0.2528	0.3369	0.3428	0.3579	0.1830	0.1480	0.1775									
Well 10	78646968	78646968	77731520	77365416	77035848	76667504	75954376	75227384	74191648	73731470	73414304	72955080	72698952	72643312	72607992	72299648	71389288	70536864	69106240	67164120
Acre ft	2.3	2.8	1.1	1.0	1.1	2.2	2.2	3.2	1.4	1.0	1.4	0.8	0.2	0.1	0.94	2.8	2.6	4.4	6	5
Monthly/Gallons	739682	915448	366104	329568	368344	713128	726992	1035736	460178	317166	459224	256128	55640	32585	306300	912383	847213	1433744	1955106	1629255
Highest Flow Day	12-Jan	12-Jan	26-Dec	15-Nov	10-Oct	1-Sep	18-Aug	7/9	6/28	5/23	4/24	3/6	2/27	out of service		12/3	11/13	10/1	9/29	8/8
Max Daily Production Gal	44512	44512	47760	28112	30800	37216	41176	46212	43330	27624	34328	17320	8698		52504	59392	59304	73112	76984	76320
CFS	0.0689	0.0689	0.0739	0.0435	0.0477	0.0576	0.0637	0.0715	0.0670	0.0427	0.0531	0.0268	0.0135		0.0812	0.0919	0.0918	0.1131	0.1191	0.1181
Well 9		9499652	7357955	6479854	5705916	4847061	3208029	1458203	8969090	7885856	7125022	6036793	5419104	4956080	4882866	4248005	2432057	53008	7919169	5616609
Acre ft		6.6	2.7	2.4	2.6	7.6	7.6	7.6	3.3	2.3	3.3	1.9	1.4	0.2	1.9	5.5	7.3	6.5	7.1	7.5
Monthly/Gallons		2141697	878101	773938	858855	2476468	2476468	2476468	1083234	760834	1088229	617689	463024	73214	619117	1792181	2378712	2118032	2313542	2443883
Highest Flow Day		12-Jan	27-Dec	15-Nov	10-Oct	1-Sep	6-Aug	7/22	6/25	5/23	4/24	3/6	2/19	1/28	12/3	11/11	10/24	9/18	8/12	7/11
Max Daily Production Gal		106720	112457	66078	76796	84992	98570	106252	95260	70770	83231	41162	40637	49300	102033	117490	109118	112463	96270	108382
CFS		0.1651	0.1740	0.1022	0.1188	0.1315	0.1525	0.1644	0.1474	0.1095	0.1288	0.0637	0.0629	0.0763	0.1579	0.1818	0.1688	0.1740	0.1490	0.1677
Well 8 90974118		94728680	93871850	91942490	89740428	87313502	83697489	80118375	77508802	75412150	73770633	72344336	70920667	69403745	66925610	65093144	63709433	63116157	61639560	59828500
Acre ft		2.6	5.9	6.8	7.4	11.1	11.0	8.0	6.4	5.0	4.4	4.4	4.7	7.6	5.6	4.2	1.8	4.5	5.5	8.5
Monthly/Gallons		856830	1929360	2202062	2426926	3616013	3579114	2609573	2096652	1641517	1426297	1423669	1516922	2476468	1824766	1368574	586532	1466330	1792181	2769734
Highest Flow Day		13-Jan	10-Dec	13-Nov	8-Oct	8-Sep	8/24	7/24 No Data		5/8	4/8	3/26	2/21	1/24 no data recorded			10/22	9/24	8/13	7/18
Max Daily Production Gal		76197	95672	96184	135958	180153	174631	197310		109830	75308	94165	88092	63147			53407	92991	97067	215379
CFS		0.1179	0.1480	0.1488	0.2104	0.2788	0.2702	0.3053	0.0000	0.1699	0.1165	0.1457	0.1363	0.0977	0.0000	0.0000	0.0826	0.1439	0.1502	0.3333
Well 7 90974120	3696888	2880112	2384195	1317120	48828027	48826914	48822486	48821730	48632258	47198800	45908579	44695387	43365967	41410863	39128350	37606840	36475760	35512615	34116621	32535833
Acre ft		1.5	3.3	New Meter		Meter Issue		0.6	4.4	4.0	3.7	4.1	6.0	7.0	4.6	3.4	2.9	4.3	4.8	6.8
Monthly/Gallons	0	495917	1067075					189472	1433458	1290221	1213192	1329420	1955104	2280957	1498915	1107893	944968	1401159	1564085	2215787
Highest Flow Day	16-Feb	16-Jan	10-Dec	13-Nov	No Data	No Data	No Data		6/22	5/14	4/8	3/31	2/24	1/25 no data recorded			10/1	9/8	8/20	7/18
Max Daily Production Gal	46700	41466	50953	53777					75525	89537	61635	71940	94939	102362			44273	72357	88885	84060
CFS		0.0642	0.0788	0.0832				0.1169	0.1385	0.0954	0.1113	0.1469	0.1584	0.0000	0.0000	0.0685	0.1120	0.1375	0.1301	
Well 5&6		4258099	3364829	2783377	2206551	173738	6153694	1584550	7257663	5312943	3943182	1844900	10679321	9606748	9600748	9535824	9535824	5879655	1141090	4740048
Acre ft combined		2.7	1.8	1.8	6.2	13.3	13.3	13.3	6.0	4.2	6.4	3.6	3.3	0.0	0.2		11.2	14.5	19.6	23.5
Monthly/Gallons		893270	581452	576826	2032813	4333818	4333818	4333818	1944720	1369761	2098282	1173064	1072573	6000	64924	0	3656169	4738565	6386680	7657499
Highest Flow Day		24-Jan	26-Dec	5-Nov	10-Oct	1-Sep	18-Aug	7/30	6/28	5/23	4/24	3/30	2/3	1/27	12/2 off		10/8	9/20	8/25	7/3
Max Daily Production Gal		65246	156670	85239	181822	217464	239622	264179	183991	126849	152228	105869	95737	98601	70708		186588	216766	247830	293347
CFS		0.1010	0.2424	0.1319	0.2813	0.3365	0.3708	0.4088	0.2847	0.1963	0.2355	0.1638	0.1481	0.1526	0.1094		0.2887	0.3354	0.3835	0.4539
One half of Acre Ft.		1.37	0.89	0.89	3.12	6.65	6.65	6.65	3.00	2.10	3.20	1.80	1.65	0.00	0.10	0.00	5.61	7.27	9.80	
Well 3		28126250	27384360	27084964	26818780	26525760	25966888	25362418	24434284	23982620	23667396	23183394	22917454	22638522	22612728	22403340	21896724	21181436	20535354	19765910
Acre ft		2.3	0.9	0.8	0.9	1.7	1.9	2.8	1.4	1.0	1.5	0.8	0.9	0.1	0.6	1.6	2.2	2.0	2.4	2.5
Monthly/Gallons		741890	299396	266184	293020	558872	604470	928134	451664	315224	484002	265940	278932	25794	209388	506616	715288	646082	769444	819538
Highest Flow Day		12-Jan	25-Dec	15-Nov	10-Oct	1-Sep	7-Aug	7/2	6/25	5/23	4/24	3/30	2/3	1/26	12/3	11/13	10/23	9/18	8/12	7/12
Max Daily Production Gal		36506	68376	21546	25162	27798	31404	39938	37092	27902	32682	23062	20042	37440	33554	36725	28916	33244	31792	54077
CFS		0.0565	0.1058	0.0333	0.0389	0.0430	0.0486	0.0618	0.0574	0.0432	0.0506	0.0357	0.0310	0.0579	0.0519	0.0568	0.0447	0.0514	0.0492	0.0837
Well 2 90974117		20025050	19829260	19408780	18923730	18430981	17703422	16951524	16355282	15830840	15388301	14968245	14493405	13791841	12917250	12778522	12778522	12615522	12165167	11643584
Acre ft		0.6	1.3	1.5	1.5	2.2	2.3	1.8	1.6	1.4	1.3	1.5	2.2	2.6	0.42 Meter Error		0.5	1.3	1.6	2.3
Monthly/Gallons		195790	420480	485050	492749	727559	751898	596242	524442	442539	420056	474840	701564	847213	136857		162926	423606	521362	749457
Highest Flow Day		28-Jan	16-Dec	29-Nov	6-Oct	8-Sep	8/22	7/24	6/21	5/14	4/8	3/31	2/24	1/25			10/1	9/30	8/20	7/18
Max Daily Production Gal																				

Well #1
Acre Ft
Monthly/Gallons

Received
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6/25/2021	5/27/2021	4/27/2021	3/28/2021	2/25/2021	1/25/2021	12/28/2020	11/25/2020	10/27/2020	9/25/2020	8/26/2020	7/28/2020	6/26/2020	5/25/2020	4/25/2020	3/25/2020	2/25/2020	1/26/2020	12/27/2019	11/27/2019	10/24/2019	9/24/2019
3459440	1011074	8956130	6937455	6153427	5228555	3606630	2066782	1210799	5600640	998521	5979138	807743	9722017	8722017	8605442	8605442	8605442	7640409	7640409	5522188	3961645
7.5	6.3	6.2	2.4	2.8	5.0	4.7	2.6	17.2	14.1	15.4	15.9	3.3	3.1	0.4	0.0	0.0	3.0	0.0	6.5	4.8	13.2
2448366	2054944	2018675	784028	924872	1621925	1539848	855983	5610159	4602119	5019383	5171395	1085726	1000000	116575	0	0	965033	0	2118221	1560543	4301794
65527296	64192752	63274152	61577744	59966820	58767360	57850716	56567344	55074600	55007460	53652412	51945528	50259432	48662724	47684828	46296844	45475976	44404656	43166056	41848460	40971584	39581036
4.1	2.8	5.2	5	3.6	2.8	4	4.6	0.22	3.5	5.2	5.2	4.9	3	4.2	2.5	3.2	3.8	4	2.7	4.2	5.1
1335989	912383	1694425	1629255	1173064	912383	1303404	1498915	71687	1140479	1694425	1694425	1596670	977553	1368574	814628	1042723	1238234	1303404	879798	1368574	1661840
6/29	5/26	4/25	3/4	2/28	1/27	12/13	11/24	10/31	9/15	8/18	7/24	6/5	5/8	4/18	3/29	2/8	1/30	12/11	11/10	10/21	9/19
80570	77484	86480	73232	75179	71028	73332	71624	34716	76112	77808	99820	74134	81942	74906	75823	77512	77952	76756	73584	78876	84922
0.1247	0.1199	0.1338	0.1133	0.1163	0.1099	0.1135	0.1108	0.0537	0.1178	0.1204	0.1545	0.1147	0.1268	0.1159	0.1173	0.1199	0.1206	0.1188	0.1139	0.1220	0.1314
3158242	1376967	9760536	7871578	6238855	4875928	3966307	2552853	434058	434058	8308943	5830189	3884007	2113678	902399	9431948	8480203	7161309	5827928	3630557	2613524	1000929
5.4	5	5.8	5	4.2	2.8	4.3	6.5	0	5.3	7.6	6	5.4	3.7	4.5	3	4	4	6.7	3.1	5	6.7
1759595	1629255	1889936	1629255	1368574	912383	1401159	2118032	0	1727010	2476468	1955106	1759595	1205649	1466330	977553	1303404	1303404	2183202	1010138	1629255	2183202
6/29	5/26	4/20	3/29	2/27	1/18	12/13	11/17	10/30	9/15	8/16	7/19	6/4	5/26	4/16	3/29	2/8	1/31	12/11	11/2	10/6	9/1
110722	112522	79065	88300	79333	59800	81780	99000	54159	118283	114539	93034	84710	89057	88010	116049	89889	95206	89735	89740	89477	99264
0.1713	0.1741	0.1223	0.1366	0.1228	0.0925	0.1265	0.1532	0.0838	0.1830	0.1772	0.1440	0.1311	0.1378	0.1362	0.1796	0.1391	0.1473	0.1389	0.1389	0.1385	0.1536
57052390	55155300	53550960	51971330	50648480	48795510	47023930	45370540	44369380	39592310	35696270	31403020	26731800	23419830	20453780	17589280	15166380	12993290	11266690	10362860	8377681	6830848
5.8	4.9	10.3	4	5.6	5.4	5	3	14.6	12	13	14	10.2	9.1	8.8	7.4	6.7	5.3	2.8	6.1	4.7	12.0
1889936	1596670	3356265	1303404	1824766	1759595	1629255	977553	4757425	3910212	4236063	4561914	3311970	2966050	2864500	2422900	2173090	1726600	903830	1985179	1546833	3922802
6/2	5/31	4/16	3/14	2/23	1/28	12/24	11/29	10/27	9/13	8/21											
230526	54221	99791	109262	88212	89902	89959	59150	66207	226223	252157											
0.3567	0.0839	0.1544	0.1691	0.1365	0.1391	0.1392	0.0915	0.1024	0.3500	0.3902											
30319318	28500492	26650941	25458830	24631950	23779995	22735348	21756016	21155874	20669106	20669106	20669106	20669106	1950225	1674220	1393567	1166755	9634999	8019317	7175664	5326975	3890336
5.6	5.6	3.6	2.5	2.6	3.2	3	1.8	1.5	0	0	0	57.4	0.8	0.9	0.7	4.7	5.0	2.6	5.7	4.4	11.1
1824766	1824766	1173064	814628	847213	1042723	977553	586532	488777	0	0	0	18718881	276005	280653	226812	1531756	1615682	843653	1848689	1436639	3613589
6/20	5/31	4/21	3/23	2/5	1/28	12/23	11/29	10/20	New pump and motor installed												
118963	63616	79352	89113	55754	51947	52298	31440	76972													
0.1841	0.0984	0.1228	0.1379	0.0863	0.0804	0.0809	0.0486	0.1191													
7073089	2702417	420031	420031	420031	420031	420031	420031	9741394	9741394	6496994	2203699	9054986	8658609	8658609	8657706	8656141	8603874	7914528	7605661	7578160	7177972
13.4	7.0						2.1	0.0	10.0	13.2	9.7	1.2	0.0	0.0	0.0	0.2	2.1	0.9	0.1	1.2	11.1
4370672	2282386	0	0	0	0	0	684287	0	3244400	4293295	3160755	396377	0	903	1565	52267	689346	308867	27501	400188	3600910
6/29	5/31	out of service						11/1	10/31	9/15	8/29	7/18	6/28	5/31	3/6	2/3	1/2	12/25	11/11	10/18	9/1
338178	323222						118462	86512	179993	186591	197878	150011	838	1565	38327	90086	127541	146643	78042	177805	
0.5233	0.5001						0.1833	0.1339	0.2785	0.2887	0.3062	0.2321	0.0013	0.0024	0.0593	0.1394	0.1973	0.2269	0.1208	0.2751	
							1.05	0.00	4.98	6.59	4.85	0.61	0.00		0.00	0.08	1.06	0.47	0.04	0.61	5.53
18946372	18189852	17451044	16503829	15555448	14871026	14363439	13674053	12875422	12874743	12161939	11265009	10377259	9496394	8953398	8943474	8746116	8063968	7286704	6128667	5591905	4751404
2.3	2.3	2.9	2.9	2.1	1.6	2.1	2.5	0.0	2.2	2.8	2.7	2.7	1.7	0.0	0.6	2.1	2.4	3.6	1.6	2.6	3.2
756520	738808	947215	948381	684422	507587	689386	798631	679	712804	896930	887750	880865	542996	9924	197358	682148	777264	1158037	536762	840501	1052134
6/16	5/23	4/9	3/17	2/4	1/27	12/13	11/6	10/31	9/5	8/24	7/20	6/14	5/19	4/25	3/2	2/8	1/30	12/6	11/10	10/16	9/1
37506	39264	40650	40440	41504	38862	40398	44285	19474	37360	43100	46298	40290	42067	7581	47624	48743	48386	48019	44559	45714	51390
0.0580	0.0608	0.0629	0.0626	0.0642	0.0601	0.0625	0.0685	0.0301	0.0578	0.0667	0.0716	0.0623	0.0651	0.0117	0.0737	0.0754	0.0749	0.0743	0.0689	0.0707	0.0795
10877520	10226352	9559779	9120449	8857920	8602696	8220514	7887682	7722187	7050300	6461659	5750766	4869233	4217201	3621677	2998051	2488971	2025149	1659282	1476059	1086510	779590
2.4	2	1.3	0.8	0.8	1.2	1	0.2	2.1	1.8	2.2	2.7	2	1.8	1.9	1.6	1.4	1.1	0.6	1.2	0.9	2.1
782042	651702	423606	260681	260681	391021	325851	65170	684287	586532	716872	879798	651702	586532	619117	521362	456191	358436	195511	391021	293266	684287
6/20	5/26	4/21	3/23	2/25	1/5	12/24	11/25	10/27	9/13	8/21											
41532	23989	26644	31766	21220	18916	19021	8768	15388	32520	37978											
0.0643	0.0371	0.0412	0.0492	0.0328	0.0293	0.0294	0.0136	0.0238	0.0503	0.0588											

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8/26/2019	7/27/2019	6/26/2019	5/26/2019	4/26/2019	3/26/2019	2/26/2019	1/26/2019	12/26/2018	11/26/2018	10/26/2018	9/26/2018	8/26/2018	7/26/2018	6/26/2018	5/26/2018	4/26/2018	3/26/2018	2/26/2018	1/26/2018	12/27/2017	11/26/2017	10/26/2017
9659851																						
29.6																						
9659851																						
37915300	36270488	35305364	34109620	33157946	32673884	32336800	31762776	30092790	29153804	28223246	26446518	24698944	22649960	21317222	21317222	19851566	17901864	16324311	15118872	13675271	11608310	9572006
5	2.9	3.6	2.9	1.5	1	1.8	5	2.8	2.8	5.4	5.3	6.2	4	0	4.5	6	4.8	3.7	4.4	6.3	6.2	6
1629255	944968	1173064	944968	488777	325851	586532	1629255	912383	912383	1759595	1727010	2020276	1303404	0	1466330	1955106	1564085	1205649	1433744	2052861	2020276	1955106
8/3	7/9	6/18	5/12	4/14	3/31	2/4	1/18	12/27	11/17	10/19	9/21	8/10	7/8	6/28	5/6	4/28	3/25	2/1	1/12	12/9	11/18	10/8
79237	73028	85128	72808	41240	43598	65558	74936	73180	57678	75264	76245	74825	77600	46468	76850	80568	81289	70005	76383	82442	83562	81681
0.1226	0.1130	0.1317	0.1127	0.0638	0.0675	0.1014	0.1160	0.1132	0.0892	0.1165	0.1180	0.1158	0.1201	0.0719	0.1189	0.1247	0.1258	0.1083	0.1182	0.1276	0.1293	0.1264
8826287	6918997	5988352	4601762	3485172	2923728	2532910	1852657	9911390	8395153	7823599	5731877	3630823	1246309	8970638	6788859	4419725	2079354	254792	9107169	7516954	5136187	2773956
5.8	2.8	4.2	3.4	1.7	1.2	2	6	4.6	1.7	6.4	6.4	7.3	7	6.7	7.2	7.2	5.6	3.5	4.9	7.3	7.2	6.8
1889936	912383	1368574	1107893	553947	391021	651702	1955106	1498915	553947	2085446	2085446	2378712	2280957	2183202	2346127	2346127	1824766	1140479	1596670	2378712	2346127	2215787
8/3	7/2	6/14	5/12	4/30	3/31	2/4	1/19	12/28	11/22	10/14	9/18	8/22	7/14	6/21	5/6	4/29	3/25	2/28	1/17	12/9	11/6	10/8
94222	86237	86761	75119	60530	55910	73810	85222	85839	75783	90460	87544	84596	97405	79396	88670	101406	93931	63689	103570	95513	120239	91038
0.1458	0.1334	0.1342	0.1162	0.0937	0.0865	0.1142	0.1319	0.1328	0.1173	0.1400	0.1355	0.1309	0.1507	0.1229	0.1372	0.1569	0.1453	0.0985	0.1603	0.1478	0.1861	0.1409
2908046 No Meter																						

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9/26/2017	8/26/2017	7/26/2017	6/26/2017	5/26/2017	4/26/2017	3/26/2017	2/26/2017	1/26/2017	12/26/2016	11/26/2016	10/26/2016	9/26/2016	8/26/2016	7/26/2016	6/26/2016	5/26/2016	4/26/2016	3/26/2016	2/26/2016	1/26/2016	12/26/2015	11/26/2015
7643225	5708148	3725806	2365908	306207 Replaced Mtr		0	5524653	4444412	3361085	2407508	1225194	9771109	9076968	7499810	5658344	3860461	2089582	913700	853129	9639180	8061428	6597264
6	6	4.2	6.3	1	0	0	3.3	3.3	3	3.6	4.5	2.1	4.8	5.6	5.5	5.4	3.6	0.2	3.7	4.8	4.5	5
1955106	1955106	1368574	2052861	325851	0	0	1075308	1075308	977553	1173064	1466330	684287	1564085	1824766	1792181	1759595	1173064	65170	1205649	1564085	1466330	1629255
9/10	8/1	7/5	6/9	5/29			2/18	1/10	12/6	11/1	10/4	9/10	8/11	7/2	6/8	5/19	4/24	3/28	2/11	1/17	12/5	11/3
102612	74044	89457	76796	72844 Meter damaged no data			68637	74447	46337	52604	66994	76163	85243	81550	84752	76271	66505	47842	5927	78430	79894	79916
0.1588	0.1146	0.1384	0.1188	0.1127		0.0000	0.1062	0.1152	0.0717	0.0814	0.1037	0.1178	0.1319	0.1262	0.1311	0.1180	0.1029	0.0740	0.0092	0.1214	0.1236	0.1237
555094	8932113	6737286	5063964	2514175	1069766	9277387	8389354	7521115	6279214	5191268	3831560	2113816	1408396	9438027	7273676	5240305	3246607	1493917	1260825	169530	9700189	8510609
5	6.7	5.1	7.8	4.4	5.5	2.7	2.6	3.8	3.3	4.2	5.3	2.2	6	6.6	6.1	6.1	5.4	0.7	3.3	1.4	3.7	5.4
1629255	2183202	1661840	2541638	1433744	1792181	879798	847213	1238234	1075308	1368574	1727010	716872	1955106	2150617	1987691	1987691	1759595	228096	1075308	456191	1189580	1749986
9/2	8/10	7/15	6/18	5/1	4/9	3/26	2/1	1/18	12/15	11/1	10/6	9/30	8/20	7/25	6/23	5/4	4/26	3/6	2/7	1/3	12/5	11/10
86974	84655	87712	88547	84322	87995	44581	37878	76541	58677	59002	85257	66570	87307	86847	85573	95948	87738	81738	99659	57023	87001	83829
0.1346	0.1310	0.1357	0.1370	0.1305	0.1362	0.0690	0.0586	0.1184	0.0908	0.0913	0.1319	0.1030	0.1351	0.1344	0.1324	0.1485	0.1358	0.1265	0.1542	0.0882	0.1346	0.1297
7417894	925938	4007099	7805265	7507903	3189026	416679	7476064	4820622				4643230	2190073	9474119								
19.9	21.2	19.0	0.9	13.3	8.5	9.0	8.1	14.8				7.5	8.3	29.1								
6491956	6908041	6191169	297362	4318877	2772347	2932659	2655442	4820622				2443883	2704563	9474119								
9/10	8/23	7/15	6/16	5/11	4/26	3/20	2/6	1/31				9/13	8/6	7/28								
276242	268446	276501	180858	181170	163257	166381	127062	98905				162830	214687	147951								
0.4274	0.4154	0.4278	0.2798	0.2803	0.2526	0.2574	0.1966	0.1530				0.2520	0.3322	0.2289								
9.96	10.50	9.50	0.46	6.63	4.25	4.50	4.07	7.40				3.75	4.15	14.54								
8656888	8074762	7085047	5919431	4439551	3557846	2468095	1914345	1368034	651147	9981164	9158507	8185814	7756046	6617781	5347759	4167799	2949615	1870402	1809307	814018	9454591	8275616
1.8	3.0	3.6	4.5	2.7	3.3	1.7	1.7	2.2	2.1	2.5	3.0	1.3	3.5	3.9	3.6	3.7	3.3	0.2	3.1	4.2	3.6	3.0
582126	989715	1165616	1479880	881705	1089751	553750	546311	716887	684287	822657	972693	429768	1138265	1270022	1179960	1218184	1079213	61095	995289	1368574	1178975	965928
9/13	8/3	7/23	6/24	5/29	4/12	3/21	2/1	1/18	12/1	11/15	10/2	9/30	8/25	7/2	6/17	5/10	4/26	3/26	2/7	1/25	12/19	11/10
30571	40437	43875	54288	48581	51945	30016	23449	47229	36882	35350	45369	37501	48512	54279	51317	52299	53559	39332	51450	56042	48919	54209
0.0473	0.0626	0.0679	0.0840	0.0752	0.0804	0.0464	0.0363	0.0731	0.0571	0.0547	0.0702	0.0580	0.0751	0.0840	0.0794	0.0809	0.0829	0.0609	0.0796	0.0867	0.0757	0.0839

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10/26/2015	9/26/2015	8/26/2015	7/26/2015	6/26/2015	5/26/2015	4/26/2015	3/26/2015	2/26/2015	1/26/2015	12/26/2014	11/26/2014	10/26/2014	9/26/2014	8/26/2014	7/26/2014	6/26/2014	5/26/2014	4/26/2014	3/26/2014	2/26/2014	1/26/2014	12/26/2013	
4996716	3802051	2365320	737154	9094788	7136915	5702282	4104751	2843316	1449107	9698224	7687251	5388135	3505623	1272135	9451939	7384261	5186447	3398082	1774988	496317	44726	400595	
5	3.6	4.4	5	6	4	5	4	4	5	6	7	6	7	6	6	7	5	5	4	1	2	1	
1629255	1173064	1433744	1642366	1957873	1434633	1597531	1261435	1394209	1750883	2010973	2299116	1882512	2233488	1820196	2067678	2197814	1788365	1623094	1278671	451591	644131	423608	
10/30	9/11	8/18	7/30	6/22	5/27	4/25	3/4	2/27	1/8	12/13	11/5	10/1	9/7	8/30	7/27	6/22	5/23	4/19	3/29	2/24	1/31	12/15	
72362	74414	68740	77315	78692	69550	77405	72788	75218	74799	85165	84578	82670	76420	81042	76060	83491	84287	64522	68622	31319	20547	22039	
0.1120	0.1151	0.1064	0.1196	0.1218	0.1076	0.1198	0.1126	0.1164	0.1157	0.1318	0.1309	0.1279	0.1182	0.1254	0.1177	0.1292	0.1304	0.0998	0.1062	0.0485	0.0318	0.0341	
6760523	5404790	3765812	1903186	33032	7814663	6202806	4326039	2904064	1302604	9313136	7866033	7430501	5313129	2711439	619875	8247178	5648857	3633961	1852899	334417	114881	9686925	
4.2	5.0	5.7	5.7	6.8	4.9	5.8	4.4	4.9	6.1	4.4	1.3	6.5	8.0	6.4	7.3	8.0	6.2	5.5	4.7	0.7	1.3	1.5	
1355833	1638978	1862626	1870154	2215787	1611857	1876767	1421975	1601460	1987691	1447103	435532	2117372	2601690	2091564	2378712	2598321	2014896	1781062	1518482	219536	423606	479371	
10/30	9/11	8/18	7/30	6/16	5/27	4/14	3/4	2/25	1/7	12/13	11/1	10/4	9/13	8/3	7/27	6/7	5/24	4/12	3/31	2/24	1/12	12/14	
83191	83589	79394	87621	88603	79450	86057	81845	87881	85495	96162	19836	91617	90505	93363	87934	97870	97071	86020	88192	35602	36520	30891	
0.1287	0.1293	0.1228	0.1356	0.1371	0.1229	0.1332	0.1266	0.1360	0.1323	0.1488	0.0307	0.1418	0.1400	0.1445	0.1361	0.1514	0.1502	0.1331	0.1365	0.0551	0.0565	0.0478	
	9462130					7724030	5771890	3422800		9271050	7814280	7314500	6221000		6217910	6217910	6217910	6217910	6217910	6217910	6217910	6217910	
	29.0					6.0	7.2	10.5		4.5	1.5	3.4	19.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	
	9462130					1952140	2349090	3422800		1456770	499780	1093500	6221000		0	0	0	0	0	0	0	771900	
	7623700					7608100	7608100	7608100		5805800	3874900	1276600			59666000	53580800	51856100	50235000	49186300	48162000	45387200	42052100	
	23.4					0.0	0.0	23.3		5.9	8.0	3.9			18.7	5.3	5.0	3.2	3.1	8.5	10.2	9.1	
	7623700					0	0	7608100		1930900	2598300	1276600			6085200	1724700	1621100	1048700	1024300	2774800	3335100	2962100	
9094788	6712999	3383528	7957088	1297748						6254102		6237454	5338414	3664975	9373705	6426241	3453458	2324985	832420	9745558	8367614	6777302	
7.3	10.2	16.7	20.4	4.0						19.2		2.8	5.1	13.2	9.0	9.1	3.5	4.6	3.3	4.2	4.9	5.2	
2381789	3329471	5441712	6659340	1297748						6254102	0	899040	1673439	4301233	2947464	2972783	1128473	1492565	1075308	1377944	1590312	1706674	
10/6	9/11	8/13	7/25	6/16						12/24		10/10	9/8	8/20	7/30	6/9	5/8	4/6	3/2	2/10	1/12	12/11	
115122	149248	234359	342830	321777						16648		211152	112447	247484	175094	175442	168928	190702	123024	95938	139667	72230	
0.1781	0.2309	0.3626	0.5305	0.4979						0.0258	0.0000	0.3267	0.1740	0.3829	0.2709	0.2715	0.2614	0.2951	0.1904	0.1484	0.2161	0.1118	
3.65	5.11	8.35	10.22	1.99						9.60		1.38	2.57	6.60	4.52	4.56	1.73	2.29	1.65	2.11	2.44	2.62	
7309688	6618548	5859412	4916824	3879787	2554667	new pump / motor					1862941	1414547	400025	384905	9841222	9082297	8248245	6798871	5644955	4625138	3760447	3519014	3259447
2.1	2.3	2.9	3.2	4.1						1.4	3.1	0.0	1.7	2.3	2.6	4.4	3.5	3.1	2.7	0.7	0.8	0.9	
691140	759136	942588	1037037	1325120						448394	1014522	15120	553947	758925	834052	1449374	1153916	1019817	864691	241433	259567	291515	
10/30	9/11	8/18	7/30	6/22	5/27					12/4	11/22	10/6	9/15	8/21	7/1	6/7	5/24	4/30	3/31	2/1	1/13	12/14	
42507	39349	38422	44730	53747	49537					47478	51872	15120	30479	35285	42273	53111	55531	47527	49373	12954	40613	18000	
0.0658	0.0609	0.0595	0.0692	0.0832	0.0767					0.0735	0.0803	0.0234	0.0472	0.0546	0.0654	0.0822	0.0859	0.0735	0.0764	0.0200	0.0628	0.0279	
																		1805170	1805170	1805170	1805170		1805170
																		0.2	0.2	0.2	0.2	0.2	0.2
																		65170	65170	65170	65170	65170	65170
9464550						6743110	6388340	5974750		5176850	4847000	4284000	3747310		2162820	1674160	1364190	1150180	969770	779240	244370	9516810	
29.0						1.1	1.3	18.3		1.0	1.7	1.6	11.5		1.5	1.0	0.7	0.6	0.6	1.6		1.7	
9464550						354770	413590	5974750		329850	563000	536690	3747310		488660	309970	214010	180410	190530	534870		568720	

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11/26/2013	10/26/2013	9/26/2013	8/26/2013	7/26/2013	6/26/2013	5/26/2013	4/26/2013	3/26/2013	2/26/2013	1/26/2013	12/26/2012	11/26/2012	10/25/2012	9/26/2012	8/26/2012	7/26/2012	6/26/2012	5/26/2012	4/26/2012	3/26/2012	2/26/2012
9976987	9300300	8368376	6881939	4523989	2698387	831997	3051898	1297015	9831416	8215344	6575194	5169689	3491220	1915617	161024	8309399	7089947	6422914	5939432	5858495	5121307
2	3	5	7	6	6	7	5	4	5	5	4	5	5	5	6	4	2	1	0	2	2
676687	931924	1486437	2357950	1825602	1866390	2215787	1754883	1465599	1616072	1640150	1405505	1678469	1575603	1754593	1851625	1219452	667033	483482	80937	737188	650908
11/14	10/2	9/8	8/8	7/28	6/13	5/26	4/19	3/23	2/23	1/12	12/30	11/27	10/13	9/25	8/1	7/21	6/15	6/20	4/23	3/26	2/27
47925	67300	72336	89577	82688	74055	72632	74490	57371	58856	61142	57478	73491	64861	67241	74212	73666	65230	67570	53086	45094	55470
0.0742	0.1041	0.1119	0.1386	0.1279	0.1146	0.1124	0.1153	0.0888	0.0911	0.0946	0.0889	0.1137	0.1004	0.1040	0.1148	0.1140	0.1009	0.1046	0.0821	0.0698	0.0858
9207554	8444427	7373021	5317293	2953403	921669	8760826 Well out of Service							7625696	6709617	4701552	2468813	293638 Well out of service				
2.3	3.3	6.3	7.3	6.2	6.6								2.8	6.2	6.9	6.7					
763127	1071406	2055728	2363890	2031734	2150617								916079	2008065	2232739	2175175					
11/4	10/2	9/8	8/1	7/27	6/1	5/27							10/7	9/2	8/10	7/2	6/30				
38257	77695	83438	84224	91106	89996	87439							49491	77315	77015	81365	75844				
0.0592	0.1202	0.1291	0.1303	0.1410	0.1393	0.1353							0.0766	0.1196	0.1192	0.1259	0.1174				
5446010	3632350	1401560	9062750	6585680	4105950	944710	7701240	4621460	2117540	9220800	5683700	2613070	9878950	8420170	6377040	4126280	7889660				
5.6	6.8	7.0	7.6	7.6	9.7	10.0							4.5	6.3	6.9	12.7	12.3				
1813660	2230790	2338810	2477070	2479730	3161240	3243470	3079780	2503920	2876740	3537100	3070630	2734120	1458780	2043130	2250760	4126280	4009420				
39090000																					
120.0																					
39090000																					
5070628	2256399	438774	7580715	9703618	3007559	2948282	2804759				2505215	1552363	484484	4674996	7192811	9138685	5339389				
8.6	5.6	8.8	24.2	20.5	0.2	0.4		8.6			2.9	3.3	17.8	23.0	24.7	11.7	16.4				
2814229	1817625	2867489	7885594	6696059	59277	143523	2804759				952852	1067879	5800148	7494573	8048520	3799296	5339389				
11/4	10/25	9/12	8/7	7/28	6/29	5/6		1/30			12/3	11/22	10/1	9/8	8/15	7/30					
144032	173025	197578	284443	372786	325353	90531	117242				125953	138799	278764	354315	325203	278174					
0.2229	0.2677	0.3057	0.4401	0.5768	0.5034	0.1401	0.1814				0.1949	0.2148	0.4313	0.5482	0.5032	0.4304					
4.32	2.79	4.40	12.10	10.27	0.09	0.22		4.30			1.46	1.64	8.90	11.50	12.35	5.83					
2967932	2512071	2209045	1898368	814630						6873075	6685659	6091181	5277508	4611487	3824284	2947926	2116056	1337374	444807	9720181	9720181
1.4	0.9	1.0	3.3	2.5						0.6	1.8	2.5	2.0	2.4	2.7	2.6	2.4	2.7	2.2	0.0	0.0
455861	303026	310677	1083738	814630						187416	594478	813673	666021	787203	876358	831870	778682	892567	716872	0	0
11/4	10/25	9/12	8/1	7/28						1/1	12/28	11/24	10/20	9/8	8/1	7/5	6/15	5/28	4/16	3/29 off	
22596	28784	33150	41143	45143						33257	53482	31138	23415	32228	34337	40805	39832	41760	42060	26801	
0.0350	0.0445	0.0513	0.0637	0.0699	0.0000	0.0000	0.0000	0.0000	0.0000	0.0515	0.0828	0.0482	0.0362	0.0499	0.0531	0.0631	0.0616	0.0646	0.0651	0.0415	
1805170	1805170	1805170	1701260	1344500	982240	558710	114380	9767950	9343710	9063050	8684490	8445590	8143570	7971230	7741850	7506470	7162720	6656430	6160550		5533730
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170
8948090	8466140	7890350	7391350	7032720	6562980	6098220	5612610	5116200	4759440	4383590	4036270	3794850	3464650	3268030	3039900	2765030	2351200	1859970	1358040		636470
1.5	1.8	1.5	1.1	1.4	1.4	1.5	1.5	1.1	1.2	1.1	0.7	1.0	0.6	0.7	0.8	1.3	1.5	1.5	4.2		0.5
481950	575790	499000	358630	469740	464760	485610	496410	356760	375850	347320	241420	330200	196620	228130	274870	413830	491230	501930	1358040		151670

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1/31/2010	12/31/2009	11/30/2009	10/31/2009	9/30/2009	8/31/2009	7/31/2009	6/30/2009	5/31/2009	4/30/2009	3/31/2009	2/28/2009	1/31/2009	12/31/2008	11/30/2008	10/31/2008	9/30/2008	8/31/2008	7/31/2008	6/30/2008	5/31/2008	4/30/2008	3/31/2008
28165500 5	26495500 5	24819200 5	23329700 4	21915800 5	20255300 4	18979800 5	17263300 3	16218500 5	14630600 5	12954000 5	11233200 5	9491800 3	8408500 4	7153400 5	5408400 5	3874200 4	2615300 4 new meter	1265400	7823000 17	2385870 2	1795570 5	10046720 6
1670000	1676300	1489500	1413900	1660500	1275500	1716500	1044800	1587900	1676600	1720800	1741400	1083300	1255100	1745000	1534200	1258900	1349900	483100	5437130	590300	1748850	2079670
54512200 7.2	52177500 7.1	49853300 6.9	47595500 7.1	45268000 6.8	43054800 11.0	39477900 8.4	36739100 7.8	34190400 8.2	31525400 7.8		28950100 8.1	26295900 13.2	22009200 8.2	19326600 7.7	16813100 8.9	13902900 9.1	10947200 9.0	8021400 8.0	5423200 6.8	3222800 6.2	1209700 6.2	99174700 7.0
2334700	2324200	2257800	2327500	2213200	3576900	2738800	2548700	2665000	2575300		2654200	4286700	2682600	2513500	2910200	2955700	2925800	2598200	2200400	2013100	2035000	2287900
9842570 5.8	7945550 5.3	6202830 5.8	4321050 7.2	1966930 6.0				12841920 9.0	9901700 2.0	9251360 4.6	7761890 3.5	6620730 6.3	4563420 14.0		9184900 4.9	7583840 4.9	5975570 6.0	4024000 7.8	1497510 4.6		6433790 18.3	484824 1.5
1897020	1742720	1881780	2354120	1966930				2940220	650340	1489470	1141160	2057310	4563420		1601060	1608270	1951570	2526490	1497510		5948966	484824
					8539990 2.1	7842510 2.7	6966560 1.7	6399410 19.6								6120770 1.7	5579280 2.1	4887010 2.8	3972670 12.2			
					697480	875950	567150	6399410								541490	692270	914340	3972670			
90226200 249.5	8933370 0.3	8844640 0.3	8761810 0.2	8686230 0.2	8618200 0.2	8551030 0.3	8467370 0.2	8402450 0.3	8306310 0.3	8222430 0.3	8137650 0.3	8051790 0.3	7958760 0.2	7880620 0.3	7797460 0.2	7727580 0.2	7665500 0.2	7591910 0.3	7500570 0.3	7396170 0.3	7285910 0.3	7174100 0.3
81292830	88730	82830	75580	68030	67170	83660	64920	96140	83880	84780	85860	93030	78140	83160	69880	62080	73590	91340	104400	110260	111810	112610
8204410 0.2	7997940 0.2	7788480 0.2	7561020 0.2	7231890 0.2		6581750 0.2	6326800 0.2	6172490 0.2	5454670 0.2	5826460 0.2	56086030 0.2	5548780 0.2	5266490 0.2	4916580 0.2	4582360 0.2	4409340 0.2	4210690 0.2	3972300 0.2	3661380 0.2		3167530 0.2	3025740 0.2
65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170	65170
4656300 0.7	4430250 0.7	4199790 0.9	3904910 0.9	3602190 11.1		2893080 0.9	2605290 0.5	2442050 0.6	2244320 0.5	2074020 0.5	1924800 0.4	1779910 0.9	1480200 1.2	1073370 1.0	737590 0.5	564220 0.7	348030 0.9	69760	9724620 29.8		9204300 0.5	9049820 27.8
226050	230460	294880	302720	3602190		287790	163240	197730	170300	149220	144890	299710	406830	335780	173370	216190	278270		9724620		154480	9049820

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2/29/2008	1/31/2008	12/31/2007	11/30/2007	10/31/2007	9/30/2007	8/31/2007	7/31/2007	6/30/2007	5/31/2007	4/30/2007	3/31/2007	2/28/2007	1/31/2007	12/31/2006	11/30/2006	10/31/2006	9/30/2006	8/31/2006	7/31/2006	6/30/2006	5/31/2006	4/30/2006
7967050 5	6426360 3	5519340 5	4015990 6	2018980 3	919990 4	9232520 5	7718990 6	5896200 4	4523380 3	3610440 6	1809610 6		9906490 5	8128920 6	6272590 6	4384080 5	2624500 5	1136640 5	9640410 8	8016970 5	6477650 5	4799030 4
1540690	907020	1503350	1997010	1098990	1687470	1513530	1822790	1372820	912940	1800830	1809610		1777570	1856330	1888510	1759580	1487860	1496230	3119670	1539320	1678620	1210510
96886800 9.4	93833200 5.4	92065000 7.5	89622400 9.7	86448000 9.5	83347600 8.2	80681400 1.3	80260000 8.6	77468400 5.9	75554100 5.5	73759600 5.9	71839300 4.5	70370300 4.7	68854200 6.2	66835200 8.8	63978800 8.2	61311200 9.3	58270700 14.4	53572000 3.3	52509500 0.7	52290800 4.8	50723300 7.8	48193200 7.9
3053600	1768200	2442600	3174400	3100400	2666200	421400	2791600	1914300	1794500	1920300	1469000	1516100	2019000	2856400	2667600	3040500	4698700	1062500	218700	1567500	2530100	2579000
	10150257 0.8	9902990 4.3	8513580 7.2	6163530 8.2	3494990 8.9	586530 8.0	7883490 10.1	4588420 14.1				4943330 4.7	3407900 10.5		2278450 10.3	8923800 5.5	7117460 8.2	4456380 15.8	9294760 14.8	4468660 8.4	1716420 8.0	9083920 9.4
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					261290	623720	639960	714840	1315760			1292140					299370	597130	595010	687630	47440	
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115900	126750	106480	13520	38010		619320	835200	824900	958400	978300	1054900	649300	1086100	1046800	953200	913400	846200	815600	924200	351000	1073800	764500
	273740	258399	2430480	2159380	1840040	1343430	955780	512240	141840	9865380		9481140	9313740	9130570	8944120	8750770	8493940	8081850	7566120	7006740	6747050	2012790
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3/31/2006	2/28/2006	1/31/2006	12/31/2005	11/30/2005	10/31/2005	9/30/2005	8/31/2005	7/31/2005	6/30/2005	5/31/2005	4/30/2005	3/31/2005	2/28/2005	1/31/2005	12/31/2004	11/30/2004	10/31/2005	9/30/2004	8/31/2004	7/31/2004	6/30/2004	5/31/2004
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3200730 6 1917390	1283340 7 2144740	9138600 2 592330	8546270 7 2126990	6419280 7 2124110	4295170 6 1985350	2309820 7 2195740	114080 7 2038730	8075350 6 2096440	5978910 7 2270770	3708140 6 1915150	1792990 -24 2308602	9484308 7 2172708	7311600 7 2309550	5002050 7 2125720	2876330 6 1952970	923360 7 2252320	8671040 6 2054160	6616880 6 2084460	4532420 6 1896190	2636230 7 2174850	461380 7 2110130	8351250 5 1519490
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1064100	1065600	973900	

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Oregon

Kate Brown, Governor

G-14070

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

August 18, 2015

CITY OF DUNDEE

PO BOX 220

DUNDEE, OR 97115

REFERENCE: Permit Amendment Application T-11928

Enclosed is a copy of the order approving your Permit Amendment application.

Also enclosed is a superseding permit that incorporates the amendments approved by the final order contained herein. Please read this document and abide by the requirements.

If you have any questions related to the approval of this permit amendment, you may contact your caseworker, Joan Smith, by telephone at (503) 986-0892 or by e-mail at Joan.M.Smith@wrds.state.or.us

Sincerely,

Bethanie Williamson

Water Rights Services Support

cc: Joel M. Plahn, Watermaster Dist. # 16 (via email)
Larry M. Eaton, Agent

Enclosure

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER APPROVING
T-11928, Yamhill County	)	AN ADDITIONAL POINT
	)	OF APPROPRIATION

Authority

Oregon Revised Statute (ORS) 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

CITY OF DUNDEE
PO BOX 220
DUNDEE, OR 97115

Findings of Fact

1. On September 17, 2014, the City of Dundee filed an application for an additional point of appropriation under Permits G-12736 and G-13035. The Department assigned the application number T-11928.
2. On September 29, 2006, the Department approved an extension of time for complete application of water to October 1, 2025, for both Permits G-12736 and G-13035.
3. On November 21, 2012, the Department approved a Water Management and Conservation Plan; the plan lifts the limitations set forth by the extension of time and requires the City of Dundee to submit an updated plan no later than November 21, 2021, with a progress report due by November 21, 2017.
4. Notice of the application for the permit amendment was published in the Department's weekly notice on September 23, 2014, pursuant to ORS 540.520(5). No comments were filed in response to the notices.
5. Permit Amendment Application T-11928 proposes an additional point of appropriation (POA) for both Permits as described below with approximate distance in feet from the authorized points of appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Approximate Distances from Authorized POA'S	Permit #
3 S	3 W	WM	22	SW SE	285 FEET NORTH AND 1810 FEET WEST FROM THE SE CORNER OF SECTION 22	751.4 ft.	G-12736
						468.0 ft.	G-13035

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 and OAR 690-01-0005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Permit Amendment Review Criteria

6. The change would not result in injury to other water rights.
7. The change does not enlarge the permit.
8. The change does not alter any other terms of the permit.

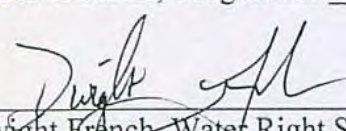
Conclusions of Law

The additional point of appropriation proposed by Permit Amendment Application T-11928 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

1. The additional point of appropriation proposed by Permit Amendment Application T-11928 is approved.
2. Permit G-17484, in the name of the City of Dundee, is issued to replace Permit G-12736 and Permit G-17485, in the name of the City of Dundee, is issued to replace Permit G-13035, and incorporates the amendments approved by this order, the extension of time, and the Water Management and Conservation Plan. Permit G-12736 and G-13035, in the name of The CITY OF DUNDEE, are no longer of any force or effect.
3. The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
4. Water shall be acquired from the same aquifer as the original points of appropriation.
5. All other terms and conditions of Permit G-12736 and G-13035 remain the same.

Dated at Salem, Oregon this 17 day of August, 2015.



Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Mailing Date: AUG 19 2015

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11928 and approved by Special Order Vol.96, Page ~~812~~ 813, entered August 17, 2015, and to describe an extension of time for complete application of water approved September 29, 2006 and a Water Management and Conservation Plan approved on November 21, 2012. This permit supersedes Permit G-13035.

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: TWO WELLS IN OTTER CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distance
3 S	3 W	WM	22	SW SE	TEST WELL-(YAMH 56803)- 285 FEET NORTH AND 1810 FEET WEST FROM THE SE CORNER OF SECTION 22
3 S	3 W	WM	27	NW NE	WELL 12-185 FEET SOUTH AND 1885 FEET WEST FROM THE NE CORNER OF SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Permit Amendment T-11928 Conditions:

The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old point of appropriation (Well 12), shall not exceed the quantity of water lawfully available at the original point of appropriation (Well 12).

Water shall be acquired from the same aquifer as the original point of appropriation (Well 12).

Water management and Conservation Plan Conditions:

A progress report is due no later than November 21, 2017, and an updated Water Management and Conservation Plan must be submitted to the Department no later than November 21, 2021.

Original Permit Conditions

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Within 1 year of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

- 1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:
 - (A) An average water level decline of three or more feet per year for five consecutive years; or
 - (B) A total water level decline of fifteen or more feet; or
 - (C) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.
- 2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.
- 3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.
 - (A) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.
 - (B) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.
 - (C) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

- (D) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.
- (E) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certificate as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited above are evidenced by the well measurement required herein.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an airline and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

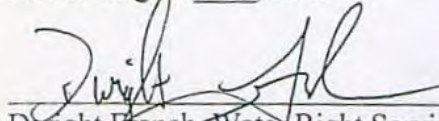
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2025.

Issued August 17, 2015


 Dwight French, Water Right Services Administrator, for
 THOMAS M. BYLER, DIRECTOR
 Oregon Water Resources Department

Application G-14070/T-11928

Basin 02

Water Resources Department

Volume 17, CHEHALEM CREEK & MISC.

MGMT.CODES 7IG,7IR

PERMIT G-17485

District 16

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11928 and approved by Special Order Vol. 96, Page ~~812-813~~ entered August 17, 2015, and to describe an extension of time for complete application of water approved September 29, 2006 and a Water Management and Conservation Plan approved on November 21, 2012. This permit supersedes Permit G-12736.

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14066

SOURCE OF WATER: TWO WELLS IN HARVEY CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distance
3 S	3 W	WM	22	SW SE	TEST WELL-(YAMH 56803) 285 FEET NORTH AND 1810 FEET WEST FROM THE SE CORNER OF SECTION 22
3 S	3 W	WM	27	NW NE	CITY WELL 11- 460 FEET SOUTH AND 1830 FEET WEST FROM THE NE CORNER OF SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Permit Amendment T-11928 conditions:

The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old point of appropriation (City Well 11), shall not exceed the quantity of water lawfully available at the original point of appropriation (City Well 11).

Water shall be acquired from the same aquifer as the original point of appropriation (City Well 11).

Water Management and Conservation Plan Conditions:

A progress report is due no later than November 21, 2017, and an updated Water Management and Conservation Plan must be submitted to the Department no later than November 21, 2021.

Original Permit Conditions:

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Ground water production shall be from no shallower than 50 feet below land surface. Ground water production shall be from the Columbia River Basalt, 50 to 400 feet below land surface.

Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A total water level decline of fifteen or more feet; or
- (C) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

- (A) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.
- (B) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.
- (C) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

- (D) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.
- (E) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certificate as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited above are evidenced by the well measurement required herein.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

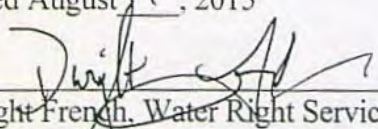
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2025.

Issued August 17, 2015


Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Application G-14070/T-11928
Basin 02

Water Resources Department
Volume 17, CHEHALEM CREEK & MISC.
MGMT.CODES 7IG, 7IR

PERMIT G-17484
District 16



Oregon

John A. Kitzhaber, MD, Governor

G-14066 App.

G-14070 App

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

October 31, 2013

Steven Shropshire
Jordan Ramis PC
Two Centerpointe Drive
6th Floor
Lake Oswego, OR 97035

Dear Steven,

Thank you for meeting with Department staff to discuss water right and well construction options for the City of Dundee well (YAMH 54149). The City is interested in adding this well to water right permits G-12736 and G-13035, which limit groundwater production to the Columbia River Basalt aquifer system between 50 and 400 feet below land surface. Water temperature profiling data collected in YAMH 54149 indicate groundwater flow within the borehole. Although the amount of borehole flow can't be quantified due to the presence of a liner pipe, the Department's experience and rules require protection of the separate aquifers, particularly within the Columbia River Basalt Group aquifer system (see Oregon Administrative Rule 690-200-0043).

As discussed at our meeting, the Department would like the City of Dundee to abandon the deeper portion of YAMH 54149 from the bottom hole depth of approximately 800 feet below land surface up to approximately 560 feet below land surface. This action will definitively address the Department's concerns regarding well construction standards and groundwater flow in this well. Once the work is completed, the Department will not make any further requests that the City abandon any other portion of the borehole. The Department is willing to provide a flexible time-frame to address the abandonment of the lower borehole given the importance of this well for the City's water supply. Once abandonment of the lower borehole is completed, the Department would be able to process a transfer application adding YAMH 54149 to the two groundwater permits noted above.

Please contact me at 503.986.0847 or by email at ivan.k.gall@wrdd.state.or.us if you have any questions regarding this matter.

Sincerely,

Ivan Gall – Manager, Groundwater Section

Cc: Juno Pandian – Manager, Well Construction and Compliance
Kris Byrd – Well Construction and Compliance
Mike McCord - Watermaster





Oregon

John A. Kitzhaber, MD, Governor

G-14070

Water Resources Department
North Mall Office Building
725 Summer St. NE, Suite A
Salem, OR 97301
Phone 503-986-0900
FAX 503-986-0904
www.wrd.state.or.us

November 27, 2012

City of Dundee
Attn: Rob Daykin, City Administrator
PO Box 220
Dundee, OR 97115

Subject: Water Management and Conservation Plan

Dear Mr. Daykin:

Thank you for your response to my review of the City of Dundee's (City) Water Management and Conservation Plan (plan) and submittal of final revisions to the plan.

The Department has reviewed the final revised plan and determined it to be generally consistent with the relevant requirements under OAR Chapter 690, Division 086. Therefore, please find the enclosed final order approving the City's Water Management and Conservation Plan and authorizing the diversion of up to 1.55 cfs of water under Permit S-44462 and up to a combined total not to exceed 0.8 cfs of water under Permits G-12736 and G-13035. *(This authorization does not allow the use of water in excess of the quantity limitation specified in each permit, being no more than 0.5 cfs under Permit G-12736 and no more than 0.5 cfs under Permit G-13035.)*

The attached final order specifies that:

- The City of Dundee's plan shall remain in effect until **November 21, 2022**;
- The City is required to submit a progress report to the Department by **November 21, 2017**, detailing progress made toward the implementation of conservation benchmarks scheduled in the plan and documenting the City's diligence in pursuing the development of water under Permits S-44462, G-12736 and/or G-13035; *and*
- The City must submit an updated Water Management and Conservation Plan to the Department by **November 21, 2021**.

***NOTE:** The deadline established in the attached final order for submittal of an updated water management and conservation plan (consistent with OAR Chapter 690, Division 086) shall not relieve the City of Dundee from any existing or future requirement(s) for submittal of a water management and conservation plan at an earlier date as established through other final orders of the Department.*

BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of the Proposed Water	)	FINAL ORDER APPROVING A
Management and Conservation Plan for	)	WATER MANAGEMENT AND
City of Dundee, Yamhill County	)	CONSERVATION PLAN

Authority

OAR Chapter 690, Division 086, establishes the process and criteria for approving water management and conservation plans required under the conditions of permits, permit extensions and other orders of the Department. An approved water management plan may authorize the diversion and use of water under a permit extended pursuant to OAR Chapter 690, Division 315.

Findings of Fact

1. The City of Dundee (City) submitted a Water Management and Conservation Plan (plan) to the Water Resources Department (Department) on November 15, 2011. The plan was required by conditions set forth in the final orders approving extensions of time for Permits G-6017, G-12685, G-12736, G-13035 and S-44462.
2. The Department published notice of receipt of the plan on November 22, 2011, as required under OAR Chapter 690, Division 086. No comments were received.
3. The Department provided written comments on the plan to the City on February 9, 2012, and in response, the City submitted a final revised plan on Nov. 14, 2012.
4. The Department reviewed the final revised plan and finds that it contains all of the elements required under OAR 690-086-0125.
5. The projections of future water needs in the plan demonstrate a need of up to 1.55 cfs of surface water available under Permit S-44462 and/or up to 0.8 cfs of ground water under Permits G-12736 and G-13035 to help meet overall demands of 2.66 cfs (1.72 million gallons per day) anticipated in 20 years. These projections are reasonable and consistent with the City's land use plan. The development of the sources authorized under these permits is dependent upon budgetary issues, as well as the physical attributes of the surface water and ground water sources themselves.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

6. The City's system is fully metered and has a rate structure that includes a base rate and volumetric charge. Unaccounted-for water is estimated at 18.6% percent.
7. The plan includes 5-year benchmarks for implementation and/or continuation of the following water conservation activities: full metering of the water system; replacement of small customer meters, as needed; performing annual water audits; maintaining a rate structure based on the amount of water used; budgeting funds annually toward replacement of aging water mains; and including water conservation information in the City's summer newsletter distributed to customers in July of each year and posted on the City's web site.
8. The plan includes 5-year benchmarks to develop: a maintenance and calibration methodology for production meters and large-size meters; a leak detection and repair methodology to work toward reducing annual water loss to 10 percent; and a systematic and documented methodology for tracking and/or estimating authorized and unauthorized unmetered water use. The plan also includes 5-year benchmarks to evaluate the feasibility of developing: a non-potable water supply as part of the new wastewater treatment facility; a financial and technical assistance program to encourage implementation of conservation measures; a supplier-financed fixture retrofitting and replacement program; and any other identified measures that would improve water use efficiency.
9. The plan identifies ground water, the Willamette River, Mossy Springs, Unnamed Springs and an Unnamed Stream formed by springs as the sources of the City's water rights. Additionally, the plan accurately and completely describes the listed fish species that occur in the Willamette River in the vicinity of the City's point of diversion, being Upper Willamette River Chinook (*federally-listed as Threatened*) and Upper Willamette River Steelhead (*state-listed as Sensitive-Vulnerable and federally-listed as Threatened*). The plan also accurately and completely identifies the water quality parameters for which the Willamette River has been 303(d) listed by the Oregon Department of Environmental Quality.
10. The water curtailment element included in the plan satisfactorily promotes water curtailment practices and includes a list of three stages of alert with concurrent curtailment actions.
11. The diversion of water under Permits S-44462, G-12736 and/or G-13035 will be initiated and/or expanded during the next 20 years and is consistent with OAR 690-086-0130(7), as follows:
 - a. As evidenced by the 5-year benchmarks described in Findings of Fact #7 and #8, the plan includes a schedule for development of conservation measures that would provide water at a cost that is equal to or lower than the cost of other identified sources;
 - b. Considering that the water savings generated by the conservation measures established in this WMCP cannot fully meet the City's projected 20-year peak demand, and that the wholesale purchase of water from the nearby Cities of Dayton and/or Lafayette is not practical due to the cost of building infrastructure necessary to transport water and because excess water supply is not available from those cities, the increased diversion of water under Permits S-44462, G-12736 and/or G-13035 is the most feasible and appropriate water supply alternative available to the City; *and*

- c. As the City pursues future development of a surface water supply from the Willamette River, they will be required to address any mitigation issues that may arise as a result of the Federal Endangered Species Act, Clean Water Act and/or Safe Drinking Water Act. Additionally, the City is required to comply with conditions set forth in the Final Orders issued by the Department on October 6, 2009 approving Extensions of Time for Permits S-44462 and G-6017 to protect minimum fish flow needs in the Willamette River in order to maintain the persistence of listed fish species in the portions of the river affected by the City's water use under these permits.

Conclusion of Law

The Water Management and Conservation Plan submitted by the City of Dundee is consistent with the criteria in OAR Chapter 690, Division 086.

Now, therefore, it is ORDERED:

1. The City of Dundee Water Management and Conservation Plan is approved and shall remain in effect until November 21, 2022, unless this approval is rescinded pursuant to OAR 690-086-0920.
2. The limitation of the diversion of water under Permit S-44462 established by the Extension of Time approved on October 6, 2009 is removed and, subject to other limitations or conditions of the permit, the City of Dundee is authorized to divert up to 1.55 cfs under Permit S-44462.
3. The limitations of the diversion of water under Permits G-12736 and G-13035 established by the Extensions of Time approved on September 29, 2006 are removed and, subject to other limitations or conditions of the permits, the City of Dundee is authorized to divert a combined total of up to 0.8 cfs under Permits G-12736 and G-13035. This condition does not allow the use of water in excess of the quantity limitation specified in each permit, being no more than 0.5 cfs under Permit G-12736 and no more than 0.5 cfs under Permit G-13035.
4. The City of Dundee shall submit an updated plan meeting the requirements of OAR Chapter 690, Division 086 (effective November 1, 2002) within 10 years and no later than November 21, 2021.
5. The updated plan (*referenced in Condition #4 above*) shall provide a description of the City's development of Permits S-44462, G-12736 and/or G-13035. The description should identify: 1) actions taken to construct infrastructure necessary to develop the authorized source(s) of water under the permits; 2) compliance with any mitigation actions required as a result of development of the permits; and 3) the extent to which water has been diverted under each of the permits (*i.e., identify the maximum rate of diversion of water under each of the Permits S-44462, G-12736 and/or G-13035*).
6. The City of Dundee shall submit a progress report by November 21, 2017, containing the information required under OAR 690-086-0120(4) and information documenting the City's diligence in pursuing the development of water under Permits S-44462, G-12736 and/or G-13035 (*see Condition #5 above*).

7. The deadline established herein for the submittal of an updated Water Management and Conservation Plan (consistent with OAR Chapter 690, Division 086) shall not relieve the City of Dundee from any existing or future requirement(s) for submittal of a Water Management and Conservation Plan at an earlier date as established through other final orders of the Department.

Dated at Salem, Oregon this 21 day of November, 2012.



Dwight French, Water Right Services Administrator for
PHILLIP C. WARD, DIRECTOR

Mailing date: NOV 27 2012

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14070

Final Order
Extension of Time for Permit Number G-13035

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

On December 27, 2004, the City of Dundee submitted an application to the Department for an extension of time for Permit G-13035. The Department issued Permit G-13035 on December 11, 1996. The permit called for completion of construction by October 1, 1998 and complete application of water to beneficial use by October 1, 1999. In accordance with OAR 690-315-0050(2), on August 1, 2006 the Department issued a Proposed Final Order proposing to extend the time to complete construction to October 1, 2025 and the time to fully apply water to beneficial use to October 1, 2025. The protest period closed September 15, 2006 in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to the following conditions:

CONDITIONS

1. **Development Limitations**

Diversion of water beyond 0.0 cfs under Permit G-13035 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan under OAR Chapter 690, Division 86. The required Water Management and Conservation Plan shall be submitted to the Department within 3 years from the date this extension becomes final.

The deadline established in this order for submittal of a Water Management and Conservation Plan shall not relieve a permittee of any existing or future requirements for submittal of a Plan at an earlier date as established through other orders of the

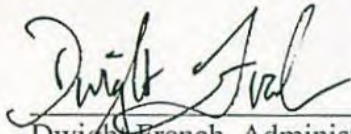
Department. A Plan submitted to meet the requirements of this order may also meet the Plan submittal requirements of other Department orders.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0080(3).

Order

The extension of time for Application G-14070, Permit G-13035, therefore, is approved subject to conditions contained herein. The deadline for completing construction is extended to October 1, 2025. The deadline for applying water to full beneficial use is extended to October 1, 2025.

DATED: September 29, 2006


Dwight French, Administrator of
Water Rights and Adjudications
for
Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Ann L. Reece at (503) 986-0808.

If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900

NOTE: Include a copy of the "Important Notice" document along with the original copy of the Final Order being sent to the permit holde

Mailing List for Extension FO Copies

Application G-14070

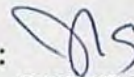
FO Date: September 29, 2006

Permit G-13035

Original mailed to permit holder:

City of Dundee
Attn: Eve Foote, City Administrator
PO Box 220
Dundee, OR 97115

Copies Mailed

By: 
(SUPPORT STAFF)

on: 9-29-06
(DATE)

For Extension PFO's - Copies sent to:

1. WRD - Appl. File G-14070/ Permit G-13035
2. WRD - Watermaster District 16, Mike McCord, Salem e-copy (done 9/29/06 
4. WRD- Ken Starr
8. WRD - Sarah Henderson, Technical Services (for MU and QM requiring Division 86 plan)
11. WRD - Support Staff, Salem...Permit record update

Other interested parties:

Jeff S. Jones, P.E.
Murray, Smith & Associates
121 SW Salmon, Suite 900
Portland, OR 97204

CASEWORKER: ALR

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN ^{Harvey}

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

(1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement.

The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

Groundwater production shall be from the Columbia River Basalt, between 50 and 400 feet below land surface.

Within ONE YEAR of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

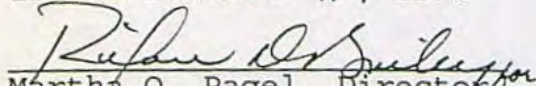
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued December // , 1996


Martha O. Pagel, Director
Water Resources Department

Application G-14070
Basin 02

Water Resources Department
Volume 18 OTTER CREEK & MISC
MGMT.CODE 7IG, 7IR

PERMIT G-13035
District 16

**Oregon Water Resources Department
Water Rights Division**

Application for Extension of Time

In the Matter of the Application	)	
for an Extension of Time for	)	
Permit G-13035, Water Right	)	PROPOSED FINAL ORDER
Application G-14070	)	
(City of Dundee)	)	

Permit Information

Application File G-14070 / Permit G-13035

Basin 02 – Willamette Basin / Watermaster District 16

Date of Priority: May 19, 1995

Authorized Use of Water

Source of Water: Well 12 in the Harvey Creek Basin

Purpose or Use: Municipal

Maximum Rate: 0.5 Cubic Feet per Second (CFS)

**This Extension of Time request is being processed in accordance
with Oregon Administrative Rule Chapter 690, Division 315.**

***Please read this Proposed Final Order in its entirety as it contains
additional conditions not included in the original permit.***

This Proposed Final Order applies only to Permit G-13035, water right Application G-14070. A copy of Permit G-13035 is enclosed as Attachment 1.

Summary of Proposed Final Order for Extension of Time

The Department proposes to:

- grant the extension for complete construction of the water system from October 1, 1998 to October 1, 2025;
- grant the extension for complete application of water from October 1, 1999 to October 1, 2025; and
- make the extension subject to certain conditions as set forth below.

AUTHORITY

ORS 537.630(2) provides in pertinent part that the Water Resources Department may, for good cause shown, shall order and allow an extension of time, for the completion of the well or other means of developing and securing the ground water or for complete application of water to beneficial use. In determining the extension, the department shall give due weight to the considerations described under ORS 539.010 (5) and to whether other governmental requirements relating to the project have significantly delayed completion of construction or perfection of the right.

ORS 539.010(5) provides in pertinent part that the Water Resources Director, for good cause shown, may extend the time within which the full amount of the water appropriated shall be applied to a beneficial use. This statute instructs the Director to consider: the cost of the appropriation and application of the water to a beneficial purpose; the good faith of the appropriator; the market for water or power to be supplied; the present demands therefore; and the income or use that may be required to provide fair and reasonable returns upon the investment.

OAR 690-315-0080 provides in pertinent part that the Water Resources Department shall make findings to determine if an extension of time for municipal and/or quasi-municipal water use permit holders may be approved to complete construction and/or apply water to full beneficial use.

OAR 690-315-0090(3) authorizes the Department, under definitive circumstances, to condition an extension of time for municipal and/or quasi-municipal water use permit holders to provide that diversion of water beyond the maximum rate diverted under the permit or previous extension(s) shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan under OAR Chapter 690, Division 86.

FINDINGS OF FACT

Background

1. Permit G-13035 was granted by the Water Resources Department (Department) on December 11, 1996. The permit authorizes the use of up to 0.5 cfs of water from Well 12, within the Harvey Creek Basin, for municipal use. It specified that construction of the water development project should be completed by October 1, 1998, and that complete application of water was to be made on or before October 1, 1999.
2. No prior extensions have been granted for the permit. This is the first extension of time request for Permit G-13035.
3. Due to ongoing permit extension rulemaking, the Department placed all pending municipal and quasi-municipal permit extension of time requests on hold and did not require municipal and quasi-municipal water use permit holders to submit an extension application until the new rules were adopted.
4. Municipal and quasi-municipal water use permit extension rules OAR 690-315-0070 through 690-315-0100 were adopted by the Water Resources Commission November 1, 2002, were further revised, filed with the Secretary of State, and became effective on November 22, 2005.
5. The permit holder submitted an "Application for Extension of Time" to the Department on December 27, 2004, requesting the time in which to complete construction of the water system under the terms of Permit G-13035 be extended from October 1, 1998 to October 1, 2025, and the time in which to accomplish beneficial use of water to the full extent under the terms of Permit G-13035 be extended from October 1, 1999 to October 1, 2025.
6. Notification of the City of Dundee's (City) extension of time request for Permit G-13035 was published on the Department's Public Notice dated February 1, 2005. No public comment on the extension application was received.
7. On April 8, 2005, the City submitted additional information to supplement their Application for Extension of Time.

Review Criteria for Municipal Quasi-Municipal Water Use Permits [OAR 690-315-0080(1)]

The time limits to complete construction and/or apply water to full beneficial use may be extended if the Department finds that the permit holder has met the requirements set forth under OAR 690-315-0080. This determination shall consider the applicable requirements of ORS

537.230¹, 537.248², 537.630³ and/or 539.010(5)⁴

Complete Extension of Time Application [OAR 690-315-0080(1)(a)]

8. The Department received a completed extension of time application and the statutory fee specified in ORS 536.050 from the permit holder.

Start of Construction [OAR 690-315-0080(1)(b)]

9. Ground water permits held by municipal corporations for municipal purposes are not subject to the requirement to begin actual construction work within one year from the date of approval of the application.⁵

Duration of Extension [OAR 690-315-0080(1)(c)(d)]

Under OAR 690-315-0080(1)(c)(d), the Department shall find that the time requested is reasonable and the applicant can complete the project within the time requested.

10. The remaining work to be accomplished under Permit G-13035 consists of exploratory well drilling to evaluate ground water aquifer limitations relative to future demands under G-13035, construction of Well 12, piping, pump station improvements, and complete construction of the system and complete application of water to beneficial use.
11. As of December 27, 2004, no water has been appropriated under Permit G-13035 because the well has not yet been constructed.
12. In addition to the 0.5 cfs of water allowed under Permit G-13035, the city is authorized to use 0.97 cfs under Permit G-6017, being 0.22 cfs from Springs Well 1, 0.26 cfs from Well 2 (also called River Well 4), 0.22 cfs from Well 3 (also called Springs Well 2), and 0.27 cfs from Old River Well 4, all within the Willamette River Basin; 0.33 cfs under

¹ ORS 537.230 applies to surface water permits only.

² ORS 537.248 applies to reservoir permits only.

³ ORS 537.630 applies to ground water permits only.

⁴ ORS 537.010(5) applies to surface water and ground water permits.

⁵ Section 5, chapter 410, Oregon Laws 2005, provides:

Sec. 5. (2) The amendments to ORS 537.230 and 537.630 by sections 1 and 2 of this 2005 Act apply to requests for extensions of time to complete construction or to perfect a water right made before, on or after the effective date of this 2005 Act, whether or not construction has commenced under a permit prior to the request.

(3) All final orders by the department that resulted in the issuance of a water right permit, the issuance of a water right certificate or the approval of an extension of time to complete construction or to perfect a water right for a municipal use that were issued before the effective date of this 2005 Act are not subject to challenge in an administrative or judicial proceeding with respect to the requirement to commence and complete construction within a specified period of time. [2005 c.410 §5]

Permit G-11058 (Springs Well 7) within the Harvey Creek Basin, 1.78 cfs under Permit G-13035 from three wells (Springs Well 8, First Street Well 9, and Alder Street Well 10), all within the Chehalem Creek Basin; 0.5 cfs under Permit G-12736 (Well 11) within the Harvey Creek Basin; 0.18 cfs under Certificate 29157 (Supply Well - also called Well 3/ Deep Well) within the Chehalem Creek Basin; and 0.6 cfs under Certificate 61759, being 0.3 cfs from Well 5 and 0.3 cfs from Well 6, both within the Willamette River Basin.

The City also holds three certificates for use of spring water within the Willamette River Basin, being 0.5 cfs under Certificate 8781, .05 cfs under Certificate 8817, and 0.007 cfs under Certificate 14654, all within the Chehalem Creek Basin.

The City also holds surface water rights for use of 0.25 cfs from Harvey Creek under Certificate 17145, and for 4.0 cfs from the Willamette River under Permit S-44462.

The City's water right permits and certificates total 9.67 cfs of water.

13. To meet its present demand for water the City is currently utilizing a total of 2.0 cfs of water, being 0.12 cfs from Well 1, and 0.12 cfs from Well 3, both under Permit G-6017; 0.08 cfs from Supply Well under Certificate 29157; 0.30 cfs from Well 5, and 0.30 cfs from Well 6, both under Permit G-10148; 0.33 from Well 7 under Permit G-11058; 0.31 cfs from Well 8, 0.32 under Well 9, and 0.11 from Well 10, all under Permit G-14070.

The current pumping capacity of Wells 3 and 7 is lower than the permitted rate. The production capacities of Supply Well and Well 10 have been declining over time. For approximately nine years following well construction, Well 10 produced approximately 100 gallons per minute (gpm), however, its discharge is currently throttled such that the well currently produces approximately 50 gpm. Wells 2, 11 and 12 are not currently connected to the City's water supply and are not being utilized at this time, however, the City plans to develop Wells 11 and 12 to meet future increases in water demands. Well 4 is not operational. The waters from the City's springs and Harvey Creek are held as an emergency water supply source.

The city has not yet made use 6.66 cfs of water, being 0.5 cfs under Permit 13035, 0.93 cfs of water under Permit G-12685, 0.73 cfs under Permit G-6017, 0.5 cfs under Permit 13035, and 4.0 cfs from the Willamette River under Permit S-44462.

14. Based on a growth rate of 4 percent per year, the City of Dundee projects their population of 2770 in the year 2002 will grow to 5750 by the year 2020, and reach Urban Growth Boundary saturation development in 2023 with a population of 6350. As growth continues, the city expects both residential infill and zoning expansions, resulting in increase in population density and overall water demand (2003 Water System Master Plan, pages 3-2 to 3-5).

15. According to the City's 1993 Water System Evaluation and Master Plan, the City expects commercial development to occur as the residential population expands and increases the demand for such activities (Section 2 page 8). Additionally, according to the same Master Plan, the City's projected growth of water system users, between the years 1990 and 2012, includes an average 10 percent per year increase in acres used for industrial development and an average 8 percent per year increase in acres used for commercial development (Table 2-4, Section 2 page 8).
16. According to the 2003 Water System Master Plan (page 3-1), the City water system currently provides service to the area within the Urban Growth Boundary (UGB) as well as to several connections outside of this boundary. The services outside the UGB have historically accounted for approximately 6 percent of the water demand, and are anticipated to continue being served at this same level by the City in the future. Furthermore, the agricultural area with the UGB is expected to be rezoned as residential prior to the saturation development of the UGB, with a population density of five people per net available acre.
17. Historical maximum daily per capita usage has been as low as 260 gallons per capita per day (GPCD) and as high as 360 GPCD. The City expects its maximum daily per capita usage to ultimately be maintained at approximately 320 GPCD, even in drought years, by implementing conservation measures.
18. Based on a projected growth of 4 percent per year and the industrial and commercial development projections of the city, full development of the remaining portion of Permit 13035 could occur by the year 2025.
19. Given the amount of remaining work to be accomplished under G-13035, the City's projected annual growth rate and associated projected demands for water, expansion of its service area, implementation of conservation measures, the uncertainty of the stability of the ground water aquifer and therefore considering the reliability of the other water rights held by the City, the permit holder's request to have until October 1, 2025, to complete construction of the water system and to complete the application of water to beneficial use under the terms of Permit 13035 is reasonable.

Good Cause [OAR 690-315-0080(1)(e) and (3)(a-g)]

The Department's determination of good cause shall consider the requirements set forth under OAR 690-315-0080(3).

Reasonable Diligence and Good Faith of the Appropriator [OAR 690-315-0080(3)(a),(c) and (4)]

Reasonable diligence and good faith of the appropriator must be demonstrated during the permit period or prior extension period as a part of evaluating good cause in determining whether or not to grant an extension. In determining the reasonable diligence and good faith of a municipal or quasi-municipal water use permit holder, the Department shall consider activities associated

with the development of the right including, but not limited to, the items set forth under OAR 690-315-0080(4) and shall evaluate how well the applicant met the conditions of the permit or conditions of a prior extension period.

20. Prior to the issuance of Permit G-13035 on December 11, 1996, the City constructed the Clearwell Pump Station.
21. During the original development time frame under Permit G-13035, being from December 11, 1996 to October 1, 1999, the following occurred: the City installed water distribution lines in the Fir Court and Falcon Crest Subdivisions.
22. Since October 1, 1999, the City completed the 2003 Water System Master Plan, and in March 2005 awarded a contract to construct an exploratory well to verify well yields. The City also made improvements to the Maple Street and Linden Lane water distribution lines.
23. As of December 27, 2004, the permit holder has invested \$543,000 which is approximately 27 percent of the total projected cost for complete development of this project. An additional \$1,495,000 investment is anticipated for the completion of this project.
24. Since the issuance of Permit G-13035 on December 11, 1996, no water has been appropriated because the well has not yet been constructed.
25. The record does raise concerns about the permit holder's compliance with conditions. Specifically, Permit G-13035 required the City to submit a Water Management and Conservation Plan consistent with OAR Chapter 690, Division 86 (Plan) to the Department by December 11, 1997. To date, the Department has not yet received the required Plan from the City.

Financial Investment and Cost to Appropriate and Apply Water to a Beneficial Purpose
[OAR 690-315-0080(2)(b)]

26. As of December 27, 2004, the permit holder has invested \$543,000 in the project, consisting of construction of a pump station, installation and improvements of water distribution lines, and completion of the 2003 Water System Master Plan. An additional \$1,495,000 investment is anticipated for the completion of this project.

The Market and Present Demands for Water [OAR 690-315-0080(2)(d)]

27. As described in Findings 11 through 17 above, the City relies almost exclusively on its permitted ground water rights to meet all its water requirements, and must rely on full

development of all their permitted rights to meet future water demands.

28. The City projects a population increase, on average, of 4.0 percent per year over the next twenty-five years and according to their 1993 Water System Evaluation and Master Plan (Section 2, page 8), the City expects commercial and industrial growth to increase proportionally.
29. Given the City's current water supply situation and current and expected demands, there is a market and present demand for the water to be supplied under Permit G-13035.
30. The department determined in accordance with OAR 690-315-0090(3), and is specified under Item 1 (Development Limitations) of the "Conditions" section of this Proposed Final Order for an Extension of Time, that this water right permit extension shall be conditioned to provide that the diversion of water beyond 0.0 cfs under Permit G-13035 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan under OAR Chapter 690, Division 86.

Fair Return Upon Investment [OAR 690-315-0080(3)(e)]

31. Use and income from the permitted water development project already result in reasonable returns upon the investment made to date.

Other Governmental Requirements [OAR 690-315-0080(3)(f)]

32. Delay in the development of this project was not caused by any other governmental requirements.

Events which Delayed Development under the Permit [OAR 690-315-0080(3)(g)]

33. Delay of development under Permit G-13035 was due, in part, to the size and scope of the municipal water system, which was designed to be phased in over a period of years. Additionally, due to the yield of city wells decreasing over time, complete beneficial use of water under Permit G-13035 is dependent on the results of ongoing groundwater aquifer exploration to determine if future demands can be met by existing or expanded groundwater supplies.

Maintaining the Persistence of Listed Fish Species [OAR 690-315-0080(1)(f) and (2)]

The Department's determination regarding maintaining the persistence of listed fish species shall be based on existing data and advice of the Oregon Department of Fish and Wildlife (ODFW). The determination shall be limited to impacts related to streamflow as a result of use of the undeveloped portion of the permit and further limited to where, as a result of use of the undeveloped portion of the permit, ODFW indicates that streamflow would be a limiting factor for the subject listed fish species.

34. On February 24, 2006 the Water Resources Department determined under OAR Chapter 690 Division 9, that use of water under this ground water Permit G-13035 does not have the potential for substantial interference with surface water.
35. Based upon the Department's determination described in Finding 34, the use of the undeveloped portion of Permit G-13035 does not have the potential for substantial interference with surface water, and therefore the persistence of listed fish species will be maintained.

CONCLUSIONS OF LAW

1. The applicant is entitled to apply for an extension of time to complete construction and/or completely apply water to the full beneficial use pursuant to ORS 537.630(2).
2. The applicant has submitted a complete extension application form and the fee specified under ORS 536.050(1)(k), as required by OAR 690-315-0080(1)(a).
3. Pursuant to Section 5, Chapter 410, Oregon Laws 2005, the permit holder is not required to demonstrate that actual construction of the project began within one year of the date of issuance of the permit, as required by OAR 690-315-0080(1)(b).
4. The time requested to complete construction and apply water to full beneficial use is reasonable, as required by OAR 690-315-0080(1)(c).
5. Completion of construction and full application of water to beneficial use can be completed by October 1, 2025⁶ pursuant to OAR 690-315-0080(1)(d).
6. After considering the reasonable diligence and good faith of the appropriator, the financial investment made, the market and present demands for water, the fair return upon the investment, the requirements of other governmental agencies and uncontrollable events which delayed development under the permit, the Department has determined that the applicant has shown good cause for an extension to complete construction of the water system and to complete the application of water to full beneficial use pursuant to OAR 690-315-0080(1)(e).
7. In accordance with OAR 690-315-0080(1)(f), and as described in Findings 34 and 35 above, the persistence of listed fish species will be maintained in the portions of the waterways affected by water use under this municipal use permit.

⁶ Pursuant to ORS 537.630(4), upon the completion of beneficial use of water allowed under the permit, the permit holder shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permit holder shall submit a map of the survey and the claim of beneficial use.

8. In accordance with OAR 690-315-0090(3) and as described in Finding 30 above, the Department has established, as specified under Item 1 of the "Conditions" section of this Proposed Final Order for an Extension of Time, that the diversion of water beyond 0.0 cfs under Permit G-13035 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan under OAR Chapter 690, Division 86.

Proposed Order

Based upon the foregoing findings of fact and conclusions of law, the Department proposes to issue an order to:

Extend the time for complete construction of the water system under Permit G-13035 from October 1, 1998 to October 1, 2025.

Extend the time for complete application of water to beneficial use under Permit G-13035 from October 1, 1999 to October 1, 2025.

Subject to the following conditions:

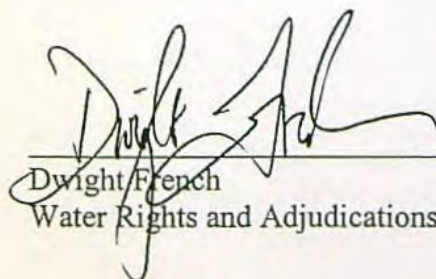
CONDITIONS

1. **Development Limitations**

Diversion of water beyond 0.0 cfs under Permit G-13035 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan under OAR Chapter 690, Division 86. The required Water Management and Conservation Plan shall be submitted to the Department within 3 years from the date this extension becomes final.

The deadline established in this order for submittal of a Water Management and Conservation Plan shall not relieve a permittee of any existing or future requirements for submittal of a Plan at an earlier date as established through other orders of the Department. A Plan submitted to meet the requirements of this order may also meet the Plan submittal requirements of other Department orders.

DATED: August 1, 2006


Dwight French
Water Rights and Adjudications Division

If you have any questions, please check the information box on the last page for the appropriate names and phone numbers.

Proposed Final Order Hearing Rights

1. Under the provisions of OAR 690-315-0100(1) and 690-315-0060, the applicant or any other person adversely affected or aggrieved by the proposed final order may request a contested case hearing on the proposed final order. Your request for contested case hearing must be in writing and must be received by the Water Resources Department no later than September 15, 2006 being 45 days from the date of publication of the proposed final order in the Department's weekly public notice.
2. A written request for contested case hearing shall include:
 - a. The name, address and telephone number of the petitioner;
 - b. A description of the petitioner's interest in the final order and if the protestant claims to represent the public interest, a precise statement of the public interest represented;
 - c. A detailed description of how the action proposed in the final order would adversely affect or aggrieve the petitioner's interest;
 - d. A detailed description of how the final order is in error or deficient and how to correct the alleged error or deficiency;
 - e. Any citation of legal authority supporting the petitioner, if known;
 - f. Proof of service of the petition upon the water right permit holder, if petitioner is other than the water right permit holder; and
 - g. The protest fee required under ORS 536.050.
3. Within 60 days after the close of the period for requesting a contested case hearing, the Director shall:
 - a. Issue a final order on the extension request; or
 - b. Schedule a contested case hearing if a request for contested case hearing has been submitted, and:
 - 1) Upon review of the issues, the Director finds there are significant disputes related to the proposed agency action; or
 - 2) The applicant submitted a timely request for a contested case hearing.

If you have any questions about statements contained in this document, please contact Ann L. Reece at 503-986-0808.

If you have questions about how to file a protest or if you have previously filed a protest and you want to know the status, please contact Mike Reynolds at 503-986-0820.

If you have any questions about the Department, or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0801.

Address any correspondence to:	Water Rights and Adjudications Division
	725 Summer St NE, Suite A
Fax: 503-986-0901	Salem, OR 97302

Mailing List for Extension PFO Copies

Application G-14070
Permit G-13035

PFO Date: August 1, 2006

Original mailed to:

Applicant: City of Dundee
Attn: Eve Foote, City Administrator
PO Box 220
Dundee, OR 97115

Copies Mailed	
By:	<i>JS</i>
	(SUPPORT STAFF)
on:	<i>8/1/06</i>
	(DATE)

For Extension PFO's - Copies sent to:

1. WRD - Appl. File G- 14070 / Permit G-13035

Other interested parties:

5. Jeff S. Jones, P.E.
Murray, Smith & Associates, Inc.
121 SW Salmon, Suite 900
Portland, OR 97204

Receiving via e-mail (10 AM Tuesday of signature date)

5. Static Water Level Decline Levels Triggered (or close to triggering) ☐ YES ☒ NO
6. PFO: WRD – Watermaster District 16 – Mike McCord, Salem
Done by ALR Date 8-2-06

CASEWORKER: ALR

S:\groups\wr\extensions\PFO\Done\2006 pfos\August\14070_city of dundee.doc

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **71991**

INVOICE # _____

RECEIVED FROM: City of Dundee
BY: _____

APPLICATION	<u>See below</u>
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 9693 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$1,250.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS	<u>558951 - \$250.00</u>	<u>G 14070 - \$250.00</u>
0407 COPY & TAPE FEES	<u>66331 - \$250.00</u>	
0410 RESEARCH FEES	<u>612568 - \$250.00</u>	
0408 MISC REVENUE: (IDENTIFY)		
TC162 DEPOSIT LIAB. (IDENTIFY)		
0240 EXTENSION OF TIME		
WATER RIGHTS:		
0201 SURFACE WATER	EXAM FEE \$	0202 RECORD FEE \$
0203 GROUND WATER	\$	0204 \$
0205 TRANSFER	\$	
WELL CONSTRUCTION		
0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219 LICENSE FEE \$
LANDOWNER'S PERMIT		0220 \$
OTHER (IDENTIFY)		

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND _____ TITLE _____

Application # G-14070 / Permit # G-13035

Route Slip ... Extension of Time

per Division 315 Rules... (Extensions received on July 1, 2001 or after)

♦ **WRIG...**

Money Received on: 250.00 rec'd on 12-27-04

♦ **Lisa Juul...**

Extension Completeness: _____
(If NOT complete, send certified letter requesting add'l information.)

If Extension Appl complete and \$250 fee submitted, route to...

♦ **Jonine Fuss...**

☒ Publish on Public Notice (initial 30-day comment): Jo 2/1/05

Update "cdatewext.DB" Database:

☒ In the "PNotice Date" field... Enter the date the Extension Application was published on the Public Notice.

☒ In the "Ext Filed" field... Enter the date the Extension Application was received.

At the close of the Initial 30-day Comment Period...

♦ **Lisa Juul...**

Pull files for Ext PFO review: _____

Extension PFO completed: _____

Once Extension PFO signed by Dwight French...

♦ **Jonine Fuss...**

Prepare Ext PFO for mailing to applicant: _____

Mail to those who commented and paid copy fee: _____

Include Ext PFO on weekly Public Notice: _____

Municipal or Quasi-Municipal

EXTENSION REVIEW CHECKLIST for PFO... per Div. 315 Rules

Application #: G - 14070 / Permit #: G - 13035

Permittee's Name: City of Dundee

Permittee's Mailing Address: PO Box 220, Dundee, OR 97115

POD Location: Township 3S Range 3W Section 27 $\frac{1}{4}$ $\frac{1}{4}$ NWNE

Drainage Basin: #2 County: Yamhill Watermaster District: 16

- ☒ 1. Has the applicant submitted the appropriate fees? Yes / No
***If "No".....STOP. (Extension of Time cannot be processed if insufficient fees submitted.)
*** (NOTE: Any missing Extension information that is needed before an Extension PFO can be completed???)
- ___ 2. Has the applicant completely filled out the Extension Application form? Yes / No
***If "No"..... List the shortcomings below and send a letter requesting the additional/missing information that is needed before the Extension of Time can be processed.
- ___ 3. Date Permit was issued: 12-11-96 Priority Date: 5-19-95
- ___ 4. Source: Well 12 in Harvey Creek Basin
- ___ 5. Use: Municipal Use
- ___ 6. "Q": 0.5 cfs
- ___ 7. Orig "A" Date: 12-11-97 Orig "B" Date: 10-1-98 Orig "C" Date: 10-1-99
- ___ 8. Conditions of Permit: Before use shall install meter
Submit annual water use report
Submit annual water level measurement
With one year permittee shall submit a WMC. Deficient - call out in PFO
well not constructed yet
- ___ 9. Extension request received: 12-27-04 Request Number (...1st 2nd, 3rd): 1st
- ___ 10. Last Authorized "B" Date: 10-1-98 Last Authorized "C" Date: 10-1-99
- ___ 11. Proposed "B" Date: 10-1-2025 Proposed C Date: 10-1-2025

___12. Amount Invested to date: 543,000 Estimated Total Cost: 2,038,000
(***Estimated Remaining Cost: 1,495,000)

___13. The water project development made to date has been accomplished in accordance with the terms and conditions contained in the permit. Yes / No ***If "No"..... What permit terms and/or conditions have not been met?

see 8

___14. Work on the water development project completed to date includes: _____

- construction of Clearwell Pump station
- installed water distribution lines in Fir Court - Falcon Crest
- completed 2003 Water System Master Plan
 - exploratory well contact
 - improvements to Maple St + Linden Lane water dist. lines

___15. The work remaining to be completed consists of: _____

- GW aquifer Exploration (exploratory well drilling)
- construct Well 12
 - piping
 - pump station improvements

___16. Progress in perfecting the permit is being held up by: _____

Size & scope

yield of wells declining - need exploratory work

___17. Has the applicant pursued perfection of the right in good faith and with reasonable diligence? Yes / No

~~invest~~ investment made - well not drilled - see 16

6 cfs used, water system partially constructed

___18. Determination of the market and the present demand for water or power to be supplied: _____

growth rate 4%/yr

sat dev @ 6350 in 2023

expect ↑ commercial + residential development

___19. Based on the written record, can the Department make a finding of "Good Cause" to approve the extension request?

Yes... "Good Cause" can be found. → Approval of Extension Request

No ... "Good Cause" cannot be found. → Denial of Extension Request

___20. Conditions to be included in Extension PFO (if applicable)? Yes / No
(NOTE: Check the file record for documentation to add a condition(s) at the extension stage.)

- ☒ Max "Q" Development Limitations (Municipal/Quasi-Municipal)
☒ Div. 86 Water Management and Conservation Plan
☐ Other: _____

___21. Footnote regarding Claim of Beneficial Use. Choose the appropriate language below and insert as a footnote in the PFO:

- ☐ COBU Requirement - Surface/Ground Water - on or prior to July 9, 1987
"For permits applied for or received on or before July 9, 1987, upon complete development of the permit, you must notify the Department that the work has been completed and either: (1) Hire a water right examiner certified under ORS 537.798 to conduct a survey, the original to be submitted as required by the Water Resources Department, for issuance of a water right certificate; or (2) Continue to appropriate water under the water right permit until the Water Resources Department conducts a survey and issues a water right certificate under ORS 537.250 or 537.625."
- ☐ COBU Requirement - Surface Water - post July 9, 1987
"Pursuant to ORS 537.230(3), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and the claim of beneficial use."
- ☒ COBU Requirement - Ground Water - post July 9, 1987
"Pursuant to ORS 537.630(3), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and the claim of beneficial use."

NOTES:

Extension "PFO" Dates

Checklist Last Revised: 1 / 31 / 2003

Mailing / Issuance Date: _____ WRD Project Manager: _____

Protest Deadline Date: _____ Date: _____

**Municipal Permit Extensions -
Remaining Undeveloped Portion of Water**

Date: January 10, 2006
To: Application # G-14070 (Permit # G-13035)
From: Lisa Jaramillo, Permit Extension of Time Review
Subject: Current remaining undeveloped portion of water under municipal use permit

Today, I spoke with the City of Dundee to determine whether or not the quantity of water beneficially used under their municipal use permit has increased from the quantity identified in their pending extension of time application (received on 12-27-04.)

The permit holder indicated that the quantity of water used for beneficial purposes under this municipal use permit:

- ☐ **HAS INCREASED** from the quantity identified in their pending extension of time application;
(For permits where beneficial water use has increased, the Department has requested the City to submit a written update identifying the "current" quantity of beneficial water use under this permit in order to maintain official documentation from the City in the file record.)

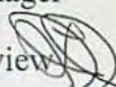
- OR -

- ☒ **HAS NOT INCREASED** from the quantity identified in their pending extension of time application.

NOTE: The following information is provided to document "quantity" information obtained during my telephone conversation with the permit holder.

Application # G-14070 / Permit # G-13035
Permitted quantity of water: 0.5 cfs
Maximum quantity of water developed: 0.0 cfs
Date information obtained by telephone from the City: 1-10-2006
Remaining undeveloped portion: 0.5 cfs

**Municipal Permit Extensions -
Remaining Undeveloped Portion of Water**

Date: Dec. 29, 2005
To: Doug Woodcock, Ground Water Section Manager
From: Lisa Jaramillo, Permit Extension of Time Review 
Subject: Remaining undeveloped portion of water under municipal use permit

For purposes of determining impacts related to streamflow as a result of use of the undeveloped portion of the permit [OAR 690-315-0080(2)], the following information identifies the remaining undeveloped portion of water under the municipal water use permit described below:

Name of City: City of Dundee
Application # G-14070 / Permit # G-13035

Permitted quantity of water: 0.5 cfs

Maximum quantity of water developed: 0.0 cfs

• Date this information provided by City: 12-27-2004 (Ext)

Remaining undeveloped portion: 0.5 cfs



Murray, Smith & Associates, Inc.
Engineers/Planners

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APR 08 2005

WATER RESOURCES DEPT
SALEM, OREGON

121 S.W. Salmon, Suite 900 ■ Portland, Oregon 97204-2919 ■ PHONE 503.225.9010 ■ FAX 503.225.9022

04-0706.401
April 8, 2005

Ms. Lisa J. Juul
Water Rights Specialist
Oregon Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271

Re: Pending Application for Extension of Time
Water Right Application No. G-14070, Permit No. G-13035

Dear Ms. Juul:

We have reviewed your letter of February 7, 2005 in which you requested additional information to evaluate the City's request for an extension of time for the above referenced water use permit. Our responses to your request are as follows:

Question No. 2

Your response to Question #2 of the extension of time application states, "No construction of facilities related to this permit has been completed pending ongoing overall City water source development planning." This statement is unclear whether any construction of facilities related to Permit #G-12736 ever began.

Please clarify whether or not construction under Permit #G-13035 began by the date specified in the permit, being December 11, 1997. (NOTE: Evidence of actions taken to begin "actual construction" means any physical work performed toward completion of the water system.)

Construction of the Clearwell Pump Station was completed in March 1996 at a cost of \$313,356. The pump station was designed to provide capacity for pumping water supplied by City Wells No. 1, No. 2, No. 7, No. 8, No. 11, and No. 12 (this permit) to the City's distribution system. The City awarded a contract to construct an exploratory well to verify well yields on March 12, 2005. It is anticipated that, should the exploratory well produce adequate capacity, a production well will be completed by fiscal year 2006/2007.

Question No. 3

Your response to Question #3 of the extension of time application is not sufficient. Please provide evidence that includes dates of work accomplished and actions taken toward completion of construction and/or beneficial use of water during the original time period allowed under this permit, being from December 11, 1996 to October 1, 1999.

The following is a list of activities associated with the development of Permit G-13035 during the original time period allowed under the permit.

- Clearwell Pump Station construction (Completed March 1996)
- Fir Court Subdivision 8-inch and 12-inch diameter water line construction (Completed August 1997)
- Falcon Crest Subdivision 12-inch diameter water line construction (Completed September 1999)

The Clearwell Pump Station was designed to provide the capacity for pumping water supplied by City Wells No. 1, No. 2, No. 7, No. 8, No. 11, and No. 12 (this permit) into the City's distribution system. As part of the City's on-going capital improvements plan, other water system improvement projects associated with City Well No. 12 are scheduled for construction as funding is made available. The City awarded a contract to construct an exploratory well to verify well yields on March 12, 2005.

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WATER RESOURCES DEPT
SALEM, OREGON

Ms. Lisa J. Juul
April 8, 2005
Permit No. G13035
Page 3

Question No. 7

Your response to Question #7 of the extension of time application indicates that only a Water System Master Plan for the City of Dundee was developed in September 2003.

Please provide a list that identifies any work and/or planning accomplished since Permit #G-13035 was issued on December 11, 1996. If no other work or planning was accomplished, please indicate so.

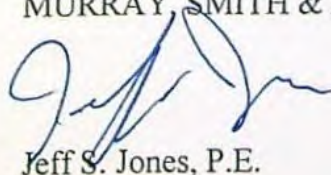
The Projects Completed listed below were constructed in order to provide capacity for the anticipated supply from the proposed City Well No. 12:

ITEM	COST
PROJECTS COMPLETED	
a. Clearwell Pump Station Construction (March 1996)	\$ 310,000
b. Fir Court Subdivision 8-inch and 12-inch diameter Waterline Construction (August 1997)	\$ 15,000
c. Falcon Crest Subdivision 12-inch Diameter Waterline Construction (September 1999)	\$ 22,000
d. City of Dundee Well No. 9 Construction (2001)	\$ 85,000
e. Maple Street and Linden Lane Waterline Improvements (October 2001)	\$ 80,000
f. Maple Street Waterline Improvements (February 2004)	\$ 39,000
CONSTRUCTION PROJECTS TOTAL	\$ 551,000
PLANNING AND DESIGN	
g. City of Dundee Water System Master Plan (September 2003)	\$ 60,000
h. Exploratory Well Design (Contract awarded March 2005)	\$ 17,000
TOTAL FINANCIAL EXPENDITURES	\$ 628,000 - 85,000 = 543,000

If you have any question or desire any further information, please do not hesitate to contact me at 503-225-9010. Thank you.

Sincerely,

MURRAY, SMITH & ASSOCIATES, INC.



Jeff S. Jones, P.E.

cc: Eve Foote, City of Dundee
Alan Mustain, City of Dundee

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APR 08 2005

WATER RESOURCES DEPT
SALEM, OREGON



Murray, Smith & Associates, Inc.
Engineers/Planners

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APR 08 2005

WATER RESOURCES DEPT
SALEM, OREGON

121 S.W. Salmon, Suite 900 ■ Portland, Oregon 97204-2919 ■ PHONE 503.225.9010 ■ FAX 503.225.9022

LETTER OF TRANSMITTAL

To: Oregon Water Resources Department Date: April 8, 2005
North Mall Office Building Job No. 04-0706.401
725 Summer Street NE, Suite A Re: City of Dundee – Water Rights -
Salem, OR 97301-1271 Pending Applications for Extension
Attn.: Ms. Lisa J. Juul of Time – Additional Information

WE ARE SENDING YOU:

- ☒ Attached ☐ Under separate cover
☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples
☐ Specifications ☐ Copy of letter ☐ Change Order ☐ _____

Copies	Date	Description
1	04-08-05	Pending Application for Extension of Time # G-12685 – Additional Information
1	04-08-05	Pending Application for Extension of Time # G-12736 – Additional Information
1	04-08-05	Pending Application for Extension of Time # G-13035 – Additional Information

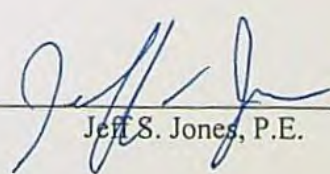
THESE ARE TRANSMITTED as checked below:

- ☒ For approval ☐ Approved as submitted ☐ Resubmit_copies for approval
☐ For your use ☐ Approved as noted ☐ Submit_copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return_corrected prints
☐ For review/comment ☐ For City Files

REMARKS: Dear Ms. Juul – Please find attached the additional information, as requested by the Department, for the above referenced pending Water Right Applications for Extension of Time. Please do not hesitate to contact me with any questions or comments you may have in this regard. Thank you.

COPY TO: Eve Foote, City of Dundee

SIGNED: _____


Jeff S. Jones, P.E.

Application # G-14070 / Permit # G-13035

Permit Holder: City of Dundee; Attn: Eve Foote, City Administrator
 Drainage Basin #2 - Willamette Watermaster Name and #16 - Bill Ferber

**Division 315 - Municipal/Quasi-Municipal
 Extension of Time - Completeness Checklist
 OAR 690-315-0070(3)**

Place a (✓)
 in the box
 if the item
 is satisfied

✓	1. [OAR 690-315-0070(3)] The appropriate extension of time fee (as specified in ORS 536.050). \$100 - applications received by September 30, 2003 \$250 - applications received on or after October 1, 2003 Duplicate Fees? NO paid \$250 on 12-27-04 (no pending extension application or fees)
✓	* [OAR 690-315-0070(3)(a)] The name and mailing address of the water right permit holder(s);
✓	* [OAR 690-315-0070(3)(b)] The application number and the permit number for which an extension is requested;
NOTE... Failed to meet "A" Date ok see letter rec'd 4/8/05	2. [OAR 690-315-0070(3)(c)] For quasi-municipal water use permit holders, evidence of the actions taken to begin actual construction on the project, as defined in 690-315-0020(3)(d), if required under the applicable statute; NOTE: ORS 537.230(1) [1997 edition] only exempts surface water municipal use permits from the "A" Date requirement. If you are reviewing a <u>ground water</u> municipal use permit, they must provide evidence that the "A" Date has been met. "Actual construction" means physical work performed towards completion of the water system, which demonstrates both the present good faith of the water right permit holder and the water right permit holder's intention to complete the project with reasonable diligence; "Actual construction" does not include planning a diversion system, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, or surveying. "A" date: 12-11-97 "A" Date Met? NO Physical start within 5 years? _____ "B" date: 10-1-98 "C" date: 10-1-99 NO CONSTRUCTION TO DATE (see response to Question #2)
NEED ok see letter rec'd 4/8/05	3. [OAR 690-315-0070(3)(d)] - This is extension request # 1st Evidence of actions taken to develop the right within the original permitted time period OR, during the most recent extension period from 12-11-96 to 10-1-99 Only describe completing a WMCP in 2003. Must identify work and planning that occurred from 12-11-96 to 10-1-99.
✓	4. [OAR 690-315-0070(3)(e)] Evidence of compliance with conditions contained in the permit <u>and</u> any previous extension(s) or the reason the condition was not satisfied; OK — No wells drilled and no water used.
✓	5. [OAR 690-315-0070(3)(f)] Evidence of the maximum INSTANTANEOUS rate of diversion, if any, made to date; No water used to date (wells not drilled)
✓	6. [OAR 690-315-0070(3)(g)] An estimate of the population served and a description of the methodology(ies) used to make the estimate; NO population served by this permit (no wells drilled)
ok see letter NEED rec'd 4/8/05	7. [OAR 690-315-0070(3)(h)] A description of financial expenditures made toward completion of the water development; Only list the WMCP in 2003. What work & associated costs occurred since permit issued (12-11-96) to current? 12-11-96

**Division 315 - Municipal/Quasi-Municipal
Extension of Time - Completeness Checklist
OAR 690-315-0070(3)**

Place a (✓)
in the box
if the item
is satisfied

✓	8. [OAR 690-315-0070(3)(i)] An estimate of the cost to complete the water development; OK... (together with #11).... appox. \$1,495,000
✓	9. [OAR 690-315-0070(3)(j)] A summary of any events that delayed completion of the water development or application of water to full beneficial use, including other governmental requirements, if any, relating to the project that have significantly delayed completion of construction or perfection of the right; Waiting to drill wells pending results of ground water source exploration.
✓	10. [OAR 690-315-0070(3)(k)] An estimated demand projection and a description of the methodology(ies) used for the subject water right permit, considering the other water rights held by the municipal or quasi-municipal water use permit holder, and a date by which the water development is anticipated to be completed and water put to full beneficial use. Extension requests for <u>greater than 50 years</u> must include documentation that the demand projection is consistent with the amount and types of lands and uses proposed to be served by the permit holder. Current Peak Water Demands - OK. See Section 1 & Table 1 of attached "water Use & Projected Needs" form Projected Population - OK. See Table 2-4... shows population projections to 2023 Potential Growth - OK. See Section 3 Inventory of Water Rights Held - OK. See Section 4 and Attachment A
✓	11. [OAR 690-315-0070(3)(l)] A summary of the applicant's plan and schedule to complete construction and/or perfect the water right; OK.... (together with #8) - Provides a list with dates of future projects needed to complete development
✓	12. [OAR 690-315-0070(3)(m)] Justification for the time requested to complete the project and/or apply the water to full beneficial use;
✓	13. [OAR 690-315-0070(3)(n)] Any other information the applicant determines is relevant to evaluate the application in accordance with applicable statutes and rules;
✓	* [OAR 690-315-0070(3)(o)] Any other information required by the Department that is necessary to evaluate the application in accordance with applicable statutory requirements.
✓	* Signature(s) of the water right permit holder(s).

S:\groups\wr\extensions\Municipal\muni ext completeness checklist\g14070_city of dundee.wpd

Name of Reviewer: _____

Date: _____

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

FILE#: G-14070

CITY OF DUNDEE
ATTN: EVE FOOTE
PO BOX 220
DUNDEE OR 97115

2. Article Number

(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

7004 1350 0000 7662 7617

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

- Sender: Please print your name, address, and ZIP+4 in this box.

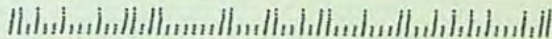
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FEB 09 2005

WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE SUITE A
SALEM OR 97301-1271

**WATER RESOURCES DEPT
SALEM, OREGON**

271





Oregon

Theodore R. Kulongoski, Governor

CERTIFIED MAIL

Return Receipt Requested

File # G14070
Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

February 7, 2005

City of Dundee
Attn: Eve Foote, City Administrator
PO Box 220
Dundee, OR 97115

REFERENCE: Pending Application for Extension of Time
Water Right Application #G-14070 (Permit #G-13035)

Dear Municipal Water Right Permit Holder:

The Department is currently evaluating your request for an extension of time on the above referenced municipal water use permit. We have determined that your extension application does not provide sufficient detail necessary to fully evaluate your request. The information and materials that need clarification are listed below and must be submitted before evaluation can continue.

NOTE: *If you make reference to other documents, reports and/or plans, you must provide copies with your responses and make specific references to the pages, tables and/or charts.*

Copies of your pending application received December 27, 2004, and your original permit are enclosed for reference.

Question #2 - OAR 690-315-0070(3)(c): *Provide evidence of the actions taken to begin actual construction on the project as required under OAR 690-315-0020(3)(d). All Quasi-Municipal permits and Municipal ground water permits issued prior to October 23, 1999, are generally required to begin actual construction within one (1) year.*

- Your response to Question #2 of the extension of time application states, "No construction of facilities related to this permit has been completed pending ongoing overall City water source development planning." This statement is unclear whether any construction of facilities related to Permit #G-13035 ever **began**.

Please clarify whether or not construction under Permit #G-13035 began by the date specified in the permit, being December 11, 1997. (NOTE: Evidence of actions taken to begin "actual construction" means any physical work performed toward completion of the water system.)

Question #3 - OAR 690-315-0070(3)(d): Describe and supply documentation of actions taken to develop the water right permit:

- Your response to Question #3 of the extension of time application is not sufficient. Please provide evidence that includes dates of work accomplished and actions taken that occurred toward completion of construction and/or beneficial use of water during the original time period under this permit, being from December 11, 1996 to October 1, 1999.

Information provided under this section should include both physical work and other types of water right development activities such as: water management planning; conservation planning; development of a water master plan for the Oregon Health Division; planning of a diversion system; demand forecasting; flow or water quality monitoring; source evaluation; entry into intergovernmental agreements for water delivery; property acquisition; engagement in governmental permitting or project financing; procurement of planning, design or construction services; surveying; and any physical work performed toward completion of the system and development of the right (e.g., pumps; pipes; well construction; treatment plant/facilities; transmission systems; distribution systems; and/or intake structures).

Question #7 - OAR 690-315-0070(3)(h): Provide a description of the financial expenditures made toward completion of the water development under this permit.

Your response to Question #7 of the extension of time application indicates that only a Water System Master Plan for the City of Dundee was developed in September 2003.

Please provide a list that identifies any work and/or planning accomplished since Permit #G-13035 was issued on December 11, 1996. If no other work or planning was accomplished, please indicate so. The list should describe all major development components accomplished from the date this permit was issued up to the time you prepared this extension application. Include dates the work was accomplished, the cost of each development component listed, and the total cost of all work described. Actions under this section consist of both physical work and other water right development activities such as: water management planning; conservation planning; development of a water master plan for the Oregon Health Division; planning of a diversion system; demand forecasting; flow or water quality monitoring; source evaluation; entry into intergovernmental agreements for water delivery; property acquisition; engagement in

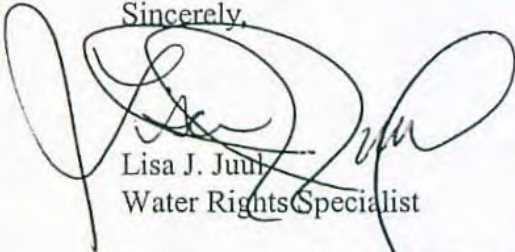
governmental permitting or project financing; procurement of planning, design or construction services; surveying; and any physical work performed toward completion of the system and development of the right (e.g., pumps; pipes; well construction; treatment plant/facilities; transmission systems; distribution systems; and/or intake structures).

Please submit this information to the Department by **Friday, April 8, 2005**. If you cannot provide the requested information by this deadline, you must notify the Department in writing, explaining the reason(s) why, and indicate a date certain by which you anticipate the requested information can be supplied.

If the Department has not received the requested information by **Friday, April 8, 2005**, and has not received written notification explaining why the deadline for submittal cannot be met, the Department **will** return your "Application for Extension of Time for Quasi-Municipal and Municipal Water Use Permits" as incomplete and refund all fees paid toward the extension of time request.

If you have any questions concerning your extension request or completion of the required materials, please contact me at (503) 986-0808. Thank you for your cooperation and attention to this matter.

Sincerely,



Lisa J. Juul
Water Rights Specialist

Enclosures: Copy of pending Application for Extension of Time, received 12-27-04
Copy of Permit #G-13035

cc: Appl #G-14070 (Permit #G-13035)
Bill Ferber, Watermaster District #16

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RECEIVED
OVER THE COUNTER

APPLICATION TO
WATER RESOURCES DIRECTOR OF OREGON
FOR
EXTENSION OF TIME
FOR
GROUNDWATER RIGHT
APPLICATION NO. G-14070, PERMIT NO. G-13035
DECEMBER 2004

RECEIVED

DEC 27 2004

WATER RESOURCES DEPT
SALEM, OREGON

Submitted By:

THE CITY OF DUNDEE
PO BOX 220
620 SW 5th STREET
DUNDEE, OR 97115
(503) 538-3922

APPLICATION FOR EXTENSION OF TIME

for Quasi-Municipal and Municipal Water Use Permits

TO THE WATER RESOURCES DIRECTOR OF OREGON

I, the City of Dundee Eve Foote, City Administrator
NAME OF ENTITY NAME OF CONTACT
620 SW Fifth Avenue Dundee, OR 97115 (503) 538-3922
ADDRESS CITY STATE ZIP PHONE

permit holder, or duly authorized agent, of Application No. G-14070, Permit No. G-13035,
[OAR 690-315-0070(3)(b)], do hereby request that the time in which to:

- ☒ complete the construction of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water, which time now expires on October 1, 1998, be extended to October 1, 2025,

and/or the time in which to:

- ☒ accomplish beneficial use of water to the full extent under the terms of the permit, which time now expires on October 1, 1999, be extended to October 1, 2025.

I am the permittee, or have written authorization from the permittee, to apply for an extension of time under this permit. I certify that the information I have provided in this application is true and correct to the best of my knowledge.

Eve L. Foote
Signature Eve Foote, City Administrator

12-22-04
Date

WTR

The "Application for Extension of Time for Quasi-Municipal and Municipal Water Use Permits" is continued the following pages.

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DEC 27 2004

WATER RESOURCES DEPT
SALEM OREGON

PLEASE NOTE:

- * You should request the reasonable amount of time necessary to fully develop the permit and complete the project.
- * Permit extensions for Quasi-Municipal and Municipal permits are evaluated under OAR Chapter 690, Division 315. Except under limited circumstances (see OAR 690-315-0090), upon issuance of an order approving an extension of time, you will be required to submit a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86 within 3 years. Diversion of water beyond the maximum rate currently diverted under the permit shall only be authorized upon approval of your WMCP. These rules may be viewed at: "www.wrd.state.or.us/law/oar1999.shtml"
- * Each item of the extension of time application includes instructions to assist you with your responses. Oregon Water Law and Administrative Rules require the Water Resources Department to consider these items when reviewing a Quasi-Municipal or Municipal water use permit extension application.
- * *A separate extension application must be submitted for each permit pursuant to OAR 690-315-0070(2). All items must be addressed or the application may be returned. Please feel free to provide the Department with any additional information or evidence that will aid us in making our decision.*
- * Once you have reviewed the extension of time application and instructions, if you have any questions, you may contact the Department at (503) 986-0800, and request assistance from the Water Rights Division, Permit Extensions personnel.

Reference Materials Needed to Complete this Application

Below is a listing of the minimum items you should review and consider as you are completing the extension of time application for your Quasi-Municipal or Municipal water use permit:

- * A copy of the subject permit. *If you do not currently have a copy of your water right permit, you may be able to download a copy from the Department's website (www.wrd.state.or.us) or you may contact the Department's Customer Service Information Group at (503)986-0801 to obtain a copy.*
- * Water Management and Conservation Plan (OAR Chapter 690, Division 86), *if applicable*, per Oregon Water Resources Department.
- * Water System Master Plan, *if applicable*, per Oregon Health Division.
- * Any supporting documentation demonstrating compliance with permit conditions, including but not limited to: well construction logs; static water level measurement reporting; annual water use reporting; a long-term alternative water supply plan; and/or a plan to monitor the effect of water use on ground water aquifers utilized under the permit.
- * An inventory of all water rights (certificates, permits and/or applications) held by the applicant illustrating how the water rights are utilized. If any water rights are not used, please explain the reason(s) why. A sample form is enclosed for your reference (See Attachment "A").

RECEIVED

DEC 27 2004

**WATER RESOURCES DEPT
SALEM, OREGON**

[OAR 690-315-0070(3)]

1. **Submit the appropriate extension of time fee (\$250), as specified under ORS 536.050.**

The application fee of \$250 is attached.

[OAR 690-315-0070(3)(c)]

2. **Provide evidence of the actions taken to begin actual construction on the project as required under the applicable statute.**

No construction of facilities related to this permit has been completed pending ongoing overall City water source development planning.

[OAR 690-315-0070(3)(d)]

3. **Describe and supply documentation of actions taken to develop the water right permit:**

A. If this is the first extension request for this permit

The last authorized date for completion of construction was October 1, 1998 and the last authorized date for full beneficial use of water for this permit was October 1, 1999. The City of Dundee developed a Water System Master Plan in 2003 in accordance with Oregon State Department of Human Services requirements. Full development of the water right has been investigated in the Master Plan.

The City's well yields have been continuously monitored and have been observed to have decreased over time. The City is currently planning for further exploration of the groundwater aquifer to determine if future demands can be met by existing or expanded groundwater supplies. Pending the results of the additional exploration, the well under this water right may be further developed to the permitted rate.

OR

B. If a prior extension was granted for this permit

Not Applicable.

[OAR 690-315-0070(3)(e)]

4. Provide evidence of compliance with conditions contained in the original permit, as well as any conditions added by previous extensions. If any conditions have not been satisfied, please explain the reason(s) why.

A copy of the original permit (G-13035) is attached to this application for extension of time. Time-sensitive conditions contained in the original permit have been identified and are hand-numbered on the attached copy. Compliance with those time-sensitive conditions is addressed below.

- 4-1. *The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.*
- 4-2. *Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.*
- 4-3. *Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.*

Construction of this well has been delayed. This water right has been maintained as a back up source for future increases in water demand pending the results of ongoing groundwater aquifer exploration that will help to determine if future demands can be met by existing or expanded groundwater supplies.

[OAR 690-315-0070(3)(f)]

5. Document evidence of the maximum instantaneous rate of water diverted to the date of this application, if any, for beneficial Quasi-Municipal or Municipal purposes.

No water has been diverted to date. The maximum rate of water use allowed under this permit is 0.5 cubic feet per second.

[OAR 690-315-0070(3)(g)]

6. Provide an estimate of the population served under this permit and a description of the methodology(ies) used to make this estimate.

Current population is served by other City of Dundee water rights.

[OAR 690-315-0070(3)(h)]

7. Provide a description of the financial expenditures made toward completion of the water development under this permit.

ITEM

a. September 2003, Development of City of Dundee
Water System Master Plan

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COST
\$ 60,000

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[OAR 690-315-0070(3)(i)]

8. Provide an estimate of the cost necessary to complete the water development.

ITEM	BUDGET
a. Groundwater Aquifer Exploration (Exploratory Well Drilling)	\$ 250,000
b. Well Construction	\$1,000,000
c. Piping	\$ 200,000
d. Pump Station Improvements	\$ 45,000
Total	\$1,495,000

Completion of the above items is dependent on the results of ongoing groundwater aquifer exploration that will help to determine if future demands can be met by existing or expanded groundwater supplies.

[OAR 690-315-0070(3)(j)]

9. List and describe all events that delayed completion of the water development or application of water to full beneficial use, including other governmental requirements (if any), relating to the project that have significantly delayed completion of construction or perfection of the right.

The yield of certain City wells has been observed to have decreased over time. The City is currently planning for further exploration of the groundwater aquifer to determine if future demands can be met by existing or expanded groundwater supplies. Pending the results of the additional exploration, the well under this water right may be developed to apply the water to full beneficial use as the City's demand increases.

[OAR 690-315-0070(3)(k)]

- 10-A. Provide an estimated demand projection and a description of the methodology(ies) used for the subject water right permit, considering the other water rights and contracts held by the municipal or quasi-municipal water use permit holder, and a date by which the water development is anticipated to be completed and water put to full beneficial use.

A Municipal Water Uses and Projected Needs form is attached to this application. This attachment estimates long term water demand projections for the City of Dundee's customers, and contains a description of the methodology used. As a municipal corporation, the City of Dundee is responsible for obtaining and developing long-term water supply for its customers. The water demand projection presented in the attachment is consistent with the amounts and types of land and uses that are and will be served by the City of Dundee. The future water demand will result from a combination of increased population within the current service area, expansion of the service area, and changing types of uses. The development of this water right to full beneficial use is dependent on actual city wide water demand, growth, and on the results of ongoing groundwater aquifer exploration that will help to determine if future demands can be met by existing or expanded groundwater supplies.

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[OAR 690-315-0070(3)(k)]

- 10-B. Extension requests for greater than 50 years must include documentation that the demand projection is consistent with the amount and types of lands and uses proposed to be served by the permit holder.

Not Applicable.

OAR 690-315-0070(3)(l)]

11. Provide a summary of the future plan and schedule to complete construction and/or perfect the water right.

Completion of the schedule of improvements listed below is dependent on the results of ongoing groundwater aquifer exploration that will help to determine if future demands can be met by existing or expanded groundwater supplies.

ITEM	YEAR
a. Groundwater Aquifer Exploration and Development (Exploratory Well Drilling)	2005-2010
b. Well Construction	2010-2025
c. Piping	2010-2025
d. Pump Station Improvements	2010-2025

[OAR 690-315-0070(3)(m)]

12. Justify the time requested to complete the project and/or apply the water to full beneficial use.

See attachments submitted with this extension of time application.

[OAR 690-315-0070(3)(n)]

13. Provide any other information you wish the Department to consider while evaluating the extension of time application.

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Before submitting, make sure the following items are included:

- * Completed Extension of Time application;
- * Statutory fee of \$250 (pursuant to ORS 536.050);
- * Extension of Time application Signature Page (*page 1 of application*); and
- * All supporting documentation and/or evidence referenced in the application.

Mail the above items to: **Water Right Permit Extensions
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271**

last revised: September 24, 2004
M:\internet\publications\muni_ext_appl_instruct_new_9-15-04.wpd

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ATTACHMENTS

City of Dundee Water Use and Projected Needs Description

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**SUPPLEMENT TO APPLICATIONS FOR EXTENSION OF TIME
FOR CITY OF DUNDEE**

WATER USES AND PROJECTED NEEDS

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1. CURRENT WATER DEMANDS

Water demand estimates were developed from a review of historical water consumption records and data provided by the City and regional population forecasts specifically generated to reflect the water service area.

Historical Water Use

The term "water demand" refers to all the water requirements of the system including domestic, commercial, municipal, institutional and industrial as well as unaccounted-for water. Demands are discussed in terms of gallons or gallons per unit of time such as million gallons (MG), gallons per day (GPD), million gallons per day (MGD) or gallons per minute (GPM). Demands are also related to per capita use as gallons per capita per day (GPCD). The City of Dundee maintains records of historical monthly water usage by customers. Table 1 summarizes this data for the years 1999 through 2002.

Existing Water Demands

Based on historical water usage patterns and historical population, the water service area's average daily demand has been approximately 0.4 million gallons per day (MGD) with a per capita consumption of approximately 145 gallons per capita per day (GPCD). Recent maximum daily water demand usage has been as high as approximately 0.95 MGD in 2000. The annual demands and the monthly average demand during peak season for the years 1999 through 2002 are summarized in Table 1.

**Table 1
Historical Water Use Summary**

Year	Water Service Area Population	Water Demand			
		Average Day Demand (MGD)	Peak Day Demand (MGD)	Annual Demand (MG)	*Peak Season Monthly Average Demand (MG)
1999	2,478	0.41	0.91	150.4	19.95
2000	2,598	0.43	0.95	157.5	20.34
2001	2,670	0.38	0.69	139.1	19.64
2002	2,770	0.38	0.81	137.5	20.09

*Peak Season is June through September

2. PROJECTED POPULATION AND WATER DEMAND

Existing Population

Historical population estimates were obtained through the analysis of data provided by the City of Dundee and the Center for Population Research and Census (CPRC) at Portland State University. The CPRC data represents estimates of Dundee's population inside the existing City limits as of July 1 each year. Population estimates for the beginning of each decade are based on census counts published by the U.S. Census Bureau, while annual estimates between the census counts are derived by analyzing supplemental data, including economic changes, building permits issued, and annexations. Table 2-1 presents a summary of these historical population estimates from 1970 through 2002. The average annual growth rate over this period was approximately 5.0 percent. The most current published population figures for the year 2002 place the City's population at 2,770 residents, while the 2003 population of approximately 2,882 is a projection.

The City of Dundee currently supplies water to approximately 2,882 people through approximately 1,000 residential service connections. Based on current City data, there are approximately 2.8 persons per equivalent dwelling unit (EDU). This results in approximately 1,030 existing dwelling units (DUs).

Table 2-1
Historical and Current Population Summary

Year	Population
1970	588
1980	1,223
1990	1,663
2000	2,598
2001	2,670
2002	2,770
2003	2,882

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Table 2-2 summarizes estimates of the existing population and DUs within each pressure zone.

Table 2-2
Existing Population and Equivalent Dwelling Units Summary

Pressure Zone	Area (acres)	Equivalent Dwelling Units	Population
Upper Zone	23.4	45	125
Intermediate Zone	86.5	200	560
Lower Zone	374.3	785	2,197
Total	484.2	1,030	2,882

Population Forecast

As part of on-going population forecasting efforts, population projections have been developed and summarized in Table 2-3. In 1998 the City had approximately 270 acres of net buildable land available within the UGB. Using the established planning densities of 4 lots per acre for R1 zoning, 5 lots per acre for R2 zoning, 9 lots per acre for R3 zoning, 5 lots per acre as an assumed value for the agricultural area, and an occupancy rate of 3 people per lot, the saturation development population is projected to be 6,350.

Table 2-3
Saturation Development Population Projection Summary

Zoning Designation	Net Buildable Land (acres)	Estimated Population
1998 Baseline Population	-	2,383
R-1	39.1	469
R-2	5.0	75
R-3	5.9	159
Residential/Agricultural	217.6	3,264
Saturation Development		6,350

Yamhill County's Transportation System Plan (TSP) projects a City population of approximately 9,127 in 2020 using a growth rate of 5.76%. The Oregon Office of Economic Analysis (OEA) has estimated Yamhill County's population to be 119,589 in the year 2020 with Dundee's population being only 1.7% of Yamhill County's population or approximately 3,994. Taking into consideration historical growth rates, TSP growth estimates, OEA growth estimates and the available buildable land within the existing UGB, the City has adopted a population of 5,750 in the year 2020. This correlates to a growth rate of 4.05% between the 2000 census population and the adopted 2020 population, which will be used for population projections. Table 2-4 presents a population forecast summary.

Table 2-4
Population Forecast Summary

Year	Population
2002	2,770
2003	2,882
2008	3,515
2013	4,286
2018	5,228
2020	5,750
2023 (UGB Saturation Development)	6,350

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For water system planning purposes, it is prudent to use the saturation development population forecasting methodology. This methodology provides for the most economical development of water infrastructure improvements by assuming full occupancy at saturation development conditions allowing for actual development to progress without incurring additional costs for facility duplication.

Water Demand Projections

Future water demand estimates were developed by projecting historical flows using the same relative growth as the population. As growth continues, both residential infill and zoning expansions are expected, resulting in an increased population density and an overall water demand. For the purposes of this plan, estimated average daily water usage is assumed to remain constant at approximately 145 GPCD.

Dundee's water demand patterns have varied greatly over the past few years. Historical maximum day per capita usage has been as low as 260 GPCD and as high as 360 GPCD. As conservation plays an increasing role in water usage patterns, it is anticipated that Dundee's maximum daily per capita usage can ultimately be maintained at approximately 320 GPCD, even in drought years.

Future maximum day per capita usage is estimated at approximately 320 GPCD. Estimated average and maximum day water demands are developed by multiplying the estimated per capita usage by the anticipated population for that year. To provide an estimate of peak hourly usage, a factor of 1.5 was applied to the estimated maximum day water demands. This is consistent with water demand patterns of similar communities in the region. Population projections and anticipated water demands, in five-year increments through saturation development, are summarized in Table 2-5.

**Table 2-5
Population Forecasts and
Estimated Water Demand Summary**

Year	Population	Water Demand (MGD)		
		Average Day Demand	Maximum Day Demand	Peak Hour Demand
2003	2,882	0.42	0.92	1.38
2008	3,515	0.51	1.12	1.68
2013	4,286	0.62	1.37	2.06
2018	5,228	0.76	1.67	2.51
2023 (UGB Saturation Development)	6,350	0.92	2.03	3.05

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3. POTENTIAL GROWTH

Service Area

The City of Dundee Urban Growth Boundary (UGB), as defined by the City's comprehensive plan, encompasses approximately 747 acres, while the City limits include approximately 900 acres. Approximately 153 acres of land inside the City limits is outside of the UGB and is non-developable flood plain land. The City water system currently provides service to the area within the UGB as well as to several connections outside of this boundary. The services outside the UGB have historically accounted for approximately six percent of the water demand and are anticipated to continue being served at this same level by the City throughout the planning period (2023).

The City of Dundee's future water service area includes the area enclosed within the established UGB. According to Dundee's Buildable Lands Inventory and Urbanization Project report, the agricultural area within the UGB is expected to be rezoned as residential prior to the saturation development of the UGB with a population density of five people per net available acre. This assumption was incorporated in the demand estimates discussed above.

4. INVENTORY OF WATER RIGHTS HELD

Existing Water rights and Permits

The City of Dundee currently holds surface water rights on nine sources and groundwater rights on eleven sources. Attachment "A" summarizes the existing water rights and the corresponding amount of beneficial water use.

Supply Sources

The City is supplied water from nine groundwater wells located in and around the City that pump water from the Columbia River Basalt Group Formation (CRBG) aquifers. All but two of these wells are City owned. The City owns an additional well, referred to as Well No. 4 or old river well, which is no longer operational. These wells have a total combined production capacity of approximately 1.14 million gallons per day (MGD) under normal operating conditions. Water from each well is either pumped to a storage reservoir or is pumped into the water distribution system. All of the supply wells are equipped with submersible pumps and disinfection at all wells is by liquid chlorine injection. Table 4-1 presents a summary of the supply wells and a brief description of each well is presented below. Also presented is a brief discussion of the City's surface water and groundwater sources and associated water rights that are currently not being used.

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SALEM OREGON**

**Table 4-1
Groundwater Well Pump, Depth and Production Summary**

City Well No.	OWRD Source Name	Horse-power (hp)	Total Well Depth (feet)	Approximate Existing Production Capacity (gpm)
1	Well 1	15	103	53
2	Well 3	10	200	54
3	Supply Well	7.5	471	35
5	Well 5	7.5	160	135
6	Well 6	7.5	160	135
7	Well 7	10	215	80
8	Well 7A	10	304	130
9	First Street Well	20	385	145
10	Alder Street Well	10	482	50
Total Supply Source Production Capacity¹				790 (1.14 MGD)

1. Total supply source production capacity is the sum of the production capacities of all operational well pumps.

Well Nos. 1, 2, 7 and 8

The City operates four wells and a pumping facility on a parcel of land located approximately 1.25 miles west of the City limits. These are City Well Nos. 1, 2, 7 and 8, and are also collectively referred to as the Spring Wells. Extension of Time is needed for well Nos. 1, 2 and 8. Each well pumps water to a 6,000 gallon clearwell where it is chlorinated and then pumped through a 6-inch diameter pipe to the 0.2 million gallons (MG) Reservoir. The wells at this site have a combined production capacity of approximately 320 gallons per minute (gpm) and are described below:

- Well No. 1 is capable of producing approximately 53 gpm of water. The well was constructed in 1971, has an 8-inch diameter casing, a depth of approximately 103 feet, and a wellhead elevation of approximately 440 feet.
- Well No. 2 is capable of producing approximately 54 gpm of water. The well was constructed in 1973, has an 8-inch diameter casing, a depth of approximately 200 feet, and a wellhead elevation of approximately 429 feet.
- Well No. 7 is capable of producing approximately 80 gpm of water. The well was constructed in 1988, has an 8-inch diameter casing, a depth of approximately 215 feet, and a wellhead elevation of approximately 451 feet.
- Well No. 8 is capable of producing approximately 130 gpm of water. The well was constructed in 1991, has an 8-inch diameter casing, a depth of approximately 304 feet, and a wellhead elevation of approximately 460 feet.

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Well No. 3

Well No. 3, also referred to as the deep well or supply well, is located adjacent to the City's 0.4 MG Reservoir, near the intersection of SW Upland Drive and SW Red Hills Loop. This well has a current production capacity of approximately 35 gpm, a 16-inch diameter casing, a depth of approximately 471 feet, and a wellhead elevation of approximately 400 feet. Water from Well No. 3 is chlorinated at the wellhead and pumped directly into the 0.4 MG Reservoir. The well was originally constructed in 1956 to a depth of approximately 385 feet and was increased to a depth of approximately 471 feet in 1960. This well had a production capacity of approximately 65 gpm in 1980, approximately 41 gpm in 1991, and a recorded production capacity of approximately 35 gpm in 2002. Due to the steadily declining water production rates, static water level data is being gathered on Well No. 3 to better assess the well's long term production potential.

Well Nos. 5 and 6

Well Nos. 5 and 6, also referred to as the Pruitt Wells, are located on private property near the intersection of SW 9th Street and SW Alder Street and are not owned by the City. The City has an agreement with the current property and well owners to purchase water from these wells during high water demand periods. Well No. 5 is capable of producing approximately 135 gpm of water. The well was constructed in 1977, has a 6-inch diameter casing, a depth of approximately 160 feet, and a wellhead elevation of approximately 220 feet. Well No. 6 is capable of producing approximately 135 gpm of water. The well was also constructed in 1977, has a 6-inch diameter casing, a depth of approximately 140 feet, and a wellhead elevation of approximately 220 feet. While other wells appear to have declining production yields, Well Nos. 5 and 6 appear to be producing consistent yields over time.

Well No. 9

Well No. 9, also referred to as the First Street Well, is located in the northwest section of the City near the intersection of SW First Street and Highway 99W. Extension of Time is needed for well No. 9. This well became operational in 2002 and has an 8-inch diameter casing, a depth of approximately 385 feet, and a wellhead elevation of approximately 220 feet. Water from Well No. 9 is chlorinated at the site and pumped directly into the lower pressure zone at a rate of approximately 145 gpm.

Well No. 10

Well No. 10, also referred to as the Alder Street Well, is located near the southern edge of the City limit boundary near the intersection of SW Alder Street and SW Niederberger Road. Extension of Time is needed for well No. 10. This well became operational in 1991 and has an 8-inch diameter casing, a depth of approximately 482 feet, and a wellhead elevation of approximately 180 feet. For approximately nine years following well construction it produced approximately 100 gpm. Recently static water levels in the vicinity of Well No. 10 appear to be declining along with the well's production capacity. The well discharge is currently throttled such that the well currently produces

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approximately 50 gpm. Water from Well No. 10 is chlorinated at the site and pumped into the lower pressure zone.

In-Active Groundwater Sources

The City holds water rights on three groundwater sources that are not currently connected to the City's water supply system and are not being utilized at this time. Extension of Time is needed for well Nos. 4 (River Well), 11 and 12. These wells will become incorporated into the City's water supply system to increase the overall supply source capacity over time as demand increases. The long term production rates of these wells are not currently known.

In-Active Surface Water Sources

Prior to the development of the City's current groundwater supply wells the City relied on surface water springs located west of the City. According to discussions with City staff these spring sources consist of small cast-in-place concrete catchment tubs and are maintained as a back-up supply. Additionally, the City is requesting an Extension of Time on the Willamette River Source that will be held for potential future needs.

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SALEM, OREGON**

Attachment "A"

City of Dundee, Oregon Existing Water Rights and Permits Surface Water

City Source Name	Application #	Permit #	Certificate #	OWRD Source Name	Use	Priority Date	Authorized Amount of Water cfs (gpm)	Max. Amount of Beneficial Water Use (gpm)	Use Limitations
Spring	9028	S5932	8781	A Spring, Harvey Creek	Municipal	6/20/1923	0.5 (224)	0	Held as an emergency water supply source
Spring	9028	S5932	8781	A Spring, Harvey Creek	Municipal	6/20/1923	0.5 (224)	0	Held as an emergency water supply source
Spring	12629	S8978	8817	A Spring 1, Harvey Creek	Municipal	3/25/1929	0.5 (22)	0	Held as an emergency water supply source
Spring	12629	S8978	8817	A Spring 1, Harvey Creek	Municipal	3/25/1929	0.5 (22)	0	Held as an emergency water supply source
Spring	12629	S8978	8817	A Spring 2, Harvey Creek	Municipal	3/25/1929	0.5 (22)	0	Held as an emergency water supply source
Spring	12629	S8978	8817	A Spring 2, Harvey Creek	Municipal	3/25/1929	0.5 (22)	0	Held as an emergency water supply source
Mossy Spring	18173	S13880	14654	Mossy Spring, Harvey Creek	Municipal	6/8/1939	0.007 (3)	0	Held as an emergency water supply source
Harvey Creek	22077	S17367	17145	Harvey Creek	Municipal	11/7/1946	0.25 (112)	0	Held as an emergency water supply source
Willamette River	58951	S44462	NA	Willamette River	Municipal	7/24/1979	4.0 (1795)	0	Source not yet developed. Source for potential future surface water treatment plant

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Attachment "A" Continued

City of Dundee, Oregon Existing Water Rights and Permits Ground Water

City Source Name	Application #	Permit #	Certificate #	OWRD Source Name	Use	Priority Date	Authorized Amount of Water cfs (gpm)	Max. Amount of Beneficial Water Use (gpm)	Use Limitations
Well 1	G6331	G6017	NA	Well 1 (meter)	Municipal	4/22/1974	0.22 (99)	53	Current pumping capacity is lower than the permitted rate
Well 2	G6331	G6017	NA	Well 3 (meter)	Municipal	4/22/1974	0.22 (99)	54	Current pumping capacity is lower than the permitted rate
Well 3 Deep Well	G1217	G1263	29157	Supply Well (meter)	Municipal	11/28/1958	0.18 (81)	35	Production capacity appears to be declining over time
Well 4 River Well	G6331	G6017	NA	Well 2 (meter)	Municipal	4/22/1974	0.26 (116)	0	Pumping, treatment and transmission facilities need to be installed prior to use
Old River Well	G6331	G6017	61759	Well 4 (abandoned)	Municipal	4/22/1974	0.27 (121)	0	Well has been abandoned
Well 7	G11866	G11058	NA	Well 7 (meter)	Municipal	10/31/1988	0.33 (148)	80	Current pumping capacity is lower than the permitted rate
Well 8	G12568	G12685	NA	Well 7A (meter)	Municipal	6/7/1991	0.334 (150)	130	
Well 9 1st Street	G12568	G12685	NA	1st Street Well	Municipal	6/7/1991	0.334 (150)	145	
Well 10 Alder Street	G12568	G12685	NA	Alder Street Well (meter)	Municipal	6/7/1991	1.114 (500)	50	Production capacity appears to be declining over time
Well 11	G14066	G12736	NA	Well 11	Municipal	5/19/1995	0.5 (225)	0	Pumping, treatment and transmission facilities need to be installed prior to use
Well 12	G14070	G13035	NA	Well 12 (Watershed)	Municipal	5/19/1995	0.5 (225)	0	Pumping, treatment and transmission facilities need to be installed prior to use

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APPENDIX A

Copy of Original Permit/Water Right Information Query Results

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WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

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PAGE 2

(1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

① (2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

② (a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement.

The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

Groundwater production shall be from the Columbia River Basalt, between 50 and 400 feet below land surface.

Within ONE YEAR of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

- ③ Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued December //, 1996

Martha O. Pagel
Martha O. Pagel, Director
Water Resources Department

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WATER RESOURCES DEPT
SALEM, OREGON

Application G-14070
Basin 02

Water Resources Department
Volume 18 OTTER CREEK & MISC
MGMT.CODE 7IG, 7IR

PERMIT G-13035
District 16

Water Rights Information Query Results

Owner(s) Information

CITY OF DUNDEE
PO BOX 220
DUNDEE OR 97115

Application(s)

Application	Received	
G 14070	05/19/1995	Map

Permit(s)

Permit	Signature	
G 13035	12/11/1996	Map

Certificate(s)

n/a

Claim(s)

n/a

Decree(s)

n/a

Order(s)

n/a

Transfer(s)

n/a

Misc. Info

Authority	File Location
	Salem

Document Process

n/a

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SALEM, OREGON

Point(s) of Diversion

Location (T-R-S-QQ)	DLC/Lot	Source	Tributary to	Max Rate	Rate	Max Acre Feet	Acre Feet	Legal Description	Rema
3.0S-3.0W-27-NWNE		WELL 12	HARVEY CR	0.5	0.5			185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27	

Uses from this Point of Diversion

Use	P/S	Priority Date	Start Date	End Date	Acres	Rate/Acre	Duty	Max Rate	Rate	Max Acre Feet	Acre Feet	Status	Remarks
MU	P	05/19/1995	1/1	12/31				0.5	0.5			NC	

Place of Use

Use	P/S	Priority Date	Location (T-R-S-QQ)	DLC/Lot	Acres	Status	Remarks
MU	P	05/19/1995	- - -			NC	WITHIN THE CITY OF DUNDEE SERVICE AREA

[View Water Rights in same Family](#)

[Return to the Water Right Information search screen](#)

Phillip C. Ward, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

WATER SYSTEM MASTER PLAN

FOR

CITY OF DUNDEE

SEPTEMBER 2003



EXPIRES
6/30/04



EXPIRES: 12-31-03

Prepared by:

MURRAY, SMITH & ASSOCIATES, INC.
Engineers/Planners
121 SW Salmon, Suite 900
Portland, Oregon 97204

In association with:
GROUNDWATER SOLUTIONS, INC.
3758 SE Milwaukie Ave.
Portland, OR 97202

And:
FINANCIAL CONSULTING SOLUTIONS
GROUP, INC.
8642 154th Ave. NE
Redmond, WA 98052

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SALEM, OREGON

Table D-1
City of Dundee
Water Rights Summary

City Source Name	Oregon Water Resources Department Source Name	Permit Rate (cfs) (gpm)	Pump Capacity (gpm)	Application Number	Permit Number	Certificate Number	Status or Recommendation	Priority Date	Point of Use Identification	Use	Township Range & Section	1/16 Section
Spring	A Spring, Harvey Creek	0.5 (224)	0	9028	S5932	8781	Complete	6/20/23	11394	MU-A	3S.3W.27	NW NE
Spring	A Spring, Harvey Creek	0.5 (224)	0	9028	S5932	8781	Complete	6/20/23	11396	MU-P	3S.3W.27	SE NW
Spring	A Spring 1, Harvey Creek	0.5 (22)	0	12629	S8978	8817	Complete	3/25/29	11386	DO-P	3S.3W.27	NW NE
Spring	A Spring 1, Harvey Creek	0.5 (22)	0	12629	S8978	8817	Complete	"	"	IM-A	3S.3W.27	NW NE
Spring	A Spring 2, Harvey Creek	0.5 (22)	0	12629	S8978	8817	Complete	3/25/29	11387	DO-A	3S.3W.22	SW SE
Spring	A Spring 2, Harvey Creek	0.5 (22)	0	12629	S8978	8817	Complete	"	-	IM-A	3S.3W.22	SW SE
Mossy Spring	Mossy Spring, Harvey Creek	0.007 (3)	0	18173	S13880	14654	Complete	6/8/39	11395	DO-P	3S.3W.27	NW NE
Harvey Creek	Harvey Creek	0.25 (112)	0	22077	S17367	17145	Complete	11/7/46	11388	MU-P	3S.3W.22	SW SE
Willamette River	Willamette River	4.0 (1795)	0	58951	S44462	-	Extension application due 9/03	7/24/79	30162	MU-P	3S.2W.30	SW SW
Well 1 Watershed	Well 1 (meter)	0.22 (99)	53	G6331	G6017	-	Extension application due 9/03	4/22/74	30158	MU-P	3S.3W.27	NW NE
Well 2 Watershed	Well 3 (meter)	0.22 (99)	54	G6331	G6017	-	Extension application due 9/03	4/22/74	30160	MU-P	3S.3W.27	NW NE
Well 3 Deep Well	Supply Well (meter)	0.18 (81)	35	G1217	G1263	29157	Complete	11/28/58	29157	MU-P	3S.3W.26	SW NE
Well 4 River Well	Well 2 (meter)	0.26 (116)	0	G6331	G6017	-	Extension application due 9/03	4/22/74	30159	MU-P	3S.2W.30	SW SW
Old River Well	Well 4 (abandoned)	0.27 (121)	0	G6331	G6017	-	Extension application due 9/03	4/22/74	30161	MU-P	3S.3W.36	NE NE
Well 5 Pruitt	Well 5 (meter)	0.30 (135)	135	G10904	G10148	61759	Complete	3/24/83	11389	MU-P	3S.3W.26	NW SE
Well 6 Pruitt	Well 6 (meter)	0.30 (135)	135	G10904	G10148	61759	Complete	3/24/83	11390	MU-P	3S.3W.26	NW SE
Well 7 Watershed	Well 7 (meter)	0.33 (148)	150	G11866	G11058	-	Claim submitted 10/15/94	10/31/88	21048	MU-P	3S.3W.27	NW NE
Well 8 Watershed	Well 7A (meter)	0.334 (150)	140	G12568	G12685	-	Recommend submitting final proof survey	6/7/91	-	MU-P	3S.3W.27	NW NE
Well 9 1st Street	1st Street Well	0.334 (150)	145	G12568	G12685	-	Recommend submitting final proof survey	6/7/91	-	MU-P	3S.3W.25	SW NW
Well 10 Alder Street	Alder Street, Well (meter)	1.114 (500)	50	G12568	G12685	-	Extension application due 9/03	6/7/91	-	MU-P	3S.3W.35	NW NE
Well 11 Watershed	Well 11	0.5 (225)	-	G14066	G12736	-	Extension application due 9/03	5/19/95	-	MU-P	3S.3W.27	NW NE
Well 12 Watershed	Well 12 (Watershed)	0.5 (225)	-	G14070	G13035	-	Submit claim after construction	5/19/95	-	MU-P	3S.3W.27	NW NE

9.67 cfs 897 gpm
2.0 cfs
Well 10 - Historically pumped 100 gpm throttled to 50 gpm
Well 9 = 100 gpm
Well 8 = 31 + 32 + 11 + 11
Current use under G-2568

Table 3-2
Historical and Current Population Summary

Year	Population
1970	588
1980	1,223
1990	1,663
2000	2,598
2001	2,670
2002	2,770
2003	2,882

Table 3-3 summarizes estimates of the existing population and DUs within each pressure zone.

Table 3-3
Existing Population and Equivalent Dwelling Units Summary

Pressure Zone	Area (acres)	Equivalent Dwelling Units	Population
Upper Zone	23.4	45	125
Intermediate Zone	86.5	200	560
Lower Zone	374.3	785	2,197
Total	484.2	1,030	2,882

Population Forecast

As part of on-going population forecasting efforts, population projections have been developed and summarized in Table 3-4. In 1998 the City had approximately 270 acres of net buildable land available within the UGB. Using the established planning densities of 4 lots per acre for R1 zoning, 5 lots per acre for R2 zoning, 9 lots per acre for R3 zoning, 5 lots per acre as an assumed value for the agricultural area, and an occupancy rate of 3 people per lot, the saturation development population is projected to be 6,350.

Table 3-4
Saturation Development Population Projection Summary

Zoning Designation	Net Buildable Land (acres)	Estimated Population
1998 Baseline Population	-	2,383
R-1	39.1	469
R-2	5.0	75
R-3	5.9	159
Residential/Agricultural	217.6	3,264
Saturation Development		6,350

Dundee County's Transportation System Plan (TSP) projects a City population of approximately 9,127 in 2020 using a growth rate of 5.76%. The Oregon Office of Economic Development (OEA) has estimated Yamhill County's population to be 119,589 in the year 2020 and Dundee's population being only 1.7% of Yamhill County's population or approximately 2,000. Taking into consideration historical growth rates, TSP growth estimates, OEA growth estimates and the available buildable land within the existing UGB, the City has adopted a population of 5,750 in the year 2020. This correlates to a growth rate of 4.05% between the 2002 census population and the adopted 2020 population, which will be used for population forecasts. Table 3-5 presents a population forecast summary.

Table 3-5
Population Forecast Summary

Year	Population
2002	2,770
2003	2,882
2008	3,515
2013	4,286
2018	5,228
2020	5,750
2023 (UGB Saturation Development)	6,350

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SALEM, OREGON

For system planning purposes, it is prudent to use the saturation development forecasting methodology. This methodology provides for the most economical development of water infrastructure improvements by assuming full occupancy at saturation development conditions allowing for actual development to progress without incurring costs for facility duplication.

Land Use and Population Estimates

Land use and population estimates were developed from a review of historical water consumption data provided by the City and regional population forecasts specifically designed to reflect the water service area.

Water Use

"Water demand" refers to all the water requirements of the system including residential, commercial, municipal, institutional and industrial as well as unaccounted-for demands. Demands are discussed in terms of gallons per unit of time such as gallons per day (gpd), million gallons per day (mgd) or gallons per minute (gpm). Demands are also related to population as gallons per capita per day (gpcd). The City of Dundee maintains records

of historical monthly water usage by customers. Table 3-6 summarizes this data for the years 1999 through 2002.

Existing Water Demands

Based on historical water usage patterns and historical population, the water service area's average daily demand has been approximately 0.4 million gallons per day (mgd) with a per capita consumption of approximately 145 gallons per capita per day (gpcd). Recent maximum daily water demand usage, has been as high as approximately 0.95 mgd in 2000. This is equivalent to a maximum per capita usage of approximately 366 gpcd.

Table 3-6
Historical Water Use Summary

Year	Water Service Area Population	Water Demand (mgd)	
		Average Day Demand	Maximum Day Demand
1999	2,478	0.41	0.91
2000	2,598	0.43	0.95
2001	2,670	0.38	0.69
2002	2,770	0.38	0.81

Water Demand Projections

Future water demand estimates were developed by projecting historical flows using the same relative growth as the population. As growth continues, both residential infill and zoning expansions are expected, resulting in an increased population density and an overall water demand. For the purposes of this plan, estimated average daily water usage is assumed to remain constant at approximately 145 gpcd.

Dundee's water demand patterns have varied greatly over the past few years. Historical maximum day per capita usage has been as low as 260 gpcd and as high as 360 gpcd. As conservation plays an increasing role in water usage patterns, it is anticipated that Dundee's maximum daily per capita usage can ultimately be maintained at approximately 320 gpcd, even in drought years.

For the purposes of this study, future maximum day per capita usage is estimated at approximately 320 gpcd. Estimated average and maximum day water demands are developed by multiplying the estimated per capita usage by the anticipated population for that year. To provide an estimate of peak hourly usage, a factor of 1.5 was applied to the estimated maximum day water demands. This is consistent with water demand patterns of

OREGON WATER RESOURCES DEPARTMENT
GROUND WATER REVIEW: MUNICIPAL PERMIT EXTENSION OF TIME

Date: February 24, 2006

To: Water Rights Section

From: Donn Miller, Staff Hydrogeologist

Extension Review for File # G- 14070 / Permit # G- 13035

The undeveloped portion of this permit has been evaluated under the Department's 690-09 rules and Was ☐ / **was not** ☒ found to have the Potential for Substantial Interference with surface water. The evaluation was conducted pursuant to OAR 690-315. Forward files found to have the potential for substantial interference to Oregon Department of Fish and Wildlife.

Undeveloped Portion of Permit in CFS: _____

Estimate of impact and location of evaluation (River mile or PLS)

Stream depletion occurs over a stream reach. Depletion can be variable due to the presence or absence of confining layers within the aquifer. The majority of the impact will extend over a reach twice the distance between the well and the stream.

Stream: _____

Location _____

Days of Pumping

30	60	90	120	150	180	210	240	270	300	330	360

Interference in CFS

Stream: _____

Location _____

Days of Pumping

30	60	90	120	150	180	210	240	270	300	330	360

Interference in CFS

Stream: _____

Location _____

Days of Pumping

30	60	90	120	150	180	210	240	270	300	330	360

Interference in CFS

Municipal/Quasi-Municipal Extension of Time Review

TO: Water Rights Section Date 2/24/2006

FROM: Ground Water/Hydrology Section Donn Miller
Reviewer's Name

SUBJECT: File G- 14070 Supersedes review of none for extension
Date of Review(s)

Criteria for Department Review of Extension Applications for Municipal and Quasi-Municipal Water Use Permits (Ground Water)

OAD 690-315-0080 (2)(c): For ground water permits submitted to ODFW under this rule (permits determined to have the potential for substantial interference), the Department shall provide to ODFW and the applicant the Department's estimate of surface water impacts that would result from the use of the undeveloped portion of the ground water permit. This review is based upon available information and agency policies in place at the time of evaluation.

A. GENERAL INFORMATION: Applicant's Name: City of Dundee County: Yamhill

Applicant(s) seek(s) 0.5 cfs from one well(s) in the Willamette Basin,
Harvey Creek subbasin Quad Map: Dundee

Proposed use: municipal Seasonality: year round

Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	To be built	12	CRB	0.5	T3S/R3W-S27 NW 1/4 of NE 1/4	185'S, 1885' W fr NE cor S 27
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	480	---	---	---	---	---	---	---	---	---	---	---

Use data from application for proposed wells.

Comments: The application contains no proposed well construction details other than location. The permit specifies a CRB aquifer target for development between 50 to 400 feet below land surface. The well is not built but an "exploratory well" nearby was constructed and tested in 2005. It is not clear exactly what that well (YAMH 54149) means for this permit. A well that develops the target interval will probably have a SWL that is similar to those at the city's developed wells nearby. That means a level that is highly similar to the elevation of Harvey Creek nearby.

☐ Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: N/A

GROUND WATER/SURFACE WATER CONSIDERATIONS. OAR 690-09-040

690-09-040 (1): Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	CRB	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: CRB stratigraphy and aquifers lends itself to confined conditions. Aquifers occur between successive lava flows with dense centers acting as confining layers and rubly tops/bottoms serving as porous and permeable water bearing zones.

690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Harvey Creek	E450'	450'	100'	☐	☒	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: Using the classical approach of a confined aquifer and the required well construction, the shallowest aquifer with a dip of 5-10 degrees to the east will not daylight in Harvey Creek either upstream or downstream. The head at the well is estimated based on other Dundee wells nearby. Those data suggest a strong element of hydraulic connection or strong coincidence.

Water Availability Basin the well(s) are located within: Willamette River above Molalla River

690-09-040 (4): Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1	1	☐	☐	N/A	N/A	☐	N/A	☐	N/A	☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

690-09-040 (4): Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

	SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		☐			☐		☐		☐
		☐			☐		☐		☐
		☐			☐		☐		☐
		☐			☐		☐		☐

Comments: N/A

690-09-040 (5): Estimated impacts on hydraulically connected surface water sources greater than one mile as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

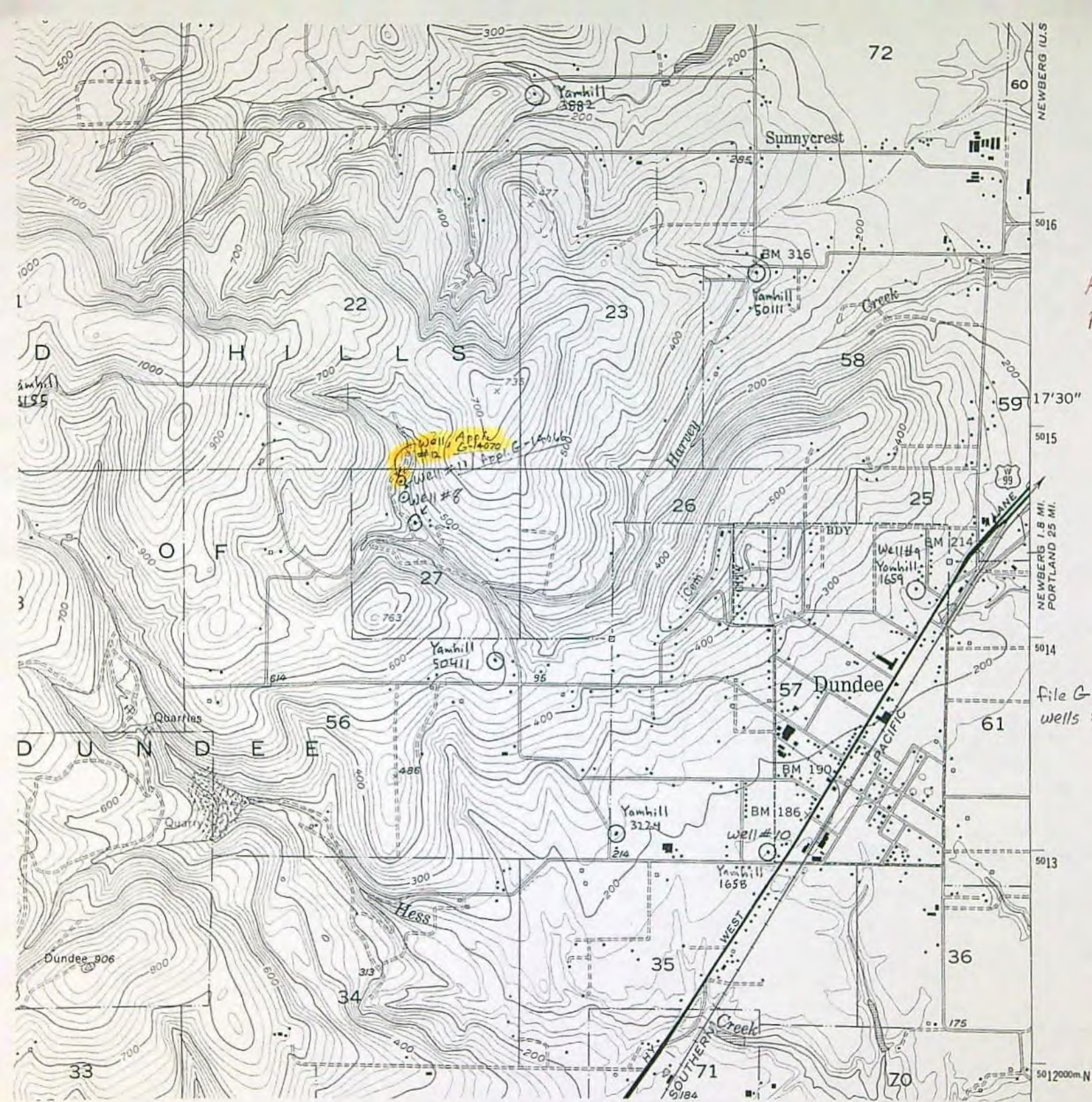
Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Total Interf. CFS													

Comments: N/A

Extension Review Remarks / Conditions: The hydraulic connection with Harvey Creek may be modeled with regard to the exposure (daylighting) of the water-bearing zones at the well. This classical approach is conservative with respect to the presence/strength of hydraulic connection with nearby streams. On that basis using a dip of 5-10 degree east, even the shallowest water-bearing zone will not daylight upstream or downstream of the well.

Attach estimates of surface water impacts to this review

References Used: OWRD GW Report #27, USGS SIR 2005-5168, File G-14066 with extension materials



City of Dundee
Well #12

Application G-14070
Permit G-13035

File G-1256B
wells 8,9+10

State of Oregon
Water Resources Department

Interoffice Memorandum

February 9, 2006

To: Water Rights File G-14070
From: Ground Water Hydrology Section (Sabrina White)
Subject: Status of wells listed as POAs on Permit G-13035

Summary:

Original Application

App #	Permit #	Well Log	Owner's Well Name
G-14070	G-13035	NOT DRILLED	WELL 12

AN EXPLORATORY WELL WAS SCHEDULED FOR 2005. THE CITY PLANS TO DRILL THE PRODUCTION WELL IN 2006/2007.

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WATER RESOURCES DEPT.
SALEM, OREGON

WATER RIGHTS MAP

FOR

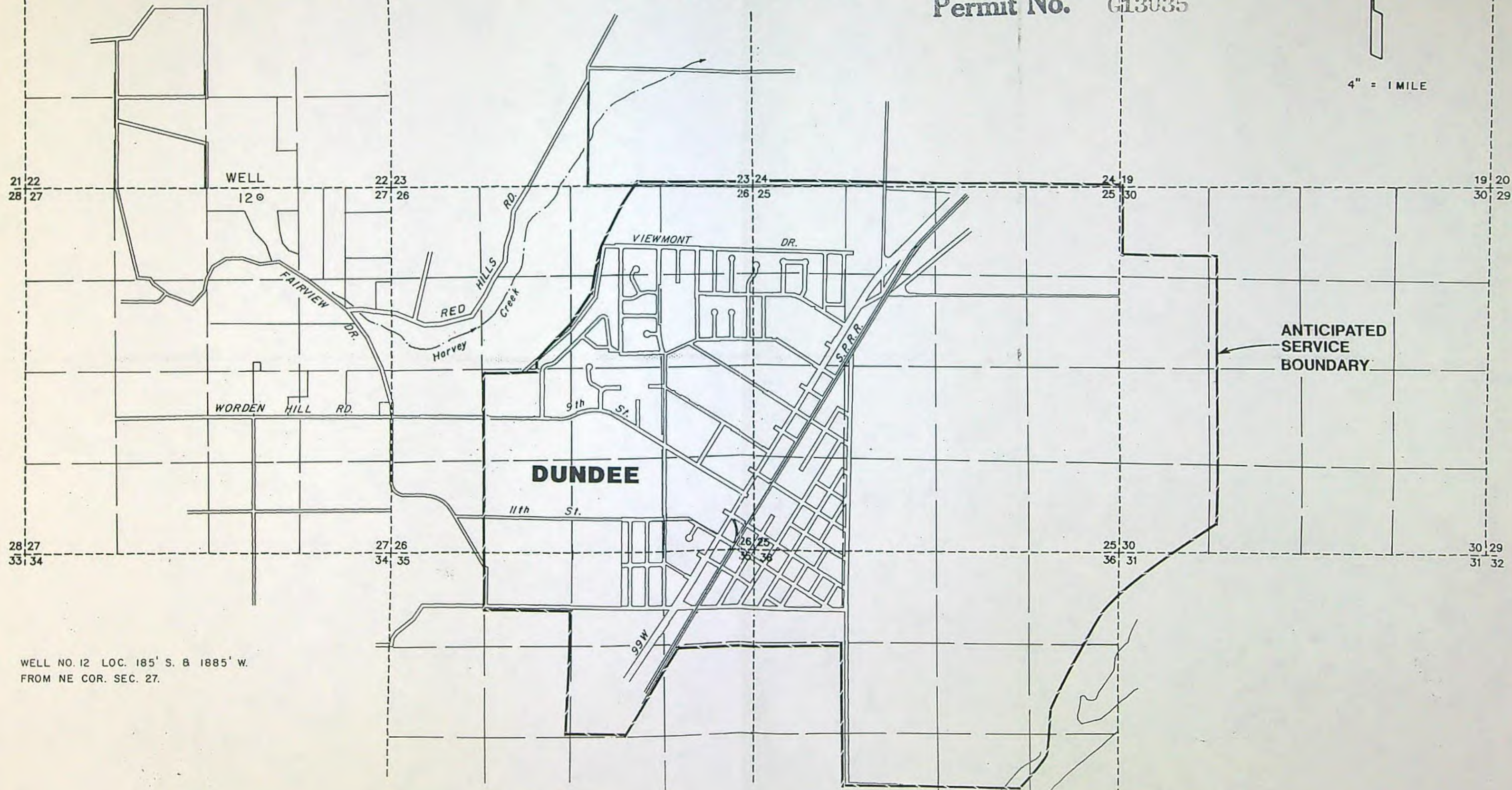
CITY OF DUNDEE

T. 3 S., R. 2 - 3 W., W. M.

Application No. G-14080
Permit No. G13035



4" = 1 MILE



WELL NO. 12 LOC. 185' S. & 1885' W.
FROM NE COR. SEC. 27.

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MAY 19 1995

WATER RESOURCES DEPT.
SALEM, OREGON

WATER RIGHTS MAP

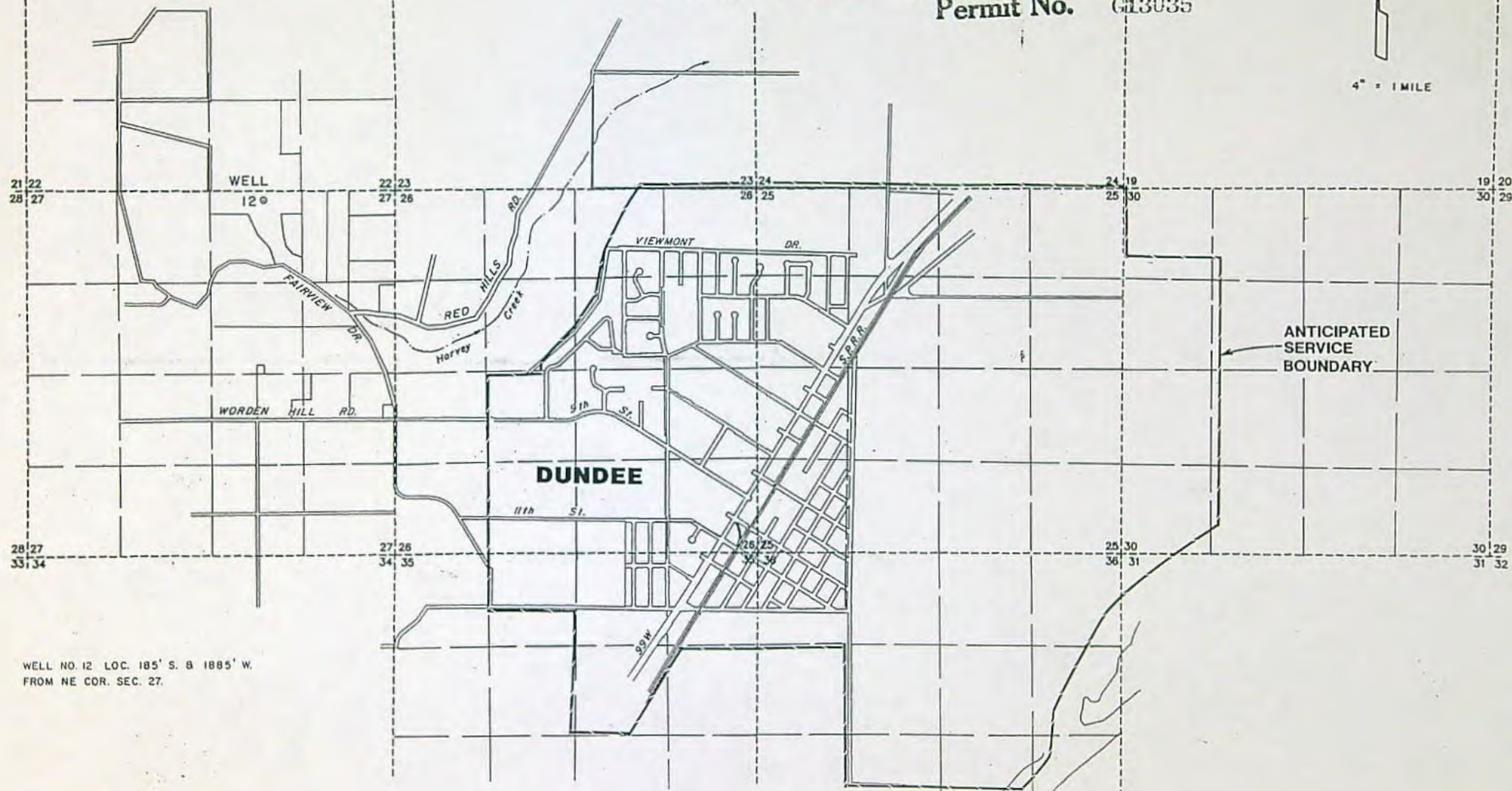
FOR
CITY OF DUNDEE

T.3 S., R.2-3 W., W.M.

Application No. *G-1400*
Permit No. *G13035*



4" = 1 MILE



WELL NO. 12 LOC. 185' S. & 1885' W.
FROM NE COR. SEC. 27.



Murray, Smith & Associates, Inc.
Engineers/Planners

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WATER RESOURCES DEPT
SALEM, OREGON

121 S.W. Salmon, Suite 900 ■ Portland, Oregon 97204-2919 ■ PHONE 503.225.9010 ■ FAX 503.225.9022

04-0706.401
December 23, 2004

Water Rights Section
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271

Re: City of Dundee Water Rights
Applications for Extensions of Time

Transmitted herewith are Applications for Extension of Time for the following water rights on behalf of the City of Dundee:

- Application S-58951, Permit S-44462, Willamette River
- Application G-6331, Permit G-6017, Wells No. 1, No. 2, No. 3, and No.4
- Application G-12568, Permit G-12685, Well No. 7A, 1st St. Well, and Alder St. Well
- Application G-14066, Permit G-12736, Well No. 11
- Application G-14070, Permit G-13035, Well No. 12

These applications all supplement previously submitted applications for extension of time that were not processed by the Water Resources Department while the new rules for extensions of time for municipal water rights were being developed. Enclosed is a check in the amount of \$1,250.00 for the five above referenced applications. Please let us know if any additional fees are required.

Sincerely,

MURRAY, SMITH & ASSOCIATES, INC.

Jeff S. Jones, P.E.

cc w/enc: Alan Mustain, City of Dundee

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

The specific limits for the use are listed below of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

*Tributary is
Harvey Cr.*

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

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- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

(1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement.

The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

Groundwater production shall be from the Columbia River Basalt, between 50 and 400 feet below land surface.

Within ONE YEAR of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

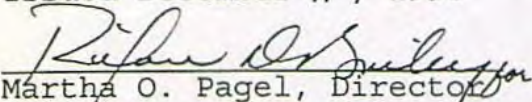
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued December //, 1996


Martha O. Pagel, Director
Water Resources Department

Application G-14070
Basin 02

Water Resources Department
Volume 18 OTTER CREEK & MISC
MGMT.CODE 7IG, 7IR

PERMIT G-13035
District 16

Permit Extension Ground Water Review

Date: 2/27, 2006
To: Doug Woodcock, Ground Water Section Manager
From: Dana Miller, Permit Extension Review
Subject: Ground Water Review for File #G- 14070 / Permit #G- 13035
(Date permit issued: Dec 11, 1996)

The above referenced permit is currently being reviewed for an extension of time. Before I can determine whether or not an extension of time should be granted, a Ground Water review for this file is necessary. Special designations affecting this permit are as follows:

NOTE: Original Division 9 review completed by: _____

- ☐ Located within a Ground Water Administrative Area (Critical, Limited, etc.) _____
- ☐ 5-Year Limited Permit
- ☐ Other: _____
- ☒ None (no special designations)

For Ground Water / Hydrology Staff Use:

Please answer the following questions. If necessary, attach an additional sheet.

DW
2/27/06

1. Does the ground water source under this permit have the potential for substantial interference with surface water? No
[NOTE: Applies ONLY to Municipal permits issued before November 2, 1998 - see OAR 690-315-0080(1) & (2)]
2. Should any additional conditions be added to this permit? No
3. Should the extension of time request be **DENIED** due to ground water supply concerns? No
[NOTE: Does NOT apply to Quasi-Municipal or Municipal permits issued on or before November 2, 1998 - see OAR 690-315-0080(5)]
4. Should the Department establish a new reference level for water level declines due to the failure of permittee to submit annual measurements? No
5. Other issues or concerns? _____

STATE OF OREGON

COUNTY OF YAMHILL

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The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

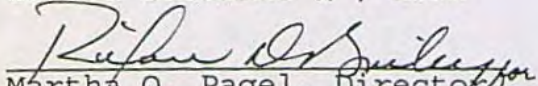
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued December //, 1996


Martha O. Pagel, Director
Water Resources Department

Application G-14070
Basin 02

Water Resources Department
Volume 18 OTTER CREEK & MISC
MGMT.CODE 7IG, 7IR

PERMIT G-13035
District 16

TO: Water Rights Section

March 12, 1996

FROM: Groundwater/Hydrology Section

Don Miller

Reviewer's Name

SUBJECT: Application G-14070

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's ~~is~~ is not within 1/4 feet/mile of a surface water source () and taps a groundwater source hydraulically connected to the surface water. OAR 690-502-160 (2)(c) - N/A
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. will, or have the potential for substantial interference with the nearest
 - b. will not surface water source, namely ; or
 - c. X will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 71;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. X The permit should be conditioned as indicated in item 4 below; or
 - d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. will, or likely be available in the amounts requested without injury to prior rights
 - b. will not and/or within the capacity of the resource; or
 - c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. X The permit should contain condition #(s) 71;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
4.
 - a. THE PERMIT should allow groundwater production from no deeper than ft. below land surface;
 - b. X The permit should allow groundwater production from no shallower than 50 ft below land surface;
 - c. X The permit should allow groundwater production only from the Columbia River Basalt groundwater reservoir between approximately 50 ft and 400 ft below land surface;
 - d. Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:

(Well Construction Considerations on Reverse Side)

14070

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ☐ review of the well log;
 - b. ☐ field inspection by _____;
 - c. ☐ report of CWRE _____;
 - d. ☐ other: (specify) _____
6. THE WELL construction deficiency:
- a. ☐ constitutes a health threat under Division 200 rules;
 - b. ☐ commingles water from more than one groundwater reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more groundwater reservoirs;
 - e. ☐ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ☐ was, or constructed according to the standards in effect at the time of
 - b. ☐ was not original construction or most recent modification.
 - c. ☐ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ☐ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ☐ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ☐ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199____.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199____.
(Signature)

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-14070

ROUTED TO: WR

TOWNSHIP/

RANGE-SECTION: 35/3W-27

APPLICATION ACCEPTED? ☐ yes ☐ no

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Donna M. Allen

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files

Date 3/12/96

FROM: Don Miller

SUBJECT: Groundwater Application G- 14070

Phone: 503-538-6700

Name: City of Dundee (Denny Muchmore)

Applicant(s) seek 225 gpm (0.5 cfs) from one well(s) in the

Proposed use: Municipal

Willamette

basin

Chehalis CK

sub basin

Harvey CK

sub basin.

Pertinent 7 1/2 - minute quads

Dundee

Well # 12 WRD # Proposed T 3S R 3W S 27 QQ abab County Yamhill

Legal Description 185'S + 1885'W from NE corner Section 27

Well is 50' +/- ft from Harvey CK. (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation 480 ft River/stream elevation 470 +/- ft.

Well elevation - river/stream elevation 10' +/-

Well depth _____ SWL _____ on _____

Sealed to _____ Depth first water found _____

Cased to _____ Perforations/screens _____

Lined to _____ Perforations/screens _____

Well tests and types

Confined or unconfined? Confined? Hydraulically connected? NO?

Potential to cause substantial interference? NO?

No
info
on
Appl.

Well _____ WRD # _____ T _____ R _____ S _____ QQ _____ County _____

Legal Description _____

Well is _____ ft from _____ (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation _____ ft River/stream elevation _____ ft.

Well elevation - river/stream elevation _____

Well depth _____ SWL _____ on _____

Sealed to _____ Depth first water found _____

Cased to _____ Perforations/screens _____

Lined to _____ Perforations/screens _____

Well tests and types

Confined or unconfined? _____ Hydraulically connected? _____

Potential to cause substantial interference? _____

Conditioned water rights in area: NO

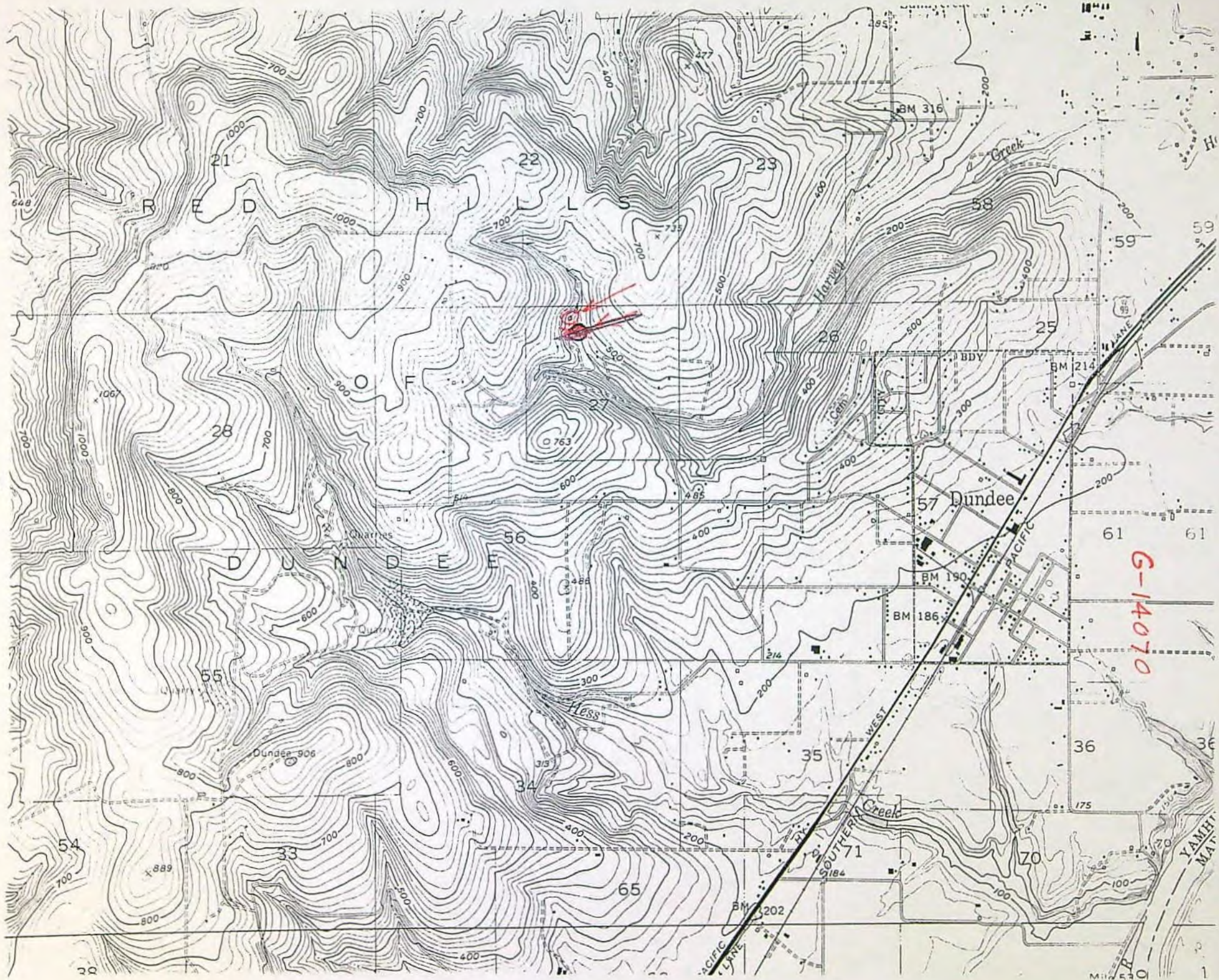
Other nearby water rights of record: YES, City's own

Density of nearby wells of record: low/moderate

Comments: This application & its analysis are essentially identical to G-14066.

The city continues to develop a wellfield in this area of Section 27 along Harvey CK. There has been good success and expansion continues. The shallow SWL's, proximity to the creek, and apparent lack of declines suggests to me that the basalts and wells may be hydraulically connected to the creek. Prescribing a 50' case/seal (no development interval) will help prevent nearby connection per Division 09.

References used: OWRD GW Rpt #27, files G-11866 & G-6331 & G-14066



6-14070

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14070

Final Order

Application History

On May 19, 1995, CITY OF DUNDEE submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on July 2, 1996. The protest period closed August 16, 1996, and no protest was filed.

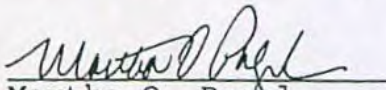
The proposed use would not impair or be detrimental to the public interest.

Order

Upon payment of outstanding permit recording fees, Application G-14070 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

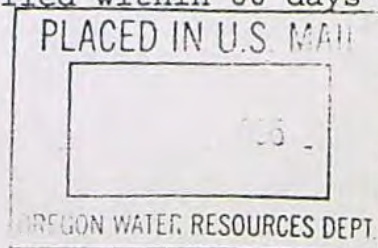
Permit recording fees are required in the amount of \$ 100.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order will result in the proposed rejection of Application G-14070.

DATED September 11, 1996


Martha O. Pagel
Director

Appeal Rights

Under the provisions of ORS 183.484, the applicant may appeal this order by filing a petition for review in the Circuit Court for Marion County or the circuit court for the county in which the applicant resides or has a principal business office. The petition for review must be filed within 60 days after the date this order is served.



STATE OF OREGON
COUNTY OF YAMHILL

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

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{DATE}

DRAFT

Martha O. Pagel, Director
Water Resources Department

Application G-14070

COPY CHECK-OFF SHEET FOR PROPOSED FINAL ORDERS

CC: FILE # G-14070

WATERMASTER # 16

REGIONAL MANAGER: NWR

ODF&W - Yamhill County:

CWRE (if agent):

DEQ

OTHER STATE AGENCY IF NECESSARY:

DIVISION 33 LIST: COLUMBIA RIVER INTERTRIBAL FISH COMMISSION; U.S. FISH & WILDLIFE;
(CHECK ONLY IF APPLICABLE) NORTHWEST POWER PLANNING COUNCIL & NATIONAL MARINE FISHERIES

POWER BUILDER UPDATER; FRONT COUNTER

OTHER ADDRESSES OF PEOPLE WHO PAID THE \$10 FEE:

PEOPLE WITH OBJECTIONS, COMMENTS OR REQUESTED COPY W/O \$10 (SEND THE \$10 LETTER):

Schneider drilling CO.,

CASEWORKER : RWK

FILE # G-14070**FO CHECKLIST**REVIEW DATE: 8/21/96WEEK # 49

PFO TO FO CONVERSION

INITIALS: JTG

In preparing the FO, you should check the following:

1. Y / ☒ Were comments or protests received in response to the PFO?
2. ☒ If #1 = "Y", from whom were the comments received and when?
3. ☒ Verify names and addresses on the PFO CC list. **ALL** commentators (regardless of comment date), affected landowners (were they notified?), and those who paid the \$10 fee should be listed.
4. \$100 Verify payment of recording fees (circle the appropriate option)
(1) Issue FO w/permit if fees are paid -- Prepare refund request for excess fees, including standing fees if no protest is filed and no modifications are being made to the PFO
(2) ☒ Issue FO w/o permit if fees are lacking
5. Y / ☒ Is the file lacking a signed oath of accuracy for the application?
6. Y / ☒ Has ODFW asked for self certification on screening condition?
7. Y / ☒ Is water use prohibited for one or more months of the normal use period?
8. Y / ☒ If #6 = "Y", is short season letter on file? Note: If short season letter is lacking prepare FO with Draft permit giving applicant 60 days to submit letter.
9. ☒ / N Is further processing possible? If not state reason: _____
10. _____ Notify applicant of additional information or fees required prior to permit issuance (**SEND CERTIFIED LETTER** & use standard wording from M:\T\FO\TOOLS if possible)
11. _____ Assign permit numbers to files with oath, fees, and no protests or other issues

DENIAL
LARRYFO w/o PERMIT
JERRYRoute to: (circle one)
FO & PERMIT
JEREMYCOMMENTS
DOUGInitials JTG

Modify FO as needed to:

12. ☒ Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
13. ☒ Include or exclude permit conditions and management codes
14. ☒ Correct PFO errors (such as POD or POU location (verify from map), Permit format)

Once FO document is completed:

15. ☒ Save WordPerfect document in M:\T\FO\WEEK 49 & delete duplicates
16. ☒ Print final draft of document and submit to team leader for review
17. ☒ / N Team leader review completed

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14070

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On May 19, 1995, CITY OF DUNDEE submitted an application to the Department for the following water use permit:

- Amount of Water: 0.5 CUBIC FOOT PER SECOND
- Use of Water: MUNICIPAL USE
- Source of Water: WELL 12 IN OTTER CREEK BASIN
- Area of Proposed Use: Yamhill County within SECTION 30, SECTION 31, TOWNSHIP 3 SOUTH, RANGE 2 WEST, W.M., SECTION 25, SECTION 26, SECTION 35, SECTION 36, TOWNSHIP 3 SOUTH, RANGE 3 WEST, W.M.

On MARCH 21, 1996, the Department mailed the applicant notice of its Initial Review, determining that the use of 0.5 CFS from a WELL may be allowed YEAR ROUND. The applicant did not notify the Department to stop processing the application within 14 days of that date.

On APRIL 9, 1996, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Willamette Basin Program allows the following uses: MUNICIPAL USE
WELL 12 IN OTTER CREEK BASIN is not within or above a State Scenic Waterway.

Water is available for further appropriation (at an 80 percent exceedance probability) YEAR ROUND.

The Department finds that no more than 0.5 CFS would be necessary for the proposed use. The amount of water requested, 0.5 CUBIC FOOT PER SECOND, is allowable.

The Department determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there is NOT a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Willamette Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with rules of the Water Resources Commission.

The proposed use complies with the State Agency Agreement for land use.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
 - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

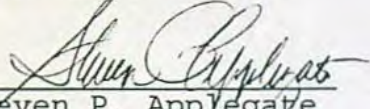
In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED July 2, 1996


Steven P. Applegate
Administrator
Water Rights and Adjudications Division

Protest Rights

Under the provisions of ORS 537.621(7), you have the right to submit a protest against this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050.
- If you are the applicant, a statement of whether or not you are requesting that a contested case hearing be held. If you do not request a hearing, the Department will presume that you do not wish for a hearing to be held.

Your protest must be received in the Water Resources Department no later than August 16, 1996.

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

RWK

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF YAMHILL

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503)538-6700

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14070

SOURCE OF WATER: WELL 12 IN OTTER CREEK BASIN within the Willamette basin

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CFS

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: May 19, 1995

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SECTION 27, T 3S, R3W, W.M.;
185 FEET SOUTH & 1885 FEET WEST FROM NE CORNER, SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE SERVICE BOUNDARIES OF THE CITY
TOWNSHIP 3 SOUTH, RANGE 2 & 3 WEST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

(1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

Groundwater production shall be from the Columbia River Basalt, between 50 and 400 feet below land surface.

Within 1 YEAR of permit issuance, the permittee shall submit a water management and conservation plan consistent with OAR Chapter 690, Division 86.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Application G-14070

Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

Water Resources Department
Director

Application G-14070
Basin 02
RWK

Water Resources Department
Volume 18 OTTER CREEK & MISC
MGMT.CODE

PERMIT DRAFT
District 16

Date: Mon, 24 Jun 1996 10:53:24 -0700
X-Sender: klasserw@mailhub.wrd.state.or.us
To: Russell.W.KLASSEN@wrdd.state.or.us
From: klasserw@wrdd.state.or.us (Russell W. Klassen)
Subject: mock pub City of Dundee
X-UIDL: a1e02ea3722125cc4908e45ec29ffaf3

Public Notice Advertising Request

Telephone Number: (503) 378-8455 ext. 266 Fax: 378-6203
Department: Water Resources
Division: Water Rights

Special Instructions: Run ad once per week for three consecutive weeks

Publication Information:

Run date: Next Available

Keyword:

Type of Ad: Individual Ad

Copy:
STATE OF OREGON
WATER RESOURCES DEPARTMENT
PUBLIC NOTICE OF WATER USE REQUESTS
Regarding Application G-12568, G-14066, G-14070

The Oregon Water Resources Department is evaluating the requests by City of Dundee to use 799, 225, and 225 gallons per minute of the waters of 3, 1, and 1 wells respectively for municipal purposes. The proposed place of use is located within Yamhill County, Township 3 South, Range 3 West, W.M. This process is to determine if the request is in compliance with state water laws and regulations. Public participation and comment is encouraged.

ORS 537.130 (3) requires notice to all affected landowners and ORS 537.130 (4) allows the Department to make this notice through publication in a local newspaper if there are more than 25 landowners involved.

For further information contact the Water Resources Department Water Rights Information Group at 1 (800) 624-3199 ext. 499. Written requests may be addressed to the Oregon Water Resources Department at 158 12th St NE Salem, Oregon 97310-0210

PFO MUNI & Q-MUNI CHECKLIST

Application #: C 14070 Vol 18 Subbasin Otter Creek & Misc

Basin: 2 WAB: _____

Township 35 Range 34 Section 27 1/4 1/4 NW NE

- ☒ 1. Completeness checklist verified? Y / N
 - ☒ a. Form M Y / N Proj peak flow 2 cfs Existing permitted cfs 6.94 Current pop 2200 Project pop 3600
 - ☒ b. \$ for public notice Y / N
 - ☒ 2. Indicators that the process should not continue (ie - protest, items missing, letter to file indicating hold, other) Y / N
 - ☒ 3. Groundwater review A B C D _____
 - ☒ a. Is second groundwater review necessary? Y / N reason _____
 - ☒ b. Is the well located in a groundwater limited area? Y / N
 - ☒ 4. SWW Y / N Triage Y / N conditions/restrictions Y / N _____
 - ☒ 5. Basin Program limitations? Y / N _____
 - ☒ 6. Withdrawn? Y / N season allowed _____
 - ☒ 7. Basin Maps have been checked. Y / N The River Mile is _____
 - ☒ 8. Water Availability (50% < July 17, 1992 OR 80% [50% storage] > July 17, 1992) NA
 - a. Notify Ken Stahr Y / N (Q, Duty, or Season) _____
 - ☒ 9. Rate/Duty/Season .5 cfs
 - ☒ 10. Use MUNI Period of Allowed Use 1/2 Rnd
 - ☒ 11. Priority Date(s) 5/19/95 TR / IR mail date 3/21/96 (4/9; 5/9)
 - ☒ 12. B.O.R. project Y / N contract # _____
 - ☒ 13. TMDL Basin? Y / N (Tualatin, Yamhill, Pudding) DIVISION 33 Y / N (Abv Bonn > July 17, 92 //// Blw Bonn > April 18, 94 or June 3, 94)
 - ☒ 14. Objections? Y / N PFO different from IR/TR Y / N _____
 - ☒ 15. Conditions (from IR/TR/ or Additional) Y / N (macro series 4 - 7) Cal P. Bas only, 7I
 - ☒ a. Conplan Y / N 1 KR
 - ☒ 16. Land use approval OK'd needs approval county notified NA
 - ☒ 17. SIZE Small ($\leq 0.1\text{cfs}$, $\leq 9.2\text{AF}$), Medium (> 0.1 and $< 1.5\text{cfs}$, > 9.2 and $< 100\text{AF}$) Large ($\geq 1.5\text{cfs}$, $\geq 100\text{AF}$)
 - ☒ 18. Watermaster Dist: (1 2 16 18 - NWR) (3 4 5 - NCR) (6 8 9 10 - ER) (11 12 17 - SCR) (14 15 19 - SWR)
- limiting factors _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Name: RWK

Date: 6/24/96

save to m:\t\pfo\done\week#\app#.w51

MARCH 21, 1996

WATER
RESOURCES
DEPARTMENT

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

Reference: File G-14070

Dear Applicant:

**THIS IS NOT A PERMIT AND IS
SUBJECT TO CHANGE AT NEXT PHASE OF PROCESS**

This letter is to inform you of the status of your application for water use. Based on the information you have supplied, the Water Resources Department has reached the following conclusions:

Initial Review Determinations:

1. Your application is complete and not defective.
2. The proposed use is not prohibited by law or rule.
3. The use of water for Municipal use is allowed under OAR 502, the Willamette Basin Program.
4. The use of 0.5 cubic foot per second from a Well for Municipal use is available year round.

Summary of Initial Determinations

The use of 0.5 cfs from a Well for Municipal use may be allowed year round.

Because of these favorable determinations to your application the Department can now move your application to the next phase of the water rights application review process. This phase is where public interest factors will be evaluated.



Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period, will be evaluated at the next phase of the process.

To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a proposed final order.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by APRIL 4, 1996. For your convenience you may use the enclosed "STOP PROCESSING" form.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. You may be required to measure the amount of water used and report that use annually.
2. (1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:
 - (a) An average water level decline of three or more feet per year for five consecutive years; or
 - (b) A total water level decline of fifteen or more feet; or
 - (c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.
- (2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.
- (3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

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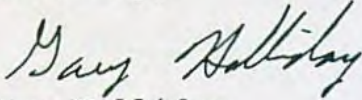
3. Groundwater production shall be from no shallower than 50 feet below land surface. Groundwater production shall be from the Columbia River Basalt, 50 to 400 feet below land surface.
4. The priority date for this application is May 19, 1995.

G-14070
March 21, 1996
Page 4

If you have any questions:

Feel free to call me at (503) 378-8455 ext. 454 or 1 (800) 624-3199 if you have any questions. Please have your application number available if you call.

Sincerely,



Gary Holliday
Initial Reviewer

cc: Regional Manager, Watermaster, Water Availability
Section
enclosures: Flow Chart of Water Right Process
Stop Processing Form

To: Russ Klassen
From: klasserw@wrdd.state.or.us (Russell W. Klassen)
Subject: mock pub City of Dundee

Public Notice Advertising Request

Telephone Number: (503) 378-8455 ext. 266 Fax: 378-6203
Department: Water Resources
Division: Water Rights

Special Instructions: Run ad once per week for three consecutive weeks

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STATE OF OREGON
WATER RESOURCES DEPARTMENT
PUBLIC NOTICE OF WATER USE REQUESTS
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ORS 537.130 (3) requires notice to all affected landowners and ORS 537.130 (4) allows the Department to make this notice through publication in a local newspaper if there are more than 25 landowners involved.

For further information contact the Water Resources Department Water Rights Information Group at 1 (800) 624-3199 ext. 499. Written requests may be addressed to the Oregon Water Resources Department at 158 12th St NE Salem, Oregon 97310-0210

*Adam SAYS THAT CITY WILL
~~DO~~ ~~OWN~~ ~~ADD~~ OWN ADD*

*Russ
6/24/96*

IR CHECKLIST

Application #: G 14670 Vol _____ Subbasin _____

Basin: 2 WAB: _____ POU-WAB _____

Township _____ Range _____ Section _____ 1/4 1/4 _____

- ☒ 1. Items have been verified on Completeness Checklist.
- ☒ 2. Check file for indicators that the process should not continue until a later date (ie - protest, items (other than oath) missing from the completeness check, letter to file indicating hold, or other)
- ☒ 3. A groundwater review has been evaluated for substantial interference with surface water (convert old gw conditions to the 7 series and add to the PFO, if necessary)
 - 140 a. Is the well located in a groundwater limited area?
 - 140 b. A B C D
 - 140 c. SWW _____
- 140 4. Is the Proposed Use located in or above a Scenic Waterway?
- 140 5. Is the proposed use located in a TMDL Basin? (Tualatin, Yamhill, Pudding)
- 140 6. Is the use allowed or limited by the Basin Program? _____ OAR(s) _____
- 140 7. Is the source withdrawn or limited? - State Engineer, Legislative (ORS 538), etc.
- 140 8. Basin Maps (metal cabinet) have been checked and River Mile (_____) has been identified
- 140 9. Water Availability Data has been verified (50% < July 17, 1992 ** 80% [50% storage] > July 17, 1992) _____
- 140 10. Rate _____ Duty _____ Season _____
- 140 11. Use Municipal Period of Allowed Use _____
- 140 12. Priority Date(s) May 19, 1995
- 140 13. Is use from a B.O.R. project and if so, is a signed contract in the file? _____
- 140 14. Division 33 (Abv Bonn > July 17, 1992 & Blw Bonn > April 18, 1994 or June 3, 1994) _____
- 140 15. Plat cards have been checked and a copy of the map is attached showing the conflict with _____
- 140 16. Land use approval OK'd needs approval county notified NA
- 140 17. conditions? (BOR, GW, etc.) 7I, Columbia Basalts only
- 140 18. Watermaster District #: 16
- 140 19. Regional Office NWR, NCR, ER, SCR, or SWR)
- 140 20. IR has been saved to m:\t\ir\sent\app # from m:\t\ir\work\app #

Name: _____ Date: _____

fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(3) Multnomah Channel and drainage waters originating within drainage districts are classified for domestic, livestock, municipal, industrial, irrigation, commercial, agricultural, mining, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(4) Except as specified in subsections (1)(a), (b) and (c) of this rule, all stream systems in the Columbia Subbasin and Columbia Slough are classified year-round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

Stat. Auth.: ORS 536.300 & 536.340

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Groundwater Classifications and Conditions

690-502-160 (1) Use of groundwater from the basalt aquifer within the Cooper-Bull Mountain Critical Groundwater Area shall be as described in the State Engineer's order designating the Cooper-Bull Mountain Critical Groundwater Area dated May 17, 1974.

(2) Groundwater Classification: The ground-water resources of the Willamette Basin are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and statutorily exempt groundwater uses with the following exceptions:

(a) Groundwater from the shallow Troutdale aquifer and the specially designated portion of the deep Troutdale aquifer in the Sandy-Boring area is classified for exempt uses only. The Sandy-Boring Groundwater Limited Area is as described and shown in Exhibit 1. Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed and shall contain the Special Permit Conditions specified in section (4) of this rule. Applications may be rejected if the aquifer displays any of the adverse impacts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications;

(b) Groundwater from the basalt aquifers in the Damascus, Glad Tidings, Kingston, Mt. Angel, Parrett Mountain, and Stayton-Sublimity areas, and the Troutdale aquifer in the Damascus area is classified for exempt uses only:

(A) The Damascus Groundwater Limited Area is as described and shown in Exhibit 2. The Glad Tidings Groundwater Limited Area is as described and shown in Exhibit 3. The Kingston Groundwater Limited Area is as described and shown in Exhibit 4. The Mt. Angel Groundwater Limited Area is as described and shown in Exhibit 5. The Parrett Mountain Groundwater Limited Area is as described and shown in Exhibit 9. The Stayton-Sublimity Groundwater Limited Area is as described and shown in Exhibit 7;

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can substantially support the extended use. Applications may be rejected or permit orificate extensions may be denied if the aquifer displays any of the adverse acts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within years of permit issuance, the applicant shall prepare a plan for the Water

Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply.

(c)(A) Except as provided in paragraph (B) of this subsection, groundwater from the basalt aquifers in the Sherwood-Damascus-Wilsonville Groundwater Limited Area as described and shown in Exhibit 6 is classified for exempt uses only;

(B) Groundwater applications G-12155 (City of Sherwood) and G-13353 (Manke Lumber Co.) shall be processed according to the classifications in effect on the date the application was filed. Permits shall contain the Special Permit Conditions specified in Section (3) of this rule.

(d) Groundwater in the basalt aquifers in the Chehalem Mountain, Eola Hills and South Salem Hills Groundwater Limited Areas is classified for exempt uses, irrigation and rural residential fire protection systems only. Permits may be issued, for a period not to exceed five years, for fire protection and for drip or equally efficient irrigation provided the Director finds the proposed use and amount do not pose a threat to the groundwater resource or existing permit holders. The amount of water used for irrigation shall be further limited to one acre-foot per acre per year. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR 690-08:

(A) The Chehalem Mountain Groundwater Limited Area is as described and shown in Exhibit 8. The Eola Hills Groundwater Limited Area is as described and shown in Exhibit 10. The South Salem Hills Groundwater Limited Area is as described and shown in Exhibit 11;

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply;

(e) Groundwater — Surface water hydraulic connection: These rules are in addition to the requirements of OAR 690-09. Groundwater in unconfined alluvium within 1/4 mile of the banks of a stream or surface water source is presumed to be in hydraulic connection with the surface water source, unless the applicant or appropriator provides satisfactory information or demonstration to the contrary. This hydraulically connected groundwater shall be classified the same as the surface source. This section shall not apply to those groundwater uses exempted by ORS 537.545. Notwithstanding such classification, permits may be issued for the use of water from a well in an unconfined aquifer that is hydraulically connected to groundwater, within a quarter mile of a stream, provided that surface water impacts are mitigated through storage releases.

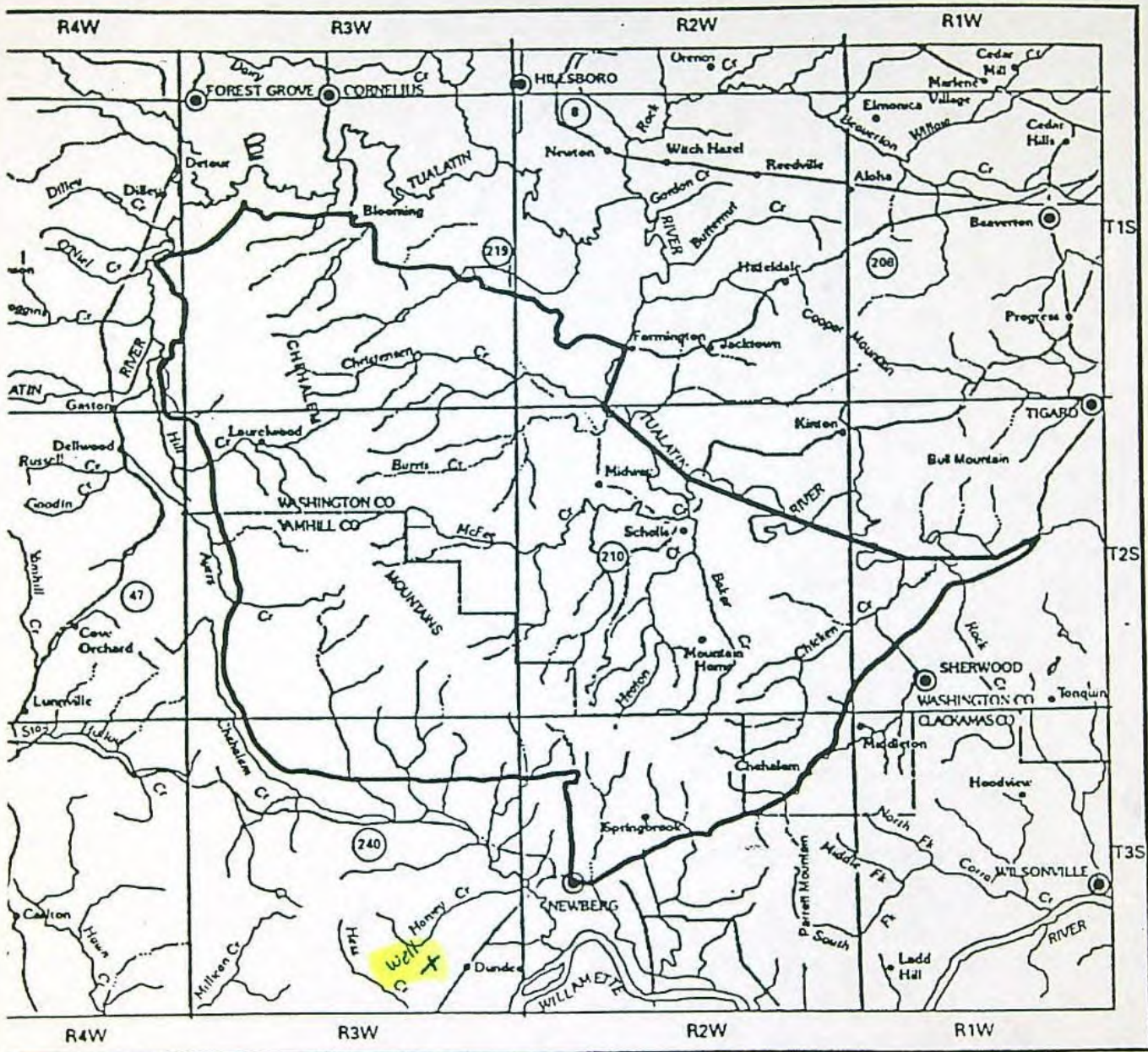
(3) Special Columbia River Basalt Group Aquifer Permit Conditions: New permits issued to appropriate groundwater from Columbia River Basalt Group aquifers shall be specially conditioned. The conditions shall specify:

(a) A static water level measurement be made and submitted before any use of water may commence at the well;

(b) The permittee/appropriator install a meter or other suitable measuring device approved by the Director and submit an annual report of water used to the Department;

(c) Limits on acceptable amounts of depletion and interference with other users;

Chehalem Mountain Groundwater Limited Area



0 1 2 3
Miles

(d) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;

(e) The Department shall determine, from measurements submitted by the permittee/ appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;

(f) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/ appropriator;

(g) Any other conditions derived from OAR 690-08 as deemed necessary to protect the groundwater resource.

(4) Special Permit Conditions: New permits issued to appropriate groundwater from aquifers within the Sandy-Boring Groundwater Limited Area and the Troutdale aquifer in the Damascus Groundwater Limited Area shall be specially conditioned. The conditions shall specify:

(a) A static water level measurement be made and submitted before any use of water may commence at the well;

(b) Limits on acceptable amounts of depletion and interference with other users;

(c) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;

(d) The Department shall determine, from measurements submitted by the permittee/ appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;

(e) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/ appropriator;

(f) Any other conditions as specified in OAR 690-08 as deemed necessary to protect the groundwater resource.

[ED. NOTE: The Exhibit(s) referenced in this rule is not printed in the OAR Compilation. Copies are available from the Water Resources Department.]

Stat. Auth.: ORS Ch. 536 & 537

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1993, f. & cert. ef. 9-9-92; WRD 3-1994, f. & cert. ef. 3-10-94, WRD - 1994, f. & cert. ef. 11-7-94



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

RECEIVED

OCT 06 1999

WATER RESOURCES DEPT.
SALEM, OREGON

October 4, 1999

Mr. Dallas Miller
Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210

RE: Dundee Water Right, File G-14070, Permit G-13035 (Well 12)
J.O. 441.102.0

Dear Mr. Miller:

This letter is to confirm our conversations of this morning regarding the Application for Extension of Time for the above referenced water right for Well No. 12 in the City of Dundee.

You indicated that the current rules allow municipalities to defer the submittal of an extension request until July 1, 2001. The City has requested that we inform you that they will take advantage of this deferral period.

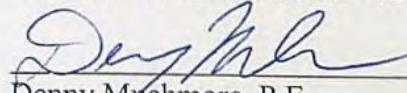
Per our conversations, we understand that the City will be notified in writing before any final action is taken on modification or cancellation of this permit due to changes to rules governing extensions, changes in deadlines, need for additional submittals, etc.

We appreciate your help and clarification on these matters.

If you have any questions or need additional information regarding this matter, please contact us at (503) 585-2474.

Sincerely,

WESTECH ENGINEERING, INC.


Denny Muchmore, P.E.

drm

cc: Mr. Alan Mustain, Dundee Public Works

Application No. 6-14870

6-14870

~~6-14067~~

RECEIVED

MAY 19 1995

State of Oregon

WATER RESOURCES DEPARTMENT

WATER RESOURCES DEPT.
SALEM, OREGON

Application for a Permit to Appropriate Groundwater

Applicant(s) City of Dundee

(Please print or type - use dark ink)

Mailing Address: PO Box 220
Dundee, OR 97115 (503) 538-6700
City State Zip Daytime Phone No.

I (We) make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. **THE DEVELOPMENT** (number of wells, tile lines, infiltration galleries, etc.): _____
One (1) Well (City Well No. 12).

If development is less than one mile from a natural stream, give the following:

Distance from development to stream: _____

Elevation difference between streambed and development: _____

NOTE: Wells must be constructed according to standards set by the department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well driller's log with this application, and skip to Section 2 below.

Diameter of well: Wells have not yet been constructed. Depth in feet: _____

Type and size of well casing: _____ No. of feet: _____

Estimated depth to water: _____

Type of access port or measuring device: _____

Wells to be drilled by: _____

Address: _____

If the water well is flowing artesian, describe your water control and conservation works: _____

2. **TOTAL AMOUNT OF WATER** to be applied to beneficial use: 0.5 cubic feet per second, OR 225 gallons per minute. If water is to be used from more than one groundwater source, give the quantity of water from each: n/a

3. **INTENDED USE(s) OF WATER:** Municipal use.

If for more than one use, give the quantity of water from each source for each use; n/a

If for **DOMESTIC** use, state the number of households to be supplied; n/a

If for **MUNICIPAL OR QUASI-MUNICIPAL** use, state the present population to be served, and an estimate of the future requirements; (List population projections, water needs, anticipated areas to be provided water.)

Present population.

If for **MINING** use, state the nature (gold, silver, etc.) of the mines to be served; _____

If for **IRRIGATION**, or other land area use, state the **TOTAL** number of acres to be developed under each use;

Irrigation n/a

Other (describe) _____

4. **DESCRIPTION OF WATER DELIVERY SYSTEM:** Include dimensions and type of construction of diversion works, length and dimensions of supply ditches or pipelines, size and type of pump and motor. If for irrigation, describe the type of system (i.e., flood, wheel line, hand line, drip, other).

Existing municipal water transmission and distribution system.

5. **PROJECT SCHEDULE:** (List month and year)

Proposed date construction work will begin Anticipated within 1 year of application approval.

Proposed date construction work will be completed _____

Proposed date water use will be completed _____

NOTE: Prior to the issuance of a permit it will be necessary to submit a map prepared by a Certified Water Right Examiner (CWRE) and a complete legal description of the property on which the water is to be used. The legal description may be copied from your deed, title insurance policy, or land sales contract.

6. a) In the event any deficiencies are noted involving the application map enclosed herein, please return the map with instructions for correction to (check one):

X Applicant _____ CWRE _____ Other (Identify in REMARKS section)

b) In the event any deficiencies are noted involving the application, please return the application with instructions for correction to (check one):

X Applicant _____ CWRE _____ Other (Identify in REMARKS section)

7. Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership? YES. If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.

NOTE: Prior to receiving a certificate of water right, the permit holder must submit to the Water Resources Department the results of a pump test meeting the department's standards. The Director will require water level or pump test results every ten years thereafter.

REMARKS: _____

RECEIVED

MAY 19 1995

WATER RESOURCES DEPT.
SALEM, OREGON

I/We certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge:

Derry M. Hume
Signature CITY ENG (WESTECH)

5/19/95
Date

Signature

Date

FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

I certify that I have examined the foregoing application, together with the accompanying information, and am returning it to you for:

In order to retain its tentative priority, this application must be returned with the requested corrections or additions on or before:

_____, 19____.

WITNESS my hand this _____ day of _____, 19____.

Water Resources Director

By: _____

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 19 day of May, 1995, at 10:20 o'clock, 9 M.

APPLICATION NO: _____

G-14070
~~6-14067~~

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-14070

ROUTED TO: WR

TOWNSHIP/

RANGE-SECTION: 35/3W-27

APPLICATION ACCEPTED? ☐ yes ☐ no

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Dawn M. Allen

MEMO

TO Application G- 14070

FROM GW: Don Miller
(Reviewer's Name)

☐ Yes
☒ No

The source of appropriation is within or above a Scenic Waterway.

☐ Yes

☒ No

Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

☒ At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

[illegible]

TO: Water Rights Section

March 12, 1996

FROM: Groundwater/Hydrology Section

Don Mallon

Reviewer's Name

SUBJECT: Application G- 14070

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's ~~is~~ is not within 1/4 feet/mile of a surface water source () and taps a groundwater source hydraulically connected to the surface water. OAR 690-502-160 (2)(c) - N/A
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
- a. ☐ will, or have the potential for substantial interference with the nearest
 - b. ☐ will not surface water source, namely ; or
 - c. ☒ will if properly conditioned, adequately protect the surface water from interference:
 - i. ☐ The permit should contain condition #(s) ;
 - ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ☒ The permit should be conditioned as indicated in item 4 below; or
 - d. ☐ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
- a. ☐ will, or likely be available in the amounts requested without injury to prior rights
 - b. ☐ will not and/or within the capacity of the resource; or
 - c. ☒ will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ☒ The permit should contain condition #(s) 7I ;
 - ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ☐ The permit should be conditioned as indicated in item 4 below; or
- 4.
- a. ☐ THE PERMIT should allow groundwater production from no deeper than ft. below land surface;
 - b. ☒ The permit should allow groundwater production from no shallower than 50 ft. below land surface;
 - c. ☒ The permit should allow groundwater production only from the Columbia River Basalt groundwater reservoir between approximately 50 ft. and 400 ft. below land surface;
 - d. ☐ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ☐ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ☐ review of the well log;
 - b. ☐ field inspection by _____;
 - c. ☐ report of CWRE _____;
 - d. ☐ other: (specify) _____
6. THE WELL construction deficiency:
- a. ☐ constitutes a health threat under Division 200 rules;
 - b. ☐ commingles water from more than one groundwater reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more groundwater reservoirs;
 - e. ☐ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ☐ was, or constructed according to the standards in effect at the time of
 - b. ☐ was not original construction or most recent modification.
 - c. ☐ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ☐ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ☐ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ☐ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit
_____, 199____.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199____.
(Signature)

IR



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

RECEIVED

SEP 25 1995

**WATER RESOURCES DEPT.
SALEM, OREGON**

September 22, 1995

Mr. Cory Engel
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310

RE: Water Rights Application File # G-14066 & G-14070 (City Wells No. 11 & 12)
441.100.0

Dear Mr. Engel:

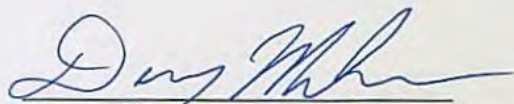
In response to your September 12, 1995 letter, the City offers the following:

- ▶ The City currently anticipates completely applying the water from both of the proposed sources within 5 years of the date of issuance of the water right permits.
- ▶ Municipal water use information is provided as requested on Form M and enclosed attachments.

If you have any questions or need any additional information regarding this matter, please contact us at (503) 585-2474.

Sincerely,

WESTECH ENGINEERING, INC.


Denny Muchmore, P.E.

drm
Enclosure
Mr. Chuck Lund, Dundee Director of Public Works

Oregon Water Resources Department

RECEIVED**Form M****SEP 25 1995****WATER RESOURCES DEPT.
SALEM, OREGON**

This form is to be used in conjunction with
applications for permits to use water for municipal purposes.

Type or print clearly in dark ink.

1. POPULATION:

- a. What is the present population to be served? 2200
- b. Do you serve population beyond your city limits? Yes (See Attached).
- c. According to your estimates, what will the population be 25 years from now? (Please cite source) 3600 (extrapolated from 20 year projections in 1993 water master plan).

2. WATER NEEDS:

- a. What are your current water needs? + 1.1 cfs peak day, 24 hour demand
- b. What will your water needs be 25 years from now? + 2.0 cfs peak day, 24 hour demand
- c. List your current source(s) of water by water body, amount of use and water right permit (e.g., Crystal Creek, .01 cfs, Permit S-12345). See Attached
- d. Explain how your existing water use permits and water rights will assist in meeting your water use needs (i.e., Have you identified any of your water use permits or water rights that cannot or will not be used to meet future needs?). Please explain. See Attached

3. CONSERVATION MEASURES: Please describe what you propose to do to prevent waste of water (e.g., metering, weekly measurements, etc.).

See Attached

Please include a copy of your water facilities plan with your application.

RECEIVED

SEP 25 1995

WATER RESOURCES DEPT.
SALEM, OREGON

FORM M SUPPLEMENTAL INFORMATION

- 1(b) Although there are a number of residential water users outside of current City Limits from past years, the City Council currently holds to the policy prohibiting water service outside of the City. As such, no new water services outside of the City Limits are anticipated.

2(c) Water Sources

City Source Name	WRD Source Name	Permit Rate (cfs) (gpm)	Appl #	Perm #	Cert#	Priority Date	POD -ID	Comments
Spring	A Spring, Harvey Creek	0.5 (224)	9028	S5932	8781	6/20/23	11394	Use currently suspended until concerns regarding surface water influence are satisfied.
Spring	Spring 1, Harvey Creek	0.05 (22)	12629	S8978	8817	3/25/29	11386	
Spring	Spring 2, Harvey Creek	0.05 (22)	12629	S8978	8817	3/25/29	11387	
Mossy Spring	Mossy Spring, Harvey Creek	0.007 (3)	18173	S13880	14654	6/8/39	11395	
Harvey Creek	Harvey Creek	0.25 (112)	22077	S17367	17145	11/7/46	11388	
Willamette River	Willamette River	4.0 (1795)	58951	S44462	-	7/24/79	30162	Source not yet developed. Source for potential future surface water treatment plant.
Well 1 Watershed	Well 1	0.22 (99)	G6331	G6017	-	4/22/74	30158	Currently in use.
Well 2 Watershed	Well 3	0.22 (99)	G6331	G6017	-	4/22/74	30160	
Well 3 Deep Well	Supply Well	0.18 (81)	G1217	G1263	29157	11/28/58	29157	
Well 4 River Well	Well 2	0.26 (116)	G6331	G6017	-	4/22/74	30159	Back up water source due to lower water quality.
Old River Well	Well 4	0.27 (121)	G6331	G6017	-	4/22/74	30161	Not currently in use due to well problems.
Well 5 Pruitt	Well 5	0.30 (135)	G10904	G10148	61759	3/24/83	11389	Currently in use.
Well 6 Pruitt	Well 6	0.30 (135)	G10904	G10148	61759	3/24/83	11390	
Well 7 Watershed	Well 7	0.33 (148)	G11866	G11058	-	10/31/88	21048	

- 2(d) The existing water use permits and water rights will continue to be used to supply water to the City system. To the extent possible, the City plans to continue use the wells on a rotating basis to minimize any potential impacts to the static water level and the aquifer structure.

RECEIVED

SEP 25 1995

WATER RESOURCES DEPT.
SALEM, OREGON

The City is investigating options for the water and well problems being experienced by the two so-called 'river wells', which have experienced significant sand intrusion problems. Although there are a number of water sources not currently in use by the City, they have indicated that they intend to explore options in the future to determine the feasibility of returning these water sources to service. However, the current regulatory environment has resulted in some hurdles which must be cleared prior to use of several of these sources.

Therefore, the City does not currently consider any of their present water use permits or water rights as sources which cannot or will not be used to meet future needs. However, it is not clear at present when it will be economical to return these sources to production status.

3.
 - ▶ All wells are currently metered, with master meters on wells feeding to common supply lines. The master meters are read on at least weekly intervals, with all individual meters being read at least monthly.
 - ▶ All water services within the City are currently metered, and these meters are read on a monthly basis.
 - ▶ Water levels in storage reservoirs are controlled by water level probes with telemetry links and/or altitude valves to prevent overflow and wastage.
 - ▶ The City has an ongoing program of repairing and replacing defective waterlines and services which may contribute to leakage.
 - ▶ The City has adopted a tiered (rising rate) water rate structure to encourage conservation of water.

Land Use Information Form: Permits, Hydroelectric Licenses, Water Uses In
Addition to Classified Uses

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT FILL OUT THIS FORM IF water is to be diverted, conveyed, and/or used only on federal lands.

CITY WELL NO. 12

Applicant's Name: City of Dundee
Address: PO Box 220
City: Dundee State: OR Zip: 97115 Day Phone: (503) 538-3922

Please provide information as requested below for all tax lots on or through which water will be diverted or used. (Attach extra sheets as necessary.) 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.

WATER RESOURCES DEPT.
SALEM, OREGON

Tax Lot or Local I.D.#	Plan Designation/Zoning (e.g. Rural Residential/RR-5)	Check All That Apply		
		Water Diverted	Water Conveyed	Water Use
3327-600	AF 20	X		
	See attached service area map			

Please list all counties and cities within which water is proposed to be diverted, conveyed, and/or used. Yamhill

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within city limits. In this case, only the city planning agency must complete this form. Please request extra forms as needed.

For Local Government Use Only

Local planning officials are to complete the remainder of this form. If it cannot be completed while the applicant waits, sign and detach the receipt as instructed below. You will receive notice when the applicant's water right request is filed with the Water Resources Department (WRD). You will have 30 days from the notice date to return this completed land use form to WRD. If no land use information is received from you within that period, WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan.

a) Check the appropriate box below and provide requested information.

☒ Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 403 of the YCZO. Go to section b) on reverse side.

☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below. Existing Service area. **Note:** Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus any accompanying findings is sufficient.)

Type of Land Use Approvals Needed (e.g.: plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Please check the box that applies:		
		Already Obtained	Already Denied	Being Pursued Satisfactorily

(over)

Receipt for Request for Land Use Information

WRD Applicant Name: City of Dundee

This receipt must be signed by a local government representative and returned to the applicant for inclusion in the WRD application IF the local government cannot provide the above requested land use information while the applicant waits.

City or County: _____

Staff Contact: _____ Phone: _____

Signature: _____ Date of Information Request: _____

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MAY 19 1995

WATER RESOURCES DEPT.
SALEM, OREGON

2

(For Local Use Continued)

b) Please provide printed name and written signature.

Name: Kenneth R. Fridg

Title: Senior Planner

Signature: [Signature]

Date: 4/12/95

Phone: 454-7516

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

Additional Comments:

Lined area for additional comments.

Application No. 6-1470
Permit No.

Description of Water Use

Note to Applicant: This sheet will provide local planning staff with a basic description of your proposed water use. Please fill out this sheet before bringing the attached land use form to your local planning office. It will help local planning offices complete your land use information form quickly.

Note to Local Planning Officials: Please initial this sheet. Do not separate it from the land use information form. If needed, please make a separate copy for your records.

Applicant Name: City of Dundee
Address: PO Box 220
Dundee, OR 97115
Phone: (503) 538-3922

CITY WELL NO. 12

Please indicate what you will use the water for. Check all boxes that apply and fill in the blanks with key characteristics of the project

- ☐ Irrigation (crop type, golf course, nursery or greenhouse): _____
- ☐ Livestock (type of livestock, feedlot, slaughterhouse): _____
- ☐ Residential (# units, single or multi-family, # lots if partition or subdivision): _____
- ☐ Commercial (i.e., retail, office, restaurant, gas station, hotel, service, etc.): _____
- ☐ Industrial (i.e., factory, pulp mill, research and development, processing, etc.): _____
- ☐ Institutional (i.e., school, library, etc.): _____
- ☐ Mining (aggregate, metal, open pit, placer, etc.): _____
- ☐ Recreation (park, campsite, pond, etc.): _____
- ☐ Fish and Wildlife (pond, hatchery, etc.): _____
- ☐ Hydropower (dam, reservoir, power generating or transmitting facilities): _____
- ☒ Other (Name and list key characteristics): Municipal use in Dundee service area.

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MAY 19 1995

WATER RESOURCES DEPT.
SALEM, OREGON

Indicate sources for the proposed water use below:	Indicate the estimated quantity of water the use will require.
☐ Surface Water Name sources: _____ _____	<u>0.5</u> Cubic feet per second. <u>225</u> Gallons per minute. _____ Acre-Feet
☐ Reservoir or pond	
☒ Ground Water	



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

May 19, 1995

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MAY 19 1995

WATER RESOURCES DEPT.
SALEM, OREGON

Oregon Water Resources Department
158 12th Street NE
Salem, OR 97310

RE: Water Rights Application, City Well No. 12
441.100.0

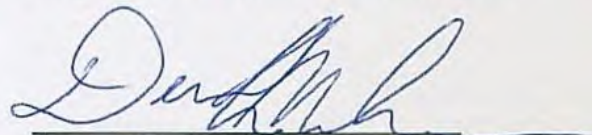
Dear Sirs:

Enclosed please find a water rights application for a proposed new City well. This well will be designated Well No. 12 by the City. This proposed well is located in the City's watershed area west of town. We have also enclosed a completed Land Use Compatibility Statement and a check for \$200.00.

If you have any questions or need any additional information regarding this matter, please contact us at (503) 585-2474.

Sincerely,

WESTECH ENGINEERING, INC.


Denny Muchmore

drm

WESTECH ENGINEERING, INC. • SALEM, OREGON 97302

585-2474

11402

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	BALANCE
5/19/95		City of Dundee JO 441.100.0 Well #12 Application Fee			\$200.00
			RECEIVED MAY 19 1995 WATER RESOURCES DEPT. SALEM, OREGON		
CHECK DATE	5/19/95	CHECK NUMBER	11402	TOTALS	\$200.00

PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS.

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **124453**

158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM: Westech Engineering
BY: INC

APPLICATION	14067
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 796-8 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 200.-

01-00-0 WRD MISC CASH ACCT

842.010	ADJUDICATIONS	\$
831.087	PUBLICATIONS / MAPS	\$
830.650	PARKING FEES Name / month	\$
_____	OTHER: (IDENTIFY)	\$

REDUCTION OF EXPENSE

CASH ACCT.

COST CENTER AND OBJECT CLASS

VOUCHER #

03-00-0 WRD OPERATING ACCT

MISCELLANEOUS

840.001	COPY FEES	\$
850.200	RESEARCH FEES	\$
880.109	MISC REVENUE: (IDENTIFY)	\$
520.000	OTHER (P-6) (IDENTIFY)	\$

WATER RIGHTS:

842.001	SURFACE WATER	EXAM FEE	842.002	RECORD FEE
842.003	GROUND WATER	\$	842.004	\$
842.005	TRANSFER	\$ <u>200.-</u>	842.006	\$

WELL CONSTRUCTION

842.022	WELL DRILL CONSTRUCTOR	EXAM FEE	842.023	LICENSE FEE
	LANDOWNER'S PERMIT	\$	842.024	\$

OTHER (IDENTIFY) _____

06-00-0 WELL CONST. START FEE

842.013	WELL CONST START FEE	\$	CARD #
	MONITORING WELLS	\$	CARD #
_____	OTHER (IDENTIFY)		

45-00-0 LOTTERY PROCEEDS

864.000	LOTTERY PROCEEDS	\$
---------	------------------	----

07-00-0 HYDRO ACTIVITY

LIC NUMBER

842.011	POWER LICENSE FEE (FW/WRD)	\$
842.115	HYDRO LICENSE FEE (FW/WRD)	\$
_____	HYDRO APPLICATION	\$

RECEIPT # **124453**

DATED: 5-19-95

BY: D. Bushnell

Distribution-White Copy-Customer, Yellow Copy-Fiscal, Blue Copy-File, Buff Copy-Fiscal

NUMBER 8439

Check 100 Mo _____ Cash _____

_____ Surface Application

_____ Reservoir Application

☒ Ground Water Application 900

_____ Transfer Application

_____ PFO Request

_____ Research

_____ Hydroelectric Fees

_____ Copying

_____ Assignment

_____ Extension of Time

_____ Protest

_____ Other

Doug B.
G-14070

7/1/03 Lisa

Application No. G-14070

Permit No. G13035

Name CITY OF DUNDEE
PO BOX 220
Address: DUNDEE, OR

97115

Assigned

Address

Beginning construction

12/11/97

Completion of construction

10/11/98

Extended to

Complete application of water

10/1/99

Extended to

FILE#: G 14070

CITY OF DUNDEE
PO BOX 220
DUNDEE, OR

97115

FILE#: G 14070

CITY OF DUNDEE
PO BOX 220
DUNDEE, OR

97115

FILE#: G 14070

CITY OF DUNDEE
PO BOX 220
DUNDEE, OR

97115

FILE#: G 14070

CITY OF DUNDEE
PO BOX 220
DUNDEE, OR

97115

Discard
after Proof

26

NENE

SS 3W

NWNE

SWNE

SENE

NE SW

NWSE

NESE

SESW

SWSE

SESE

35

NENE

NWNE

NE NW

SWNE

SENE

25

all

36

NW NW

NE NW

NW NE

NE NE

SE NW

SW NE

SE NE

NE SW

NW SE

NE SE

30

NW NW

NE NW

SW NW

SE NW

NE SW

NW SW

SW SW

SE SW

SS 2W

31

NW NW

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT #

8584

158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM:

City of Dundee

BY: _____

APPLICATION

G14070

PERMIT

TRANSFER

CASH:

CHECK: #

OTHER: (IDENTIFY)

☐
☒

24.12

☐

TOTAL REC'D

\$ *100.*

0417 WRD MISC CASH ACCT

ADJUDICATIONS

\$

PUBLICATIONS / MAPS

\$

OTHER: (IDENTIFY)

\$

OTHER: (IDENTIFY)

\$

REDUCTION OF EXPENSE

CASH ACCT.

\$

PCA AND OBJECT CLASS

VOUCHER #

0427 WRD OPERATING ACCT

PCA 66111

MISCELLANEOUS

0407

COPY & TAPE FEES

\$

0410

RESEARCH FEES

\$

0408

MISC REVENUE: (IDENTIFY)

\$

TC165

DEPOSIT LIAB. (IDENTIFY)

\$

WATER RIGHTS:

EXAM FEE

RECORD FEE

0201

SURFACE WATER

\$

0202

\$

0203

GROUND WATER

\$

0204

\$ *100.*

0205

TRANSFER

\$

0206

\$

WELL CONSTRUCTION

EXAM FEE

LICENSE FEE

0218

WELL DRILL CONSTRUCTOR

\$

0219

\$

LANDOWNER'S PERMIT

0220

\$

OTHER (IDENTIFY)

0437 WELL CONST. START FEE

0211

WELL CONST START FEE

\$

CARD #

0210

MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY)

0539 LOTTERY PROCEEDS

1302

LOTTERY PROCEEDS

\$

0467 HYDRO ACTIVITY

LIC NUMBER

0233

POWER LICENSE FEE (FW/WRD)

\$

0231

HYDRO LICENSE FEE (FW/WRD)

\$

HRDRO APPLICATION

\$

RECEIPT #

8584

DATED:

11-20-96

BY:

G. Bushnell

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **71991**

INVOICE # _____

RECEIVED FROM: City of Dundee
BY: _____

APPLICATION	<u>See below</u>
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 9693 OTHER: (IDENTIFY) ☐

TOTAL REC'D **\$1,250.00**

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES		\$
OTHER: (IDENTIFY)		\$

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS	<u>558951</u>	- \$250.00		
0407 COPY & TAPE FEES	<u>66331</u>	- \$250.00		
0410 RESEARCH FEES	<u>612568</u>	- \$250.00		
0408 MISC REVENUE: (IDENTIFY)	<u>614068</u>	- \$250.00		
TC162 DEPOSIT LIAB. (IDENTIFY)				
0240 EXTENSION OF TIME				\$1250.00

G 14070 - \$250.00

WATER RIGHTS:		EXAM FEE		RECORD FEE
0201 SURFACE WATER		\$	0202	\$
0203 GROUND WATER		\$	0204	\$
0205 TRANSFER		\$		
WELL CONSTRUCTION		EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR		\$	0219	\$
LANDOWNER'S PERMIT			0220	\$
OTHER (IDENTIFY)				

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	
OTHER (IDENTIFY)			

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **71991**

DATED: 12/27/04 BY: L. Albin

Distribution - White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

FILE#: G-14070

CITY OF DUNDEE
ATTN: EVE FOOTE
PO BOX 220
DUNDEE OR 97115

FILE#: G-14070

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