

Application for a Permit to Use Ground Water



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

Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME		PHONE (HM)	
CITY OF INDEPENDENCE			
PHONE (WK) 503-838-1212	CELL	FAX	
ADDRESS PO Box 7			
CITY INDEPENDENCE	STATE OR	ZIP 97351	E-MAIL*

Organization Information

NAME		PHONE		FAX
CITY OF INDEPENDENCE				
ADDRESS PO Box 7				CELL
CITY INDEPENDENCE	STATE OR	ZIP 97351	E-MAIL*	

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

AGENT / BUSINESS NAME 4B ENGINEERING & CONSULTING, LLC		PHONE 503-589-1115		FAX 503-589-1118
ADDRESS 3700 RIVER ROAD N, SUITE 2				CELL
CITY KEIZER	STATE OR	ZIP 97303	E-MAIL* BROOKE@4BENGINEERING.COM	

Note: Attach multiple copies as needed

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

By my signature below I confirm that I understand:

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

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


Applicant Signature

MICHAEL L. DANKO
COMM. DEV. DIR.
Print Name and title if applicable

1-28-2016
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. _____	Permit No. _____	Date _____

6-18256

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

☒ Yes

☒ There are no encumbrances.

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

☐ No

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).

☐ Water is to be diverted, conveyed, and/or used only on federal lands.

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

N/A

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

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
1	Willamette River	120'	35'

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

Well log attached

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

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

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1 (Park Well)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	POLK 53003	<input type="checkbox"/>	12"	0-45'	25'-38'	0'-22.5'	14' (2009)	Gravel, Clay	45'	250 GPM	
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

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

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

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Revised 2/1/2012

FEB 04 2016

Ground Water/5

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Municipal Irrigation	Jan-Dec	250 GPM

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

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

Primary: 15 Acres, With 35 Additional in future (50 total) Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): N/A

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

- If the use is **municipal or quasi-municipal**, attach **Form M**
 - If the use is **domestic**, indicate the number of households: _____
- If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

☒ Pump (give horsepower and type): _____

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. _____

B. Application Method

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

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

Rain sensors will be added to irrigation to prevent overwatering as required

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

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

Reservoir name: _____ Acreage inundated by reservoir: _____

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Use(s): _____

Volume of Reservoir (acre-feet): _____ Dam height (feet, if excavated, write "zero"): _____

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: January, 2016

Date construction will be completed: March, 2016

Date beneficial water use will begin: January, 2017

SECTION 9: WITHIN A DISTRICT

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

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

POLK 53003

TAG#L93618
196831
(START CARD) #

(1) OWNER: Well Number _____
Name E/O INDEPENDENCE
Address 240 MONMOUTH ST.
City INDEPENDENCE State OR Zip 97351

(2) TYPE OF WORK:
☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☒ Cable
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other WATER SUPPLY

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 45 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
12"	0	45'	CEMENT	22.5'	8 FT.	15 SACKS
			BENTONITE	8 FT	0'	10 SACKS

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☒ Other POURED FROM SURFACE TO SURFACE
Backfill placed from 24.5 ft. to 22.5 ft. Material 4" MINUS W/BENT
Gravel placed from 45 ft. to 24.5 ft. Size of gravel 3/8" ROUND

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
8"	12.5'	25'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8"	38'	45'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Final location of shoe(s) NO SHOE USED

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☒ Screens Type V-SLOT Material 304 SS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
25'	38'	120		8"	PS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump ☐ Bailer ☐ Air ☐ Flowing
☐ Artesian

Yield gal/min	Drawdown	Drill stem at	Time
250 GPM	14'-10"		30 hrs.

Temperature of Water 54° Depth Artesian Flow Found _____
Was a water analysis done? ☒ Yes By whom WATERLAB
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County POLK Latitude _____ Longitude _____
Township 8S N or S. Range 4W E or W. WM. _____
Section 21 SW 1/4 SE 1/4
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) EAST END OF GRAND ST.; 200'± FROM WILLAM. RIVER

(10) STATIC WATER LEVEL:
14 ft. below land surface. Date 06-06-09
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 25'

From	To	Estimated Flow Rate	SWL
25'	38'	250 GPM	14'

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
CLAY, BROWN	0'	1'	
CLAY, BROWN + SANDY	1'	8'	
CLAY, BROWN W/ BITS OF GRAY	8'	22'	
GRAVEL, SMALL TO LARGE W/ BROWN + BLACK SAND	22'	28'	14'
GRAVEL, SMALL TO MEDIUM W/ BLACK FINE TO COARSE SAND	28'	38'	14'
GRAVEL, SAND, SAND RATIO TO GRAVEL INCREASING	38'	40'	
GRAY CLAY, SANDY	40'	42'	
GRAY CLAY, DENSER	42'	45'	

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OCT 20 2009

WATER RESOURCES DEPT
SALEM, OREGON

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Date started 04-16-09 Completed 06-08-09
(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Michael Waltrip WWC Number 633
Date 06-09-09

Land Use

Information Form



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

NOTE TO APPLICANTS

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

This form is NOT required if:

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

NOTE TO LOCAL GOVERNMENTS

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

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Land Use Information Form



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

Applicant: City of Independence
First _____

Last _____

Mailing Address: PO Box 7

Independence
City

OR
State

97
Zip

Daytime Phone: 503-838-1212

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
8S	4W	21	NE ¼			<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
8S	4W	21	NE, SE			<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

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

Polk County; Independence, Oregon

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water (name) _____

Estimated quantity of water needed: 250 ☐ cubic feet per second ☒ gallons per minute ☐ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☒ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

Water will be used for irrigation of 15 acres that is owned by the City of Independence. Future irrigation of an additional 35 acres. (50 acres total)

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

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See bottom of Page 3. →

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For Local Government Use Only

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

Please check the appropriate box below and provide the requested information

- ☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 50.010
INDY DEV. CODE
- ☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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

THIS IRRIGATION PROJECT SUPPORTS
THE INDY SPORTS COMPLEX AND PARK SYSTEM,
HIGHLY DESIRED BY THIS COMMUNITY.

Name: _____ Title: MICHAEL L. DANKO, COMM. DEV DIR.
PUBLIC WORKS DIR.

Signature: *[Signature]* Phone: _____ Date: 1-28-2016
503.838.1212

Government Entity: INDEPENDENCE

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

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

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Oregon Water Resources Department

FORM M

FOR MUNICIPAL AND QUASI MUNICIPAL WATER SUPPLIES

Unless otherwise noted, water use information should be in acre-feet per year (AFY).

1 acre-foot is equal to 325,851 gallons.

Background Information

Name of water supplier: City of Independence

Name and size of area to be served: _____
(in square miles)

Present population of service area: 8,605
(Contact county planning staff, if needed.)

Projected population in 20 years: 14,405 (2014 Water Master Plan)

(Cite source and year. For example: "20,595 Based upon 1995 Portland State University projections.")

List present water rights and permits held:

Date of Issuance:	Natural Source of Water:	Amount Permitted:	Utilization:
<u>See attached page</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Water Use

Average yearly demand: 822.4 AFY Year: 2014

Per-capita daily consumption (in gallons): 846,719

(Divide average annual water sales by population to arrive at consumption, then divide by 365 to get daily values.)

Peak season (by month/day): July to Sept Total peak season demand: 321.9 Acre-feet

Peak season per-capita daily consumption: 1,344,079

(Divide total peak season demand by population and the number of days during the peak.)

Annual amount of water:

Produced: 309,052,495

(diverted or pumped)

Delivered: 244,978,200 (Unaccounted for water used majority at the Polk Filter backwash)

Is your system fully metered? ☒ Yes ☐ No

Describe your rate structure: _____

(e.g. flat rate, increasing or decreasing block rate or combination of different systems)

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Request for Water

A. Discuss the reason(s) for your request for additional water

(e.g. loss of current supply, peak demand, growth, or other):

Growth of the water system

B. How long is the amount of water requested in this application expected to meet future needs?

(e.g. until the year 2040) 2035

C. Briefly discuss operation of water system and the most constraining component of the system:

The water system is a fully metered system. The largest constraint will be resolved when a new pipeline is installed from Polk Wellfield to the Polk Wellfield filter building.

D. Percentage of water use by type:

Residential: 88%

Commercial: 6.5%

Public Authority:

Agricultural:

Unaccounted for use:

Industrial: 5.5%

Other (specify use):

E. List cost to implement proposed request.

Compare cost and benefits with other water supply, or combination of supply options. This should include water efficiency measures such as replacing current showerheads with low-flow types. (Attach documentation, as available.)

New water management plan was placed into effect in 2015.

F. How and by how much will your proposed water use efficiency programs increase efficiency?

(Express as a percentage of per-capita consumption.)

Unknown

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Last revision: March 26, 2009

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Table 2-2
Water Rights

Source Associated With	Application No.	Permit/ Claim No.	Certificate or Transfer No.	Priority Date	Permitted Flow
South Well #1	NA	GR-3183	GR-3141	August 2, 1951	250 GPM (.557 CFS)
South Well #2	NA	GR-3184	GR-3142	September 15, 1951	400 GPM (.8912 CFS)
South Well #3	NA	GR-3185	GR-3143	March 25, 1953	400 GPM (.8912 CFS)
South Wells #4 and #5	G-13871	G-13015	NA	November 7, 1994	434 GPM (.97 CFS)
				TOTAL SOUTH	1,484 GPM (3.31 CFS)
Polk Street Well #1	G-12736	G-12134	NA	December 19, 1991	897.6 GPM (2.0 CFS)
Polk Street Well #1-4 (includes River Dr.)	G-11243	G-10375	83231(void) (T-10827)	March 8, 1984	421.8 GPM (.94 CFS)
Valley Concrete (To be transferred)	G-2469	G-2279	31510	TOTAL POLK	1,319.4 GPM (2.94 CFS)
				October 15, 1962	250.8 GPM (.56 CFS)
				TOTAL POLK WITH TRANSFER	1,570.2 GPM (3.50 CFS)
Future Surface Water	S-86398	S-54331	NA	August 10, 2005	2,001 GPM (4.46 CFS)

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