

Water Right "A"
(Inactive)
Certificate G-42328
Basalt 0.27cfs/120 gpm

STATE OF OREGON
COUNTY OF **MORROW**
CERTIFICATE OF WATER RIGHT

This Is to Certify, That CITY OF IRRIGON

of **Irrigon**, State of **Oregon**, **97844**, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of **Columbia River** for the purpose of **municipal**

under Permit No. **G-4269** of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from **August 5, 1968**

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed **0.27 cubic foot per second**

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the **SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 19, T. 5 N., R. 27 E., W. M., 1105 feet North and 615 feet East from SW Corner, Section 19.**

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to **-----** of one cubic foot per second per acre,

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

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

E $\frac{1}{4}$ SE $\frac{1}{4}$
Section 24
NE $\frac{1}{4}$ NE $\frac{1}{4}$
Section 25
T. 5 N., R. 26 E., W. M.

SW $\frac{1}{4}$
SW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 19
NW $\frac{1}{4}$ NW $\frac{1}{4}$
Section 30
T. 5 N., R. 27 E., W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. **June 25, 1975**

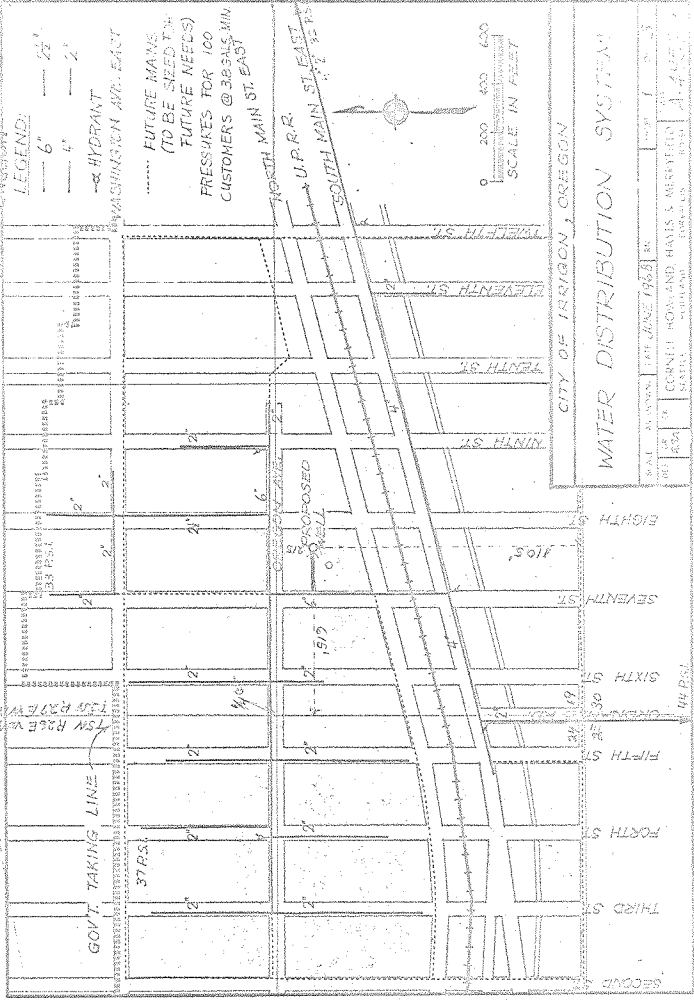
Chris L. Wheeler

State Engineer

Recorded in State Record of Water Right Certificates, Volume **34**, page **42328**

Division No. G-4264
Permit No. G-4264

STATE ENGINEER
CITY OF IRRIGON



WATER DISTRIBUTION SYSTEM

CITY OF IRRIGON, OREGON

| | | | |
|------------------------------------|----------|-----------------------------------|-----|
| DATE | APPROVED | DATE | NO. |
| JUN 1968 | | | |
| CORNELI HOLLAND HAYES & MERRIFIELD | | REGISTERED PROFESSIONAL ENGINEERS | |
| SANTA FE | | ALBUQUERQUE, N.M. | |

RECEIVED
AUG 5 1968
STATE ENGINEER
SALEM, OREGON

CERTIFICATE NO. 42328

Permit No. G- G 4269

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, CITY OF IRRIGON (Name of applicant)

of Irrigon, Oregon (Postoffice Address), county of Morrow

state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

November 6, 1956 Heppner, Oregon

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Columbia River (Name of stream)

----- tributary of -----

2. The amount of water which the applicant intends to apply to beneficial use is one cubic feet per second or 448.8 gallons per minute.

3. The use to which the water is to be applied is Municipal water supply

4. The well or other source is located 1105 ft. N and 615 ft. E from the SW corner of Section 19 (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the SW 1/4 (SW 1/4 of SW 1/4) of Sec. 19, Twp. 5N, R. 27E, W. M., in the county of MORROW

5. The connecting pipeline (Canal or pipe line) to be 0.01 miles in length, terminating in the SW 1/4 of SW 1/4 (Smallest legal subdivision) of Sec. 19, Twp. 5N, R. 27E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is City of Irrigon well No. 1

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

Do not expect to encounter free flowing artesian water.

8. The development will consist of one well (Give number of wells, tunnels, etc.) having a diameter of 8 inches and an estimated depth of 350 feet. It is estimated that 80 feet of the well will require steel (Kind) casing. Depth to water table is estimated 50 (Feet)

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, 100 ft.; size at intake six in.; in size at six ft. from intake six in.; size at place of use six in.; difference in elevation between intake and place of use, zero ft. Is grade uniform? Estimated capacity, one sec. ft.

10. If pumps are to be used, give size and type six-inch vertical turbine

Give horsepower and type of motor or engine to be used 20 H.P. electric motor

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

12. Location of area to be irrigated, or place of use City of Irrigon and vicinity.

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|----------------------|---|--------------------------------------|------------------|---------------------------------|
| 5N | 26 & 27E | 27E 26E 26E 27E 19, 24, 25 and 30 | | --- |

The perimeter of these sections bounded on the North by the Columbia River.

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

MUNICIPAL SUPPLY—

13. To supply the city of IRRIGON in Morrow county, having a present population of 295 and an estimated population of 400 in 1988.

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$70,000.00
15. Construction work will begin on or before 1 August 1968
16. Construction work will be completed on or before 1 January 1969
17. The water will be completely applied to the proposed use on or before 1 January 1979

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. The City owns a small well on a piece of property with which it was acquired - do not have formal permit.

Handwritten signature of the Mayor with the text '(Signature of applicant)' below it.

Remarks: followed by multiple horizontal dotted lines for notes.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before, 19

WITNESS my hand this day of, 19

STATE ENGINEER
By ASSISTANT

STATE OF OREGON, }
County of Marion, } ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 1.0 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from a well

The use to which this water is to be applied is municipal

If for irrigation, this appropriation shall be limited to ~~of one cubic foot per second~~ of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is August 5, 1968

Actual construction work shall begin on or before March 19, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970

Complete application of the water to the proposed use shall be made on or before October 1, 1971

WITNESS my hand this 19th day of March, 1969.

Chris L. Wheeler
STATE ENGINEER

Application No. G- 4534
Permit No. G- G 4269

PERMIT

TO APPROPRIATE THE GROUND
WATERS OF THE STATE
OF OREGON

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the 5th day of August
1968, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

March 19, 1969

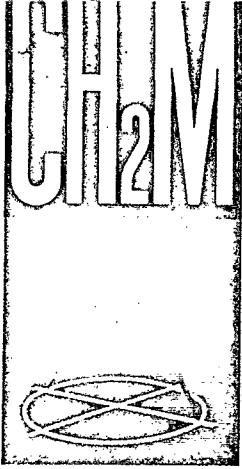
Recorded in book No. _____ of _____

Ground Water Permits on page G 4269

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 7 page 62

700



Umitilla G.

RECEIVED
DEC 5 1968

STATE ENGINEER
SALEM OREGON

CORNELL, HOWLAND, HAYES & MERRYFIELD
E N G I N E E R S A N D P L A N N E R S

LOGAN BUILDING • 500 UNION STREET • SEATTLE, WASHINGTON 98101
TELEPHONE: AREA CODE 206/624-3623
OTHER OFFICES IN: PORTLAND • BOISE • CORVALLIS

S-4952.2

4 December 1968

Oregon State Board of Health
State Office Building
1400 S. W. Fifth Avenue
Portland, Oregon 97201

Well No. 1 - City of Irrigon, Oregon

Gentlemen:

The above well was drilled to a depth of 317 feet, and artesian flow of about 15 gallons per minute (gpm) with a shut-in pressure of 5 pounds per square inch was obtained on 16 October 1968. This water was allowed to flow freely to waste for about three weeks and did not appear to diminish in quantity or improve in quality which was unsatisfactory due to a high hydrogen sulphide content.

A pumping test on 13 November 1968 produced about 150 gallons per minute for four hours with pumping level of 210 feet, and 100 gpm for the next twelve hours from about 135 feet. A strong odor of H₂S persisted and a field test kit indicated a concentration of 1.0 part per million (ppm). Temperature was 64° F. At this time the well was continuously cased 6-inch diameter from the surface to 199 feet depth with concrete seal outside the casing at that depth. There was open 6-inch rock hole to 317 feet and 12-inch casing through alluvium from surface to 85 feet depth with cement grout seal water-tested at that depth.

It was decided to seal out the poor quality water by placing a cement grout plug from 282 feet to 270 feet in the open 6-inch hole on sand and gravel backfill from the bottom of the hole at 317 feet. This plug was checked out after three days by bailing down without recovery of the artesian pressure. As an added precaution, the hole was backfilled with sand and gravel from 270 feet to 255 feet and a second grout plug placed from 255 feet to 245 feet.

The 6-inch casing was perforated with a Mills knife from 185 feet up to 125 feet with six holes around per foot, and the static water level of 38 feet originally experienced in the basalt returned. The water level in the top alluvial material had been 38 feet which was cased out with the 12-inch casing and became 36 feet when drilling in the basalt.



A second pump test was conducted on 20 November 1968 which produced 140 gallons per minute from a depth of 153 feet after twenty-eight hours of pumping. This water was of better quality and field tested at 0.1 ppm H₂S or less with some slight odor and no taste. Temperature was 62° F. It is intended to use this as the source of water for the City of Irrigon, possibly with simple aeration.

We enclose a copy of a chemical analysis of a sample of the water tested less than 24 hours after collection. It appears similar to other water obtained from the basalt in the area and acceptable for municipal supply. We are presently proceeding with final design of the supply facilities which will be submitted for your review and approval on completion, but would appreciate your assurance that the chemical characteristics of the water are acceptable.

Very truly yours,

CORNELL, HOWLAND, HAYES & MERRYFIELD

Antony B. Barnes

ABB/dc

Enclosure: Chemical Analysis

cc: Mr. Chester A. Wilson, Mayor, Irrigon
Mr. James R. Sheetz, District Sanitary Engineer, Pendleton
Morrow County Health Officer, Boardman
✓ State Engineer's Office, Salem

NORTHWEST LABORATORIES

APPLIED INDUSTRIAL RESEARCH

STAFF AFFILIATIONS: A.S.T.M.-A.C.S.-A.I.Ch.E.-A.C.I.-A.S.M.-A.O.C.S.-A.M.E.-N.S.P.E.-A.C.I.L.

200 JAMES STREET • SEATTLE, WASHINGTON 98104 • TELEPHONE MA. 2-0680

Report to: **Cornell, Howland, Hayes & Marryfield**

Date: **November 26, 1968**

Report on: **Water Sample**

Lab. No. **C 6628**

IDENTIFICATION: City of Irrigon, Oregon. Water from about 150 depth in partly decomposed basalt for analysis for domestic supply Sample taken 11-21-68 at 5:00 p.m.

PHYSICAL CHARACTERISTICS:

Color (Cobalt-Platinum Scale) 1
Turbidity 2
Dissolved Solids 298.0

See letter - Umatilla Co.

** Will plug at 200 ft. H₂S below 200 to 317*

CHEMICAL CHARACTERISTICS:

pH 8.0

Ionic:

| | <u>PPM*</u> | <u>PPM**</u> |
|--------------------------|----------------|--------------|
| Silica, SiO ₂ | 65.5 | 2.1812 |
| Iron, Fe | 0.10 | --- |
| Calcium, Ca | 7.3 | 0.364 |
| Magnesium, Mg, | 2.9 | 0.239 |
| Potassium + Sodium as Na | 109.8 | 4.774 |
| Manganese, Mn | Less Than 0.01 | --- |

| | | |
|-------------------------------------|----------------|-------|
| Hydroxyl, OH | None | --- |
| Carbonate, CO ₃ | 10.9 | 0.363 |
| Bicarbonate, HCO ₃ | 252.1 | 4.134 |
| Sulphate, SO ₄ | 8.4 | 0.175 |
| Chloride, Cl | 25.0 | 0.705 |
| Nitrate Nitrogen as NO ₃ | 0.04 | --- |
| Phosphate, PO ₄ | Less Than 0.01 | --- |
| Fluoride, F | 1.6 | --- |
| Free CO ₂ | 4.1 | --- |

| | |
|--|-------------------------------|
| Normal Carbonate Alkalinity as CaCO ₃ | 18.2 |
| Bicarbonate Alkalinity as CaCO ₃ | 206.6 |
| Total Hardness as CaCO ₃ | 30.2 |
| Non Carbonate Hardness as CaCO ₃ | None |
| Hardness Classification | Soft Water (Range: 15-50 PPM) |

* Parts Per Million

**Equivalent Parts Per Million

NORTHWEST LABORATORIES

Clyde J. Ambacher
Clyde J. Ambacher

Water Right "B"
(Active)
Certificate G-93325
Alluvial 0.89cfs/400 gpm

STATE OF OREGON
COUNTY OF MORROW
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF IRRIGON
PO BOX 428
IRRIGON OR 97844

confirms the right to the use of water perfected under the terms of Permit G-7241. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the wells. The specific limits and conditions of the use are listed below.

SOURCE OF WATER: WELL #2, WELL #3 AND WELL #4 WITHIN COLUMBIA RIVER BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.89 CUBIC FOOT PER SECOND

DATE OF PRIORITY: FEBRUARY 8, 1977

The wells are located as follows:

| Twp | Rng | Mer | Sec | Q-Q | Measured Distances |
|-----|------|-----|-----|-------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH AND 545 FEET WEST FROM E1/4 CORNER, SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH AND 1990 FEET WEST FROM E1/4 CORNER, SECTION 23 |
| 5 N | 27 E | WM | 19 | SW SW | WELL #2 - 1220 FEET NORTH AND 440 FEET EAST FROM SW CORNER, SECTION 19 |

A description of the place of use is as follows:

| Twp | Rng | Mer | Sec | Q-Q | Twp | Rng | Mer | Sec | Q-Q |
|-----|------|-----|-----|-------|-----|------|-----|-----|-------|
| 5 N | 26 E | WM | 24 | NE SE | 5 N | 27 E | WM | 19 | SE SW |
| 5 N | 26 E | WM | 24 | NW SE | 5 N | 27 E | WM | 19 | NE SE |
| 5 N | 26 E | WM | 24 | SW SE | 5 N | 27 E | WM | 19 | NW SE |
| 5 N | 26 E | WM | 24 | SE SE | 5 N | 27 E | WM | 19 | SW SE |
| 5 N | 26 E | WM | 25 | NE NE | 5 N | 27 E | WM | 19 | SE SE |
| 5 N | 26 E | WM | 25 | NW NE | 5 N | 27 E | WM | 30 | NE NE |
| 5 N | 27 E | WM | 19 | NE SW | 5 N | 27 E | WM | 30 | NW NE |
| 5 N | 27 E | WM | 19 | NW SW | 5 N | 27 E | WM | 30 | NE NW |
| 5 N | 27 E | WM | 19 | SW SW | 5 N | 27 E | WM | 30 | NW NW |

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and 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.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.


The water user shall maintain an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The water user shall maintain and operate the measuring device as required by the Department.

Water may be applied to lands which are not specifically described above, provided the holder of this right complies with ORS 540.510(3).

The wells shall be maintained in accordance with General Standards for the Construction and Maintenance of Water Wells in Oregon.

This certificate is issued to confirm a change in ADDITIONAL POINTS OF APPROPRIATION approved by an order of the Water Resources Director entered February 11, 2008, at Special Order Volume 74, Page 136, approving Transfer Application 10470, and supercedes Certificate 81677, State record of Water Right Certificates.

Issued DEC 08 2017


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

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 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.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

STATE OF OREGON

COUNTY OF MORROW

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF IRRIGON
P.O. BOX 428
IRRIGON, OREGON 97844

confirms the right to use the waters of WELL NO. 2 in the COLUMBIA RIVER BASIN for MUNICIPAL USE.

This right was perfected under Permit G-724. The date of priority is FEBRUARY 8, 1977. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.89 CUBIC FOOT PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

WELL NO. 2 - SW 1/4 SW 1/4, SECTION 19, TOWNSHIP 5 NORTH, RANGE 27 EAST, W.M.; 1220 FEET NORTH AND 440 FEET EAST FROM THE SW CORNER OF SECTION 19.

A description of the place of use to which this right is appurtenant is as follows:

SE 1/4
SECTION 24
TOWNSHIP 5 NORTH, RANGE 26 EAST, W.M.

SUPERSEDED BY
CERT. NO. 93325

SPOV 74 PG 136

G-7703.GC

Certificate Number 81677

F-10470

N 1 /2 NE 1/4
SECTION 25
TOWNSHIP 5 NORTH, RANGE 26 EAST, W.M.

S 1 /2
SECTION 19

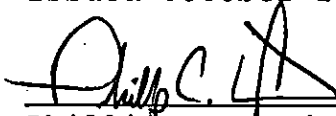
N 1 /2 NE 1/4
N 1 /2 NW 1/4
SECTION 30
TOWNSHIP 5 NORTH, RANGE 27 EAST, W.M.

Water may be applied to lands which are not specifically described above, provided the holder of this right complies with ORS 540.510(3).

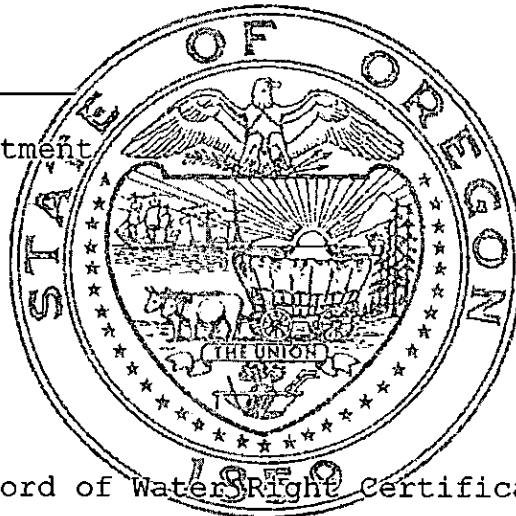
The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

Issued October 13, 2005.

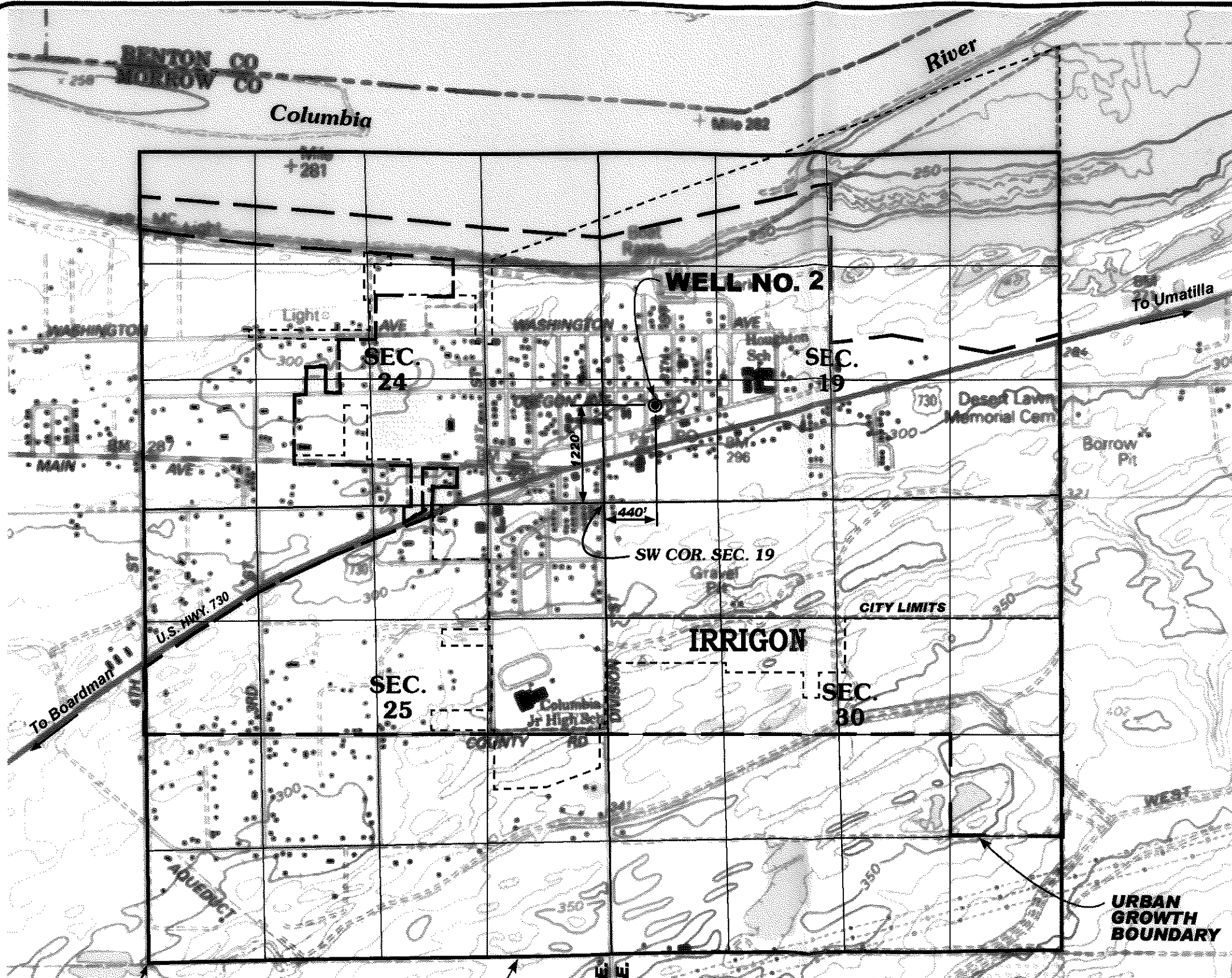


Phillip C. Ward
Water Resources Department



Recorded in State Record of Water Right Certificates Number 81677.

G-7703.GC



SW COR. SEC. 25

**CITY OF IRRIGON
WATER USE AREA**

RECEIVED

APR 21 2005

WATER RESOURCES DEPT
SALEM, OREGON



T.5 N., R.26-27 E., W.M.
1" = 1320'

● POINT OF APPROPRIATION - WELL NO. 2 IS 1220' NORTH
AND 440' EAST OF THE SW CORNER OF SECTION 19.

PLACE OF USE
CITY OF IRRIGON WATER USE AREA

T.5 N., R.26 E.

| | |
|---------------|---------------|
| SEC 24 | SEC 25 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 14 | |
| SE 1/4 | |

T.5 N., R.27 E.

| | |
|---------------|---------------|
| SEC 19 | SEC 30 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 14 | |
| SE 1/4 | |



EXPIRATION DATE: 2-31-06

DATE: 9-18-2005

NOTE:
THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER
RIGHT ONLY AND IS NOT INTENDED TO PROVIDE LEGAL
DIMENSIONS OR LOCATIONS OF PROPERTY LINES.

LAST REVISION: JANUARY 5, 2005



CITY OF
IRRIGON, OREGON
CLAIM OF BENEFICIAL USE MAP

PERMIT NOS. G-7241
APPLICATION NOS. G-7703

FIGURE

1

RECEIVED

81077 leg

WATER RESOURCES DEPT
SALEM, OREGON

Permit No. G-7211

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, City of Irrigon (Name of applicant)
of Irrigon (Postoffice Address), county of Morrow,
state of Oregon 97844, do hereby make application for a permit to appropriate the
following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

November 15, 1956, Heppner, Oregon

1. Give name of nearest stream to which the well, tunnel or other source of water development is
situated Columbia River (Name of stream)

tributary of

2. The amount of water which the applicant intends to apply to beneficial use is .8913 cubic
feet per second or 400 gallons per minute.

3. The use to which the water is to be applied is Municipal

4. The well or other source is located 1300 ft. N and 550 ft. E from the SW
corner of Section 19 (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the NE 1/4 SW 1/4 SW 1/4 of Sec. 19, Twp. 5N, R. 27E,
W. M., in the county of Morrow

5. The 6" I.D. Pipeline (Canal or pipe line) to be miles
in length, terminating in the NE 1/4 SW 1/4 SW 1/4 of Sec. 19, Twp. 5N,
R. 27E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is City of Irrigon Well #2

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the
supply when not in use must be described.

12" I.D. well will be sealed, grouted and cased in accordance with all applicable
State requirements. When not in use, pump and equipment will be shut off by auto-
matic controls and in-plant gate valves.

8. The development will consist of a drilled well (Give number of wells, tunnels, etc.) having a
diameter of 12 inches and an estimated depth of 72 feet. It is estimated that 52
feet of the well will require steel (Kind) casing/ Depth to water table is estimated 50 (Feet)

9087

CANAL SYSTEM OR PIPE LINE—

G 7211

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type 400 gpm vertical turbine pump and motor.

Give horsepower and type of motor or engine to be used 15 HP 1750 RPM

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

Well site situated approximately 1600 feet south of the Columbia River

12. Location of area to be irrigated, or place of use

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|-------------------|---------------------------------------|---------|----------------------|------------------------------|
| 5N | 26E | 24 | NW 1/4 SE 1/4 | 40 |
| 5N | " | " | SW 1/4 NE 1/4 SE 1/4 | 40 |
| 5N | " | " | SW 1/4 SE 1/4 | 40 |
| 5N | " | " | SE 1/4 SE 1/4 | 40 |
| 5N | 26E | 25 | SW 1/4 NW 1/4 NE 1/4 | 40 |
| 5N | " | " | NE 1/4 NE 1/4 | 40 |
| 5N | 27E | 19 | NW 1/4 SW 1/4 | 40 |
| 5N | " | " | NE 1/4 SW 1/4 | 40 |
| 5N | " | " | SW 1/4 SW 1/4 | 40 |
| 5N | " | " | SE 1/4 SW 1/4 | 40 |
| 5N | " | " | NW 1/4 SE 1/4 | 40 |
| 5N | " | " | NE 1/4 SE 1/4 | 40 |

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

Item 12 continuation

| Twp. | Range | Section | Forty-Acre Tract | # Acres |
|------|-------|---------|-----------------------------------|---------|
| 5N | 27E | 19 | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | 40 |
| 5N | " | " | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 40 |
| 5N | 27E | 30 | NW $\frac{1}{4}$ NW $\frac{1}{4}$ | 40 |
| 5N | " | " | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 40 |
| 5N | " | " | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | 40 |
| 5N | " | " | NE $\frac{1}{4}$ NE $\frac{1}{4}$ | 40 |

Application No. G-7703
Permit No. G 7211

MUNICIPAL SUPPLY—

G 7211

13. To supply the city of Irrigon
in Morrow county, having a present population of 450
and an estimated population of 1000 in 1997.

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$25,000
- 15. Construction work will begin on or before April 1, 1977
- 16. Construction work will be completed on or before May 1, 1977
- 17. The water will be completely applied to the proposed use on or before June 1, 1977
- 18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. City of Irrigon Well #1. Temporary permit G-4269 issued November 17, 1969 (File reference G4534)

Barbara Byrd
(Signature of applicant)
City of Irrigon Recorder

Remarks:

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction and completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 10, 1977.

WITNESS my hand this 10th day of March, 1977.

JAMES E. SEKSON
Director
By *Vestal R. Garner*
Vestal R. Garner

RECEIVED
MAY 10 1977

STATE OF OREGON, }
County of Marion, } ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.89 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from well No. 2

The use to which this water is to be applied is municipal

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is February 8, 1977

Actual construction work shall begin on or before June 30, 1978 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

Complete application of the water to the proposed use shall be made on or before October 1, 1979

WITNESS my hand this 30th day of June, 1977.

BC extended to 10-1-95

James E. Sisson
Water Resources Director STATE ENGINEER

ext. BC 2000

BC Extended to October 1, 1989

Application No. G-7703
7211
Permit No. G-

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 8 day of February, 1977, at 8 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. 7 page 81

5000

Water Right "C"
(Active)
Certificate G-93326
Alluvial 1.33 cfs/600 gpm

STATE OF OREGON
COUNTY OF MORROW
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF IRRIGON
PO BOX 428
IRRIGON OR 97844

confirms the right to the use of water perfected under the terms of Permit G-7563. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the wells. The specific limits and conditions of the use are listed below.

SOURCE OF WATER: WELL #2, WELL #3 AND WELL #4 WITHIN THE COLUMBIA RIVER BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 1.33 CUBIC FOOT PER SECOND

DATE OF PRIORITY: SEPTEMBER 9, 1977

The wells are located as follows:

| Twp | Rng | Mer | Sec | Q-Q | Measured Distances |
|-----|------|-----|-----|-------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH AND 545 FEET WEST FROM E1/4 CORNER, SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH AND 1990 FEET WEST FROM E1/4 CORNER, SECTION 23 |
| 5 N | 27 E | WM | 19 | SW SW | WELL #2 - 1220 FEET NORTH AND 440 FEET EAST FROM SW CORNER, SECTION 19 |

A description of the place of use is as follows:

| Twp | Rng | Mer | Sec | Q-Q | Twp | Rng | Mer | Sec | Q-Q |
|-----|------|-----|-----|-------|-----|------|-----|-----|-------|
| 5 N | 26 E | WM | 24 | NE SE | 5 N | 27 E | WM | 19 | SE SW |
| 5 N | 26 E | WM | 24 | NW SE | 5 N | 27 E | WM | 19 | NE SE |
| 5 N | 26 E | WM | 24 | SW SE | 5 N | 27 E | WM | 19 | NW SE |
| 5 N | 26 E | WM | 24 | SE SE | 5 N | 27 E | WM | 19 | SW SE |
| 5 N | 26 E | WM | 25 | NE NE | 5 N | 27 E | WM | 19 | SE SE |
| 5 N | 26 E | WM | 25 | NW NE | 5 N | 27 E | WM | 30 | NE NE |
| 5 N | 27 E | WM | 19 | NE SW | 5 N | 27 E | WM | 30 | NW NE |
| 5 N | 27 E | WM | 19 | NW SW | 5 N | 27 E | WM | 30 | NE NW |
| 5 N | 27 E | WM | 19 | SW SW | 5 N | 27 E | WM | 30 | NW NW |

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and 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.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

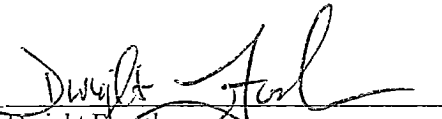
The water user shall maintain an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The water user shall maintain and operate the measuring device as required by the Department.

Water may be applied to lands which are not specifically described above, provided the holder of this right complies with ORS 540.510(3).

The wells shall be maintained in accordance with General Standards for the Construction and Maintenance of Water Wells in Oregon.

This certificate is issued to confirm a change in ADDITIONAL POINTS OF APPROPRIATION approved by an order of the Water Resources Director entered February 11, 2008, at Special Order Volume 74, Page 136, approving Transfer Application 10470, and supercedes Certificate 81678, State record of Water Right Certificates.

Issued DEC 08 2017



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

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 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.

In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

STATE OF OREGON

COUNTY OF MORROW

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF IRRIGON
P.O. BOX 428
IRRIGON, OREGON 97844

confirms the right to use the waters of WELL NO. 2 in the COLUMBIA RIVER BASIN for MUNICIPAL USE.

This right was perfected under Permit G-7563. The date of priority is September 9, 1977. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.33 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

WELL NO. 2 - SW 1/4 SW 1/4, SECTION 24, TOWNSHIP 5 NORTH, RANGE 27 EAST, W.M.; 1220 FEET NORTH AND 440 FEET EAST FROM THE SW CORNER OF SECTION 19.

A description of the place of use to which this right is appurtenant is as follows:

SE 1/4
SECTION 24
TOWNSHIP 5 NORTH, RANGE 26 EAST, W.M.

SUPERSEDED BY

CERT. NO. 93326

SPOV 74 PG 136

G-8439.GC

Certificate Number 81678

T-1047D

N 1 /2 NE 1/4
SECTION 25
TOWNSHIP 5 NORTH, RANGE 26 EAST, W.M.

S 1 /2
SECTION 19

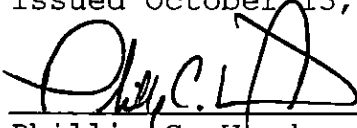
N 1 /2 NE 1/4
N 1 /2 NW 1/4
SECTION 30
TOWNSHIP 5 NORTH, RANGE 27 EAST, W.M.

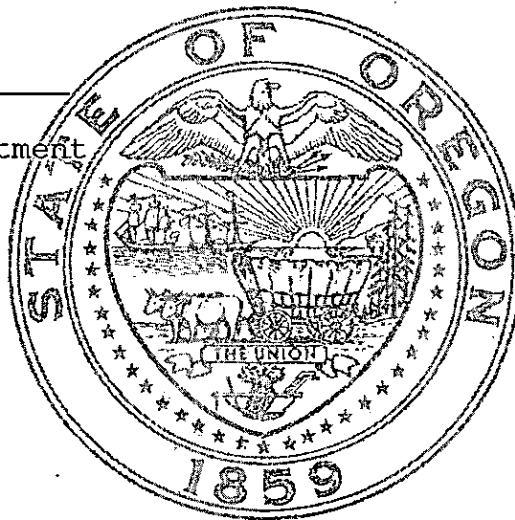
Water may be applied to lands which are not specifically described above, provided the holder of this right complies with ORS 540.510(3).

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

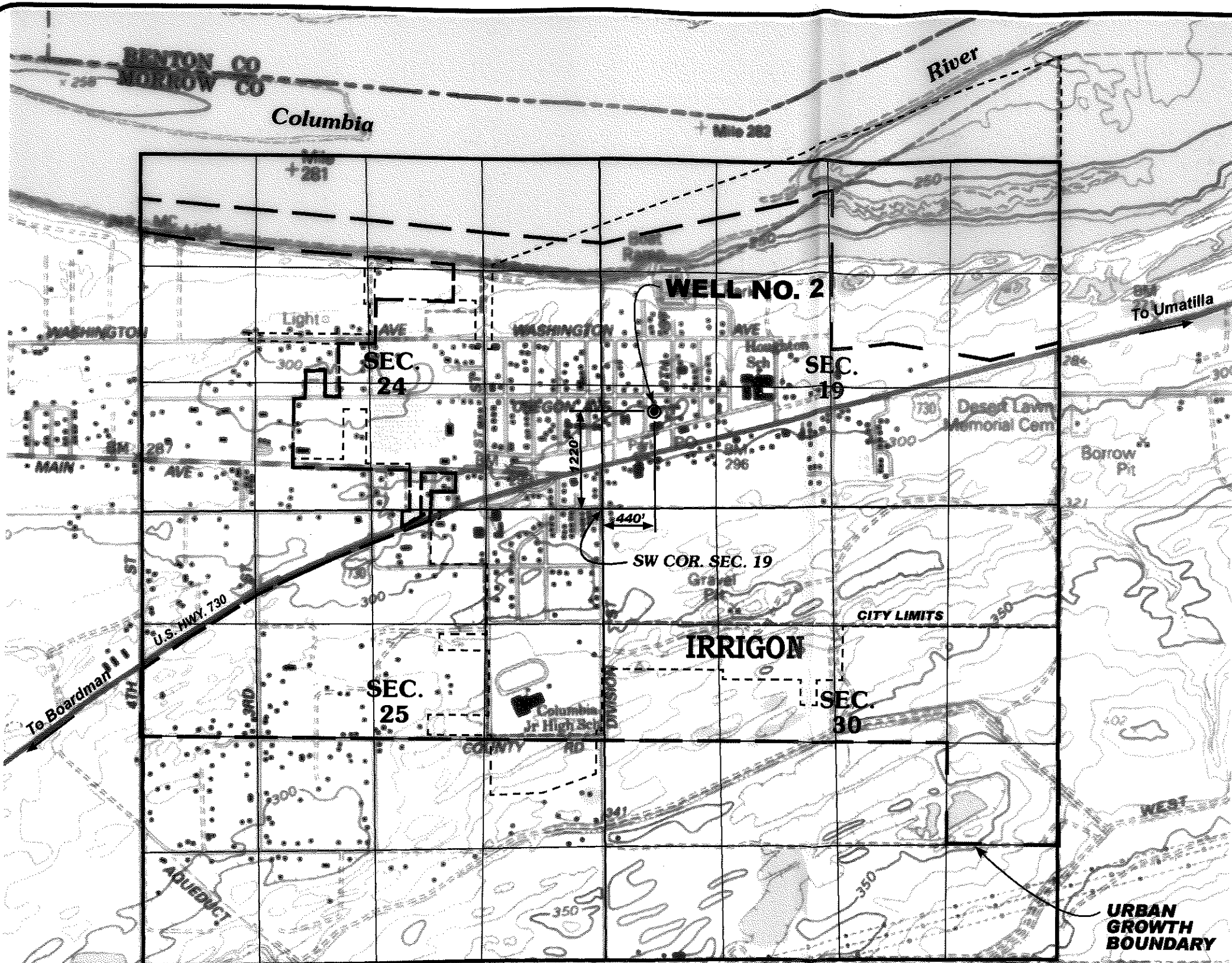
Issued October 13, 2005.


Phillip C. Ward
Water Resources Department



Recorded in State Record of Water Right Certificates Number 81678.

G-8439.GC



SW COR. SEC. 25

**CITY OF IRRIGON
WATER USE AREA**

RECEIVED

APR 21 2005

WATER RESOURCES DEPT
SALEM, OREGON



T.5 N., R.26-27 E., W.M.
1" = 1320'

● POINT OF APPROPRIATION - WELL NO. 2 IS 1220' NORTH AND 440' EAST OF THE SW CORNER OF SECTION 19.

PLACE OF USE
CITY OF IRRIGON WATER USE AREA

T.5 N., R.26 E.

| | |
|---------------|---------------|
| SEC 24 | SEC 25 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 1/4 | |
| SE 1/4 | |

T.5 N., R.27 E.

| | |
|---------------|---------------|
| SEC 19 | SEC 30 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 1/4 | |
| SE 1/4 | |



EXPIRATION DATE: 12-31-06

DATED: 4-18-2005

NOTE:
THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT ONLY AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATIONS OF PROPERTY LINES.

LAST REVISION: JANUARY 5, 2005

| | | |
|--|---|-----------------|
| | CITY OF IRRIGON, OREGON CLAIM OF BENEFICIAL USE MAP | FIGURE 1 |
| | PERMIT NOS. G-7563 APPLICATION NOS. G-8439 | |

5000
to view 1/2
each further down for info.

RECEIVED

Permit No. G-7563

SEP - 9 1977

APPLICATION FOR A PERMIT

WATER RESOURCES DEPT
SALEM, OREGON

To Appropriate the Ground Waters of the State of Oregon

I, City of Irrigon (Name of applicant)
of Irrigon (Postoffice Address), county of Morrow
state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation
November 15, 1956, Heppner, Oregon

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Columbia River (Name of stream)
tributary of _____

2. The amount of water which the applicant intends to apply to beneficial use is 1.35 cubic feet per second or 600 gallons per minute.

3. The use to which the water is to be applied is Municipal

4. The well or other source is located 1,300 ft. N and 550 ft. E from the SW corner of Section 19 (Section or subdivision)
(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)
being within the SW 1/4 SW 1/4 of Sec. 19, Twp. 5N, R. 27E
W. M., in the county of Morrow

5. The 6" ID Pipeline (Canal or pipe line) to be _____ miles in length, terminating in the NE 1/4 SW 1/4 SW 1/4 SW 1/4 (Smallest legal subdivision) of Sec. 19, Twp. 5N, R. 27E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is City of Irrigon Well #2

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.
12" ID well is sealed, grouted and cased in accordance with all applicable State requirements. When not in use, pump and equipment are shut off by automatic controls and in-plant gate valves.

8. The development will consist of a drilled well (Give number of wells, tunnels, etc.) having a diameter of 12 inches and an estimated depth of 72 feet. It is estimated that 52 feet of the well will require steel casing and 20' well screen (Kind) casing. Depth to water table is estimated 50 (Feet)

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type 900 gpm vertical turbine

Give horsepower and type of motor or engine to be used 30 HP 1800 RPM

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

Well site situated approximately 1,600 feet south of the Columbia River

12. Location of area to be irrigated, or place of use

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|-------------------|---------------------------------------|---------|-----------------------------------|------------------------------|
| 5N | 26E | 24 | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | 40 |
| " | " | " | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | " |
| " | " | " | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | " |
| " | " | " | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | " |
| " | " | 25 | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | " |
| " | " | " | NE $\frac{1}{4}$ NE $\frac{1}{4}$ | " |
| " | 27E | 19 | NW $\frac{1}{4}$ SW $\frac{1}{4}$ | " |
| " | " | " | NE $\frac{1}{4}$ SW $\frac{1}{4}$ | " |
| " | " | " | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | " |
| " | " | " | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | " |
| " | " | " | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | " |
| " | " | " | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | " |

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

Item 12 Continuation

| Twp | Range | Section | Forty Acre Tract | # Acres |
|-----|-------|---------|-----------------------------------|---------|
| 5N | 27E | 19 | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | 40 |
| " | " | " | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | " |
| " | " | 30 | NW $\frac{1}{4}$ NW $\frac{1}{4}$ | " |
| " | " | " | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | " |
| " | " | " | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | " |
| " | " | " | NE $\frac{1}{4}$ NE $\frac{1}{4}$ | " |

Application No. 68439
Permit No. G 7563

MUNICIPAL SUPPLY—

13. To supply the city of Irrigon
in Morrow county, having a present population of 550
and an estimated population of 1,500 in 1987; 2,500 in 1997

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

14. Estimated cost of proposed works, \$ ~~4,000.00~~ 5,500.00

15. Construction work will begin on or before April 1, 1977

16. Construction work will be completed on or before Sept. 1, 1977

17. The water will be completely applied to the proposed use on or before Sept. 1, 1977

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. City of Irrigon Well #1 Temporary permit G-4269, 1969; Permit G-7703, 1977

Hermon D. Stewart
(Signature of applicant)

Remarks: The application contained herein is supplemental to Permit G-7703
and is a request to appropriate 600 gpm additional water from existing well #2 (G-7703)
Additional annexation to the City of Irrigon since drilling of well #2 has been
included under Item 12. The amount shown under Item 14 reflects the difference
in costs to increase the well pump, motor and piping from 400 gpm(G-7703) to
900 gpm (G-7703 + this Application)

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before _____, 19____.

WITNESS my hand this _____ day of _____, 19____.

STATE ENGINEER

By _____ ASSISTANT

STATE OF OREGON, }
County of Marion, } ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 1.33 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from well # 2

The use to which this water is to be applied is municipal

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the well shall be completed in the alluvium estimated to be 75 feet in depth and restricted to appropriation of water from alluvium (sand and gravel) aquifer and shall not penetrate the underlying basalt estimated to be 75 feet below land surface,

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is September 9, 1977

Actual construction work shall begin on or before October 12, 1978 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

Extended to Oct. 1, 1984 Extended to October 1, 1989, 10-1-95

Complete application of the water to the proposed use shall be made on or before October 1, 1980

Extended to Oct. 1, 1984 Extended to October 1, 1989, 10-1-95

WITNESS my hand this 12th day of October, 1977

James E. ...
Water Resources Director

ext. BC2000

Application No. G- 8439
Permit No. G- 7563

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 9 day of September, 1977, at 11:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. of Ground Water Permits on page

STATE ENGINEER

Drainage Basin No. page

Water Rights "B&C"
(Active)

Certificate G-93325

Certificate G-93326

Shared Information

Authorized Place of Use:

| Twp | Rng | Mer | Sec | Q-Q |
|-----|-----|-----|-----|-------|
| 5 N | 26E | WM | 24 | NE SE |
| 5 N | 26E | WM | 24 | NW SE |
| 5 N | 26E | WM | 24 | SW SE |
| 5 N | 26E | WM | 24 | SE SE |
| 5 N | 26E | WM | 25 | NE NE |
| 5 N | 26E | WM | 25 | NW NE |
| 5 N | 27E | WM | 19 | NE SW |
| 5 N | 27E | WM | 19 | NW SW |
| 5 N | 27E | WM | 19 | SW SW |
| 5 N | 27E | WM | 19 | SE SW |
| 5 N | 27E | WM | 19 | NE SE |
| 5 N | 27E | WM | 19 | NW SE |
| 5 N | 27E | WM | 19 | SW SE |
| 5 N | 27E | WM | 19 | SE SE |
| 5 N | 27E | WM | 30 | NE NE |
| 5 N | 27E | WM | 30 | NW NE |
| 5 N | 27E | WM | 30 | NE NW |
| 5 N | 27E | WM | 30 | NW NW |

3. Application T-10470 proposes to add two new additional points of appropriation (wells) to the above described water right approximately 1½ miles west from the existing point of appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|-----|------|-----|-----|-------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH AND 545 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH AND 1990 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |

4. The SECOND right to be transferred is as follows:

Certificate: 81678 in the name of the CITY OF IRRIGON (perfected under Permit G-7563)

Use: MUNICIPAL USE

Priority Date: SEPTEMBER 9, 1977

Rate: 1.33 CUBIC FEET PER SECOND (cfs)

Source: WELL NO. 2 within the COLUMBIA RIVER BASIN

Authorized Point of Appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|-----|------|-----|-----|-------|--|
| 5 N | 27 E | WM | 19 | SW SW | WELL #2 - 1220 FEET NORTH AND 440 FEET EAST FROM THE SW CORNER OF SECTION 19 |

Authorized Place of Use:

| Twp | Rng | Mer | Sec | Q-Q |
|-----|-----|-----|-----|-------|
| 5 N | 26E | WM | 24 | NE SE |
| 5 N | 26E | WM | 24 | NW SE |
| 5 N | 26E | WM | 24 | SW SE |

| Twp | Rng | Mer | Sec | Q-Q |
|-----|-----|-----|-----|-------|
| 5 N | 26E | WM | 24 | SE SE |
| 5 N | 26E | WM | 25 | NE NE |
| 5 N | 26E | WM | 25 | NW NE |
| 5 N | 27E | WM | 19 | NE SW |
| 5 N | 27E | WM | 19 | NW SW |
| 5 N | 27E | WM | 19 | SW SW |
| 5 N | 27E | WM | 19 | SE SW |
| 5 N | 27E | WM | 19 | NE SE |
| 5 N | 27E | WM | 19 | NW SE |
| 5 N | 27E | WM | 19 | SW SE |
| 5 N | 27E | WM | 19 | SE SE |
| 5 N | 27E | WM | 30 | NE NE |
| 5 N | 27E | WM | 30 | NW NE |
| 5 N | 27E | WM | 30 | NE NW |
| 5 N | 27E | WM | 30 | NW NW |

5. Transfer Application T-10470 proposes to add two new additional points of appropriation (wells) to the above described water right approximately 1½ miles west from the existing point of appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|-----|------|-----|-----|-------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH AND 545 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH AND 1990 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |

6. Notice of the application for transfer was published on October 23, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
7. On November 9, 2007, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-10470 to the applicant. The draft Preliminary Determination set forth a deadline of December 10, 2007, for the applicant to respond. The applicant requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
8. The cover letter that accompanied the draft Preliminary Determination noted that an agreement exists between the applicant and the Corps of Engineers who own the lands upon which the two new proposed wells will be located. The easement and pipeline right of way agreement for delivery of water to the City of Irrigon from the Corps was received by the Department on November 13, 2007 and satisfies the requirements for written authorization and proof of ownership. The agreement with the City of Irrigon is for a term of 25 years, commencing July 1, 2007, and ending June 30, 2032. The approval of the transfer in itself does not allow access to the Corps of Engineers land. The City of Irrigon will need to acquire modification and/or continuance of the easement to have legal access to use the wells after that period.

9. On December 13, 2007, the Department issued a Preliminary Determination proposing to approve Transfer Application T-10470 and mailed a copy to the applicants. Additionally, notice of the Preliminary Determination for the transfer application was published on the Department's weekly notice on December 18, 2007, and in the Hermiston Herald newspaper on December 28, 2007, January 4 and 11, 2008, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notice.
10. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610. The applicant is a municipality as defined under ORS 540.510(3)(b) and may rebut any presumption of forfeiture under ORS 540.610 (2).
11. A well, pump, pipeline, and delivery system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Application T-10470.
12. The proposed change would not result in enlargement of the rights.
13. The proposed change would not result in injury to other water rights.

Conclusions of Law

The addition of points of appropriation as proposed in Transfer Application T-10470 is consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000.


Now, therefore, it is ORDERED:

1. The addition of points of appropriation as proposed in Transfer Application T-10470 is approved.
2. Water right certificates 81677 and 81678 are cancelled.
3. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 81677 and 81678 and any related decree.
4. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
5. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
6. Prior to diverting water, the water user shall install an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the measuring device must be approved by the Department prior to beginning construction and

shall be installed under the general supervision of the Department. The water user shall maintain and operate the measuring device as required by the Department.

7. The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2013. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
8. When satisfactory proof of the completed changes is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 11th day of February, 2008.


for Phillip C. Ward, Director

Mailing date: FEB 13 2008

Authorized Place of Use:

| Twp | Rng | Mer | Sec | Q-Q |
|-----|-----|-----|-----|-------|
| 5 N | 26E | WM | 24 | NE SE |
| 5 N | 26E | WM | 24 | NW SE |
| 5 N | 26E | WM | 24 | SW SE |
| 5 N | 26E | WM | 24 | SE SE |
| 5 N | 26E | WM | 25 | NE NE |
| 5 N | 26E | WM | 25 | NW NE |
| 5 N | 27E | WM | 19 | NE SW |
| 5 N | 27E | WM | 19 | NW SW |
| 5 N | 27E | WM | 19 | SW SW |
| 5 N | 27E | WM | 19 | SE SW |
| 5 N | 27E | WM | 19 | NE SE |
| 5 N | 27E | WM | 19 | NW SE |
| 5 N | 27E | WM | 19 | SW SE |
| 5 N | 27E | WM | 19 | SE SE |
| 5 N | 27E | WM | 30 | NE NE |
| 5 N | 27E | WM | 30 | NW NE |
| 5 N | 27E | WM | 30 | NE NW |
| 5 N | 27E | WM | 30 | NW NW |

3. Application T-10470 proposes to add two new additional points of appropriation (wells) to the above described water right approximately 1½ miles west from the existing point of appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|-----|------|-----|-----|-------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH and 545 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH and 1990 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |

4. The SECOND right to be transferred is as follows:

Certificate: 81678 in the name of the CITY OF IRRIGON (perfected under Permit G-7563)

Use: MUNICIPAL USE

Priority Date: SEPTEMBER 9, 1977

Rate: 1.33 CUBIC FEET PER SECOND (cfs)

Source: WELL NO. 2 within the COLUMBIA RIVER BASIN

Authorized Point of Appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|-----|------|-----|-----|-------|--|
| 5 N | 27 E | WM | 19 | SW SW | WELL #2 - 1220 FEET NORTH AND 440 FEET EAST FROM THE SW CORNER OF SECTION 19 |

Authorized Place of Use:

| Twp | Rng | Mer | Sec | Q-Q |
|-----|-----|-----|-----|-------|
| 5 N | 26E | WM | 24 | NE SE |
| 5 N | 26E | WM | 24 | NW SE |
| 5 N | 26E | WM | 24 | SW SE |
| 5 N | 26E | WM | 24 | SE SE |

| Twp | Rng | Mer | Sec | Q-Q |
|------------|------------|------------|------------|------------|
| 5 N | 26E | WM | 25 | NE NE |
| 5 N | 26E | WM | 25 | NW NE |
| 5 N | 27E | WM | 19 | NE SW |
| 5 N | 27E | WM | 19 | NW SW |
| 5 N | 27E | WM | 19 | SW SW |
| 5 N | 27E | WM | 19 | SE SW |
| 5 N | 27E | WM | 19 | NE SE |
| 5 N | 27E | WM | 19 | NW SE |
| 5 N | 27E | WM | 19 | SW SE |
| 5 N | 27E | WM | 19 | SE SE |
| 5 N | 27E | WM | 30 | NE NE |
| 5 N | 27E | WM | 30 | NW NE |
| 5 N | 27E | WM | 30 | NE NW |
| 5 N | 27E | WM | 30 | NW NW |

5. Application T-10470 proposes to add two new additional points of appropriation (wells) to the above described water right approximately 1½ miles west from the existing point of appropriation:

| Twp | Rng | Mer | Sec | Q-Q | Survey Coordinates |
|------------|------------|------------|------------|------------|--|
| 5 N | 26 E | WM | 23 | SE NE | WELL #3 - 700 FEET NORTH AND 545 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |
| 5 N | 26 E | WM | 23 | SW NE | WELL #4 - 870 FEET NORTH AND 1990 FEET WEST FROM THE E¼ CORNER OF SECTION 23 |

6. Notice of the application for transfer was published on October 23, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
7. On November 9, 2007, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-10470 to the applicant. The draft Preliminary Determination set forth a deadline of December 10, 2007, for the applicant to respond. The applicant requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
8. The cover letter that accompanied the draft Preliminary Determination noted that an agreement exists between the applicant and the Corps of Engineers who own the lands upon which the two new proposed wells will be located. The easement and pipeline right of way agreement for delivery of water to the City of Irrigon from the Corps was received by the Department on November 13, 2007 and satisfies the requirements for written authorization and proof of ownership. The agreement with the City of Irrigon is for a term of 25 years, commencing July 1, 2007, and ending June 30, 2032. The approval of the transfer in itself does not allow access to the Corps of Engineers land. The City of Irrigon will need to acquire modification and/or continuance of the easement to have legal access to use the wells after that period.
9. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are

subject to forfeiture under ORS 540.610. The applicant is a municipality as defined under ORS 540.510(3)(b) and may rebut any presumption of forfeiture under ORS 540.610 (2).

10. A well, pump, pipeline, and delivery system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Application T-10470.
11. The proposed change would not result in enlargement of the rights.
12. The proposed change would not result in injury to other water rights.

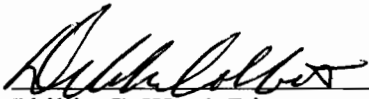
Determination and Proposed Action

The addition of points of appropriation as proposed in Transfer Application T-10470 appears to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

If application T-10470 is approved, the final order will include the following:

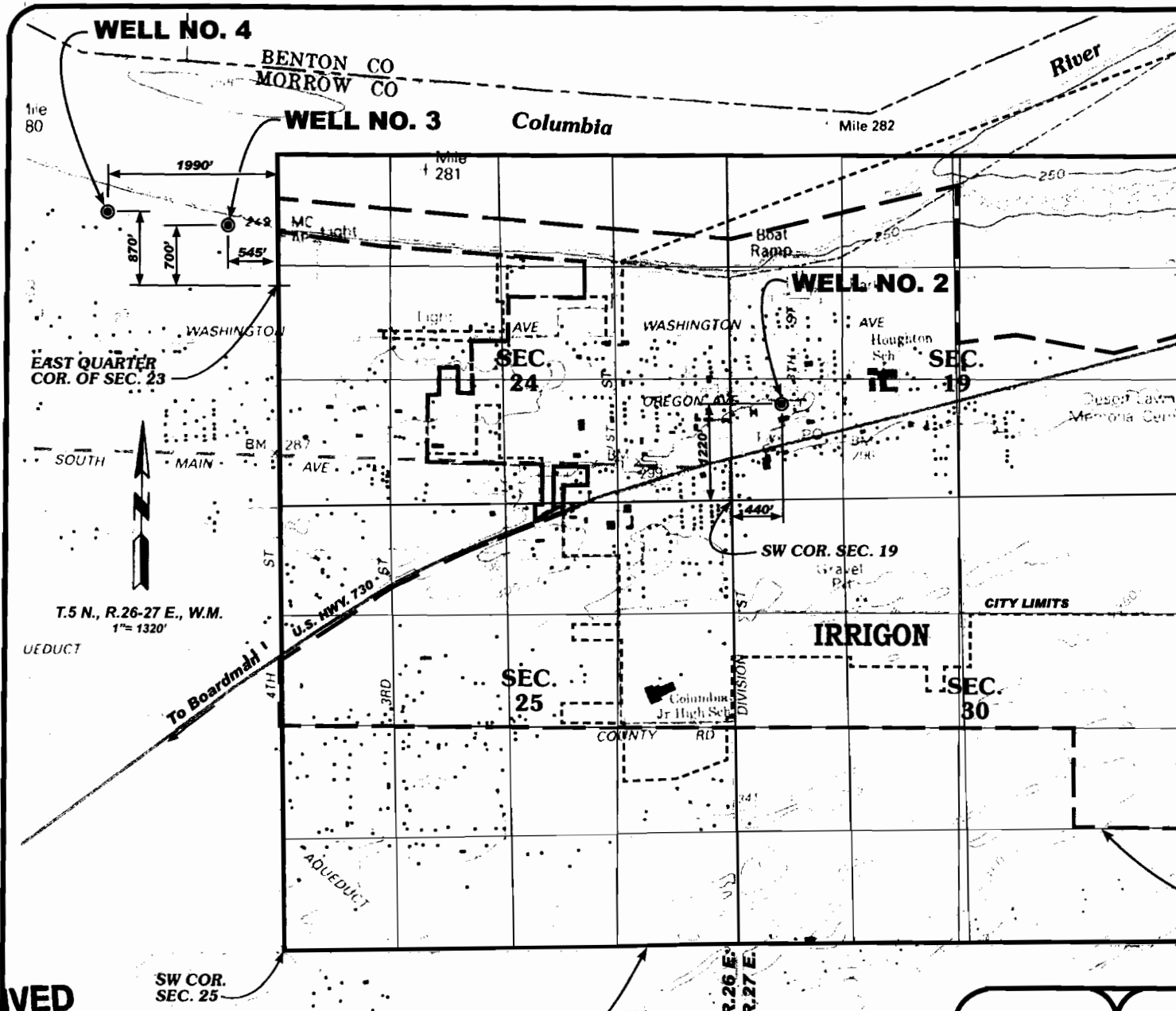
1. *The addition of points of appropriation as proposed in Transfer Application T-10470 is approved.*
2. *Water right certificates 81677 and 81678 are cancelled.*
3. *The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 81677 and 81678 and any related decree.*
4. *Water shall be acquired from the same aquifer (water source) as the original point of appropriation.*
5. *The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.*
6. *Prior to diverting water, the water user shall install an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department. The water user shall maintain and operate the measuring device as required by the Department.*
7. *The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2009. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.*
8. *When satisfactory proof of the completed changes is received, new certificates confirming the rights transferred will be issued.*

Dated at Salem, Oregon this 13 day of December 2007.


for Phillip C. Ward, Director

This Preliminary Determination was prepared by Ken Dowden. If you have questions about the information in this document, you may reach me at 541-278-5456 or Ken.D.Dowden@wrд.state.or.us.

Protests should be addressed to the attention of Field Services Division, Water Resources Department, 725 Summer St. NE, Suite A, Salem, OR 97301-1266.



- ORIGINAL POINT OF APPROPRIATION
WELL NO. 2 IS 1220' NORTH AND 440' EAST
OF THE SW CORNER OF SECTION 19.
- ADDITIONAL POINT OF APPROPRIATION
WELL NO. 3 IS 700' NORTH AND 545' WEST
OF THE EAST QUARTER CORNER OF
SECTION 23.
- ADDITIONAL POINT OF APPROPRIATION
WELL NO. 4 IS 870' NORTH AND 1990' WEST
OF THE EAST QUARTER CORNER OF
SECTION 23.

PLACE OF USE
CITY OF IRRIGON WATER USE AREA

| | |
|------------------------|---------------|
| T.5 N., R.26 E. | |
| SEC 24 | SEC 25 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 14 | |
| SE 1/4 | |
| T.5 N., R.27 E. | |
| SEC 19 | SEC 30 |
| SW 1/4 NE 1/4 | NE 1/4 |
| SE 1/4 NE 1/4 | NW 1/4 |
| SW 1/4 NW 1/4 | SW 1/4 |
| SE 1/4 NW 1/4 | SE 1/4 |
| SW 14 | |
| SE 1/4 | |

NOTE:
THIS MAP IS FOR THE PURPOSE OF
LOCATING A WATER RIGHT ONLY
AND IS NOT INTENDED TO PROVIDE
LEGAL DIMENSIONS OR LOCATIONS OF
PROPERTY LINES.



EXPIRATION DATE: 12-31-09
DATED: 09-27-07

LAST REVISION: SEPTEMBER 18, 2007

RECEIVED
OCT 04 2007
WATER RESOURCES DEPT
SALEM OREGON

**CITY OF IRRIGON
WATER USE AREA**

| | | |
|--|--|-----------------|
| | CITY OF IRRIGON, OREGON APPLICATION MAP - WATER RIGHT TRANSFER | FIGURE 1 |
| | CERTIFICATES NO. 81677 AND 81678 | |

1 10470

CITY OF IRRIGON
CLAIM OF BENEFICIAL USE MAP
 APPLICATION T-10470

PROJECTION:
 State Plane North, NAD '83

POINTS OF APPROPRIATION:
 Well #3 - 5N 26E W.M. Sec 23, Gov. Lot 1 (SE/NE): 700' N and 545' W from the E 1/4 Corner of Section 23.
 Well #4 - 5N 26E W.M. 23 Sec. Gov. Lot 2 (SW/NE): 870' N and 1990' W from the E 1/4 Corner of Section 23.

AUTHORIZED PLACE OF USE:

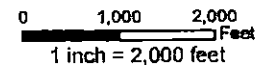
- 5N 26E WM 24 NE SE
- 5N 26E WM 24 NW SE
- 5N 26E WM 24 SW SE
- 5N 26E WM 24 SE SE
- 5N 26E WM 25 NE NE
- 5N 26E WM 25 NW NE
- 5N 27E WM 19 NE SW
- 5N 27E WM 19 NW SW
- 5N 27E WM 19 SW SW
- 5N 27E WM 19 SE SW
- 5N 27E WM 19 NE SE
- 5N 27E WM 19 NW SE
- 5N 27E WM 19 SW SE
- 5N 27E WM 19 SE SE
- 5N 27E WM 30 NE NE
- 5N 27E WM 30 NW NE
- 5N 27E WM 30 NE NW
- 5N 27E WM 30 NW NW

RECEIVED

JUN 28 2013

WATER RESOURCES DEPT

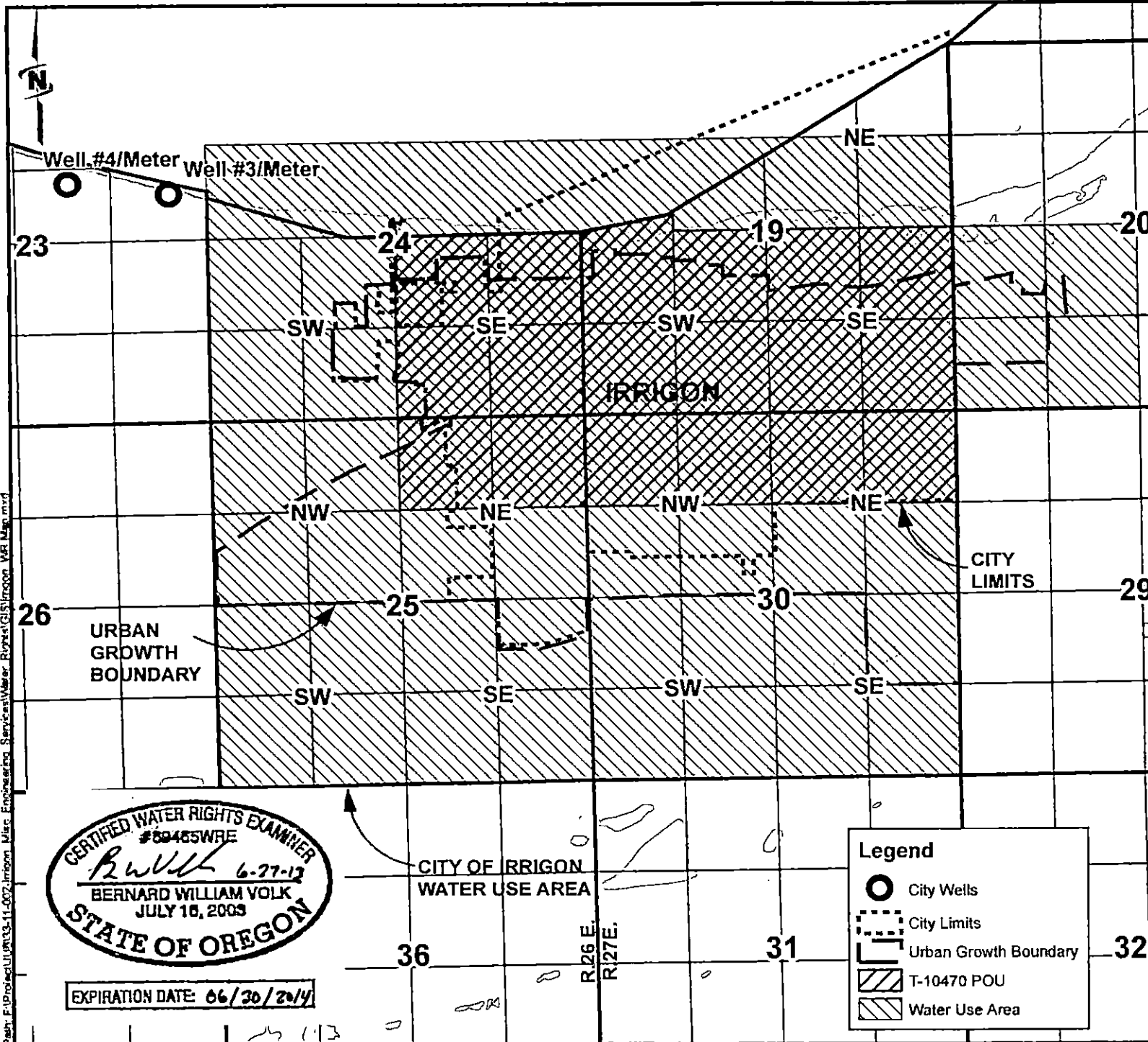
NOTE: "This map is not intended to provide legal dimensions or locations of property ownership lines."



JUB ENGINEERS, INC.

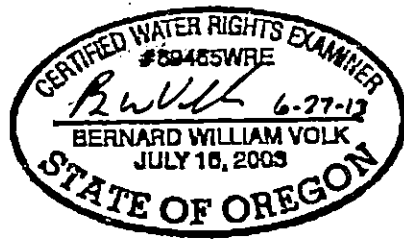


Date: 6/27/2013



Legend

- City Wells
- City Limits
- Urban Growth Boundary
- T-10470 POU
- Water Use Area



EXPIRATION DATE: 06/30/2014

Path: F:\Protected\U:\03-11-007-irrigon Misc. Engineering Services\Water Rights\GIS\Irrigon_WRI_Maps.mxd

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO)
 COMPLETE CONSTRUCTION WORK AND)
 MAKE COMPLETE APPLICATION OF)
 WATER UNDER CERTAIN PERMITS.)

O R D E R

The above entitled matter now coming on for the consideration of the Water Resources Director, and it appearing that:

The holders of the following water right permits issued by the the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and make complete application of water to beneficial use under their respective water right permits;

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work or perfect a right under a water right permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles him to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it hereby is ORDERED that extensions of time are granted as follows:

| Name | Permit Number | To Complete Work | To Apply Water |
|--|---------------|------------------|-----------------|
| Chenowith Irrigation Cooperative, Inc. | G-294 | October 1, 1981 | October 1, 1981 |
| City of Salem | G-734 | October 1, 1984 | October 1, 1984 |
| City of Arlington | G-1201 | October 1, 1984 | October 1, 1984 |
| City of Pendleton | G-2410 | October 1, 1983 | October 1, 1983 |
| City of Florence | G-3040 | October 1, 1980 | October 1, 1980 |
| Port of Umatilla | G-3112 | October 1, 1984 | October 1, 1984 |
| City of Pendleton | G-3225 | October 1, 1983 | October 1, 1983 |
| Harbor Rural Water District | G-3240 | October 1, 1984 | October 1, 1984 |
| City of Wallowa | G-3353 | October 1, 1984 | October 1, 1984 |
| Shenandoah Homeowners, Inc. | G-3388 | October 1, 1981 | October 1, 1981 |
| West Lynn Corporation | G-4183 | October 1, 1981 | October 1, 1981 |

| Name | Permit Number | To Complete Work | To Apply Water |
|---------------------------------------|---------------|------------------|-----------------|
| Virgil W. Schmoe & Thelma Schmoe | G-4555 | October 1, 1973 | October 1, 1973 |
| Papoose Woodlands Improv. Dist. | G-4677 | October 1, 1980 | October 1, 1980 |
| City of Milton-Freewater | G-4924 | October 1, 1984 | October 1, 1984 |
| City of Bend | G-4946 | October 1, 1984 | October 1, 1984 |
| Willamette Factors, Inc. | G-5686 | October 1, 1980 | October 1, 1980 |
| Circle W. Properties, Inc. | | | |
| Oscar Spliid | | | |
| Carlton Woodward | G-5218 | October 1, 1982 | October 1, 1982 |
| City of Mosier | G-5410 | October 1, 1982 | October 1, 1982 |
| Hayden Island, Inc. | G-5498 | October 1, 1981 | October 1, 1981 |
| Hayden Island, Inc. | G-5658 | October 1, 1981 | October 1, 1981 |
| Hayden Island, Inc. | G-5659 | October 1, 1981 | October 1, 1981 |
| Robert L. Schmidt | G-5688 | | October 1, 1980 |
| Willamette Factors, Inc. | G-5500 | October 1, 1981 | October 1, 1981 |
| Marvin Glaser | G-5811 | | October 1, 1979 |
| David Cheney | G-5879 | October 1, 1979 | October 1, 1979 |
| Frank Mueller | G-5909 | October 1, 1979 | October 1, 1980 |
| Snow Goose Water Company | G-5924 | October 1, 1980 | October 1, 1980 |
| Hillview Dairy, Inc. | G-5953 | | October 1, 1980 |
| Paul M. Brown | G-5961 | October 1, 1981 | October 1, 1981 |
| Alsea Properties | G-6024 | October 1, 1980 | October 1, 1980 |
| City of Jordan Valley | G-6030 | October 1, 1983 | October 1, 1983 |
| Tygh Valley Water District | G-6034 | October 1, 1982 | October 1, 1982 |
| Elsie & D. T. Matthews | G-6065 | October 1, 1978 | |
| Fix Ranches | G-6067 | October 1, 1980 | October 1, 1980 |
| City of Burns | G-6090 | October 1, 1982 | October 1, 1982 |
| Luckiamute Domestic Water Cooperative | G-6093 | October 1, 1980 | October 1, 1980 |
| Dick Snow | G-6099 | October 1, 1979 | October 1, 1979 |
| Mills Mint Farm, Inc. | G-6135 | October 1, 1979 | |
| Estate of Irving Stanbro | | | |
| Delbert O. Kimberling, Personal Rep. | G-6178 | October 1, 1980 | October 1, 1980 |
| Phyllis June Boatwright | G-6211 | October 1, 1980 | October 1, 1980 |
| Jon Updegraff | G-6214 | October 1, 1979 | |
| Kenneth C. Bowman, Sr. | G-6233 | | October 1, 1980 |
| Scravell Hill Water Co-op | G-6253 | October 1, 1981 | October 1, 1981 |
| Gene and Rosemary Thornton | G-6256 | | October 1, 1980 |
| Gary W. Duyck | G-6257 | October 1, 1979 | |
| Celesta Yeoman | G-6270 | | October 1, 1980 |
| Robert P. Maley | G-6319 | October 1, 1980 | October 1, 1980 |
| Chester Prior | G-6339 | October 1, 1980 | October 1, 1981 |
| Pinecrest Water Company, Inc. | G-6349 | October 1, 1980 | October 1, 1980 |
| Sun Country Water, Inc. | G-6350 | October 1, 1980 | October 1, 1980 |
| Joseph Pfau | G-6395 | | October 1, 1979 |
| Charles W. Forman | G-6487 | October 1, 1979 | October 1, 1979 |
| Wayne McKy | G-6524 | October 1, 1979 | October 1, 1979 |
| Maurice L. Koester | G-6555 | October 1, 1980 | October 1, 1980 |

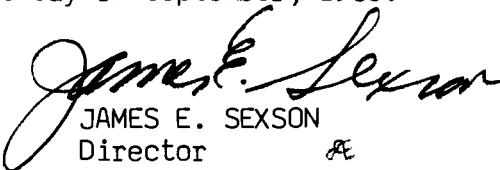
| Name | Permit Number | To Complete Work | To Apply Water |
|---|---------------|------------------|-----------------|
| Jack Monagle | G-6566 | | October 1, 1979 |
| Robert G. Schiller | G-6588 | | October 1, 1979 |
| Henry H. Church | G-6595 | October 1, 1979 | October 1, 1979 |
| Rockwood Water District | G-6639 | October 1, 1983 | October 1, 1983 |
| Virginia H. Salisbury, Ivan G. Brown, Wade Brown | G-6678 | October 1, 1978 | |
| Gray & Company | G-6697 | October 1, 1979 | October 1, 1980 |
| Walter Waldkirch | G-6726 | | October 1, 1979 |
| Clairmont Water District | G-6728 | October 1, 1982 | October 1, 1982 |
| Leland L. List | G-6742 | October 1, 1980 | October 1, 1980 |
| Brooks Resources Corp. | G-6796 | October 1, 1980 | October 1, 1980 |
| Brooks Resources Corp. | G-6797 | October 1, 1980 | October 1, 1980 |
| Brooks Resources Corp. | G-6798 | October 1, 1980 | October 1, 1980 |
| Brooks Resources Corp. | G-6799 | October 1, 1980 | October 1, 1980 |
| Stuart Bonney | G-6848 | October 1, 1980 | October 1, 1980 |
| Industrial Forestry Assoc. | G-6852 | October 1, 1979 | |
| S & J Farms | G-6876 | October 1, 1980 | October 1, 1980 |
| Robert N. & Sue A. Vanderpool | G-6890 | | October 1, 1980 |
| Tom and Loretta Smith | G-6922 | | October 1, 1980 |
| Lawrence E. Marsh | G-6926 | | October 1, 1980 |
| Verl Jacobson | G-6933 | | October 1, 1980 |
| Van Harth | G-6934 | | October 1, 1980 |
| Hazelwood Water District | G-6940 | October 1, 1980 | October 1, 1980 |
| Mary H. Keleman | G-6950 | October 1, 1979 | |
| Arakelian Ranch | G-6955 | October 1, 1980 | October 1, 1980 |
| Richard Widenoja | G-6980 | October 1, 1980 | October 1, 1980 |
| Miilo J. and Mary Jane Widenoja | G-6983 | | October 1, 1980 |
| Ross Simpson | G-7002 | | October 1, 1980 |
| Canby Utility Board | G-7013 | October 1, 1980 | October 1, 1980 |
| Roger F. Chase | G-7026 | October 1, 1980 | October 1, 1980 |
| City of Fairview | G-7029 | October 1, 1984 | October 1, 1984 |
| O. R. Heavilin | G-7054 | October 1, 1980 | October 1, 1980 |
| Henry T. Brawley | G-7067 | October 1, 1979 | October 1, 1980 |
| Keith Cyrus | G-7069 | October 1, 1979 | |
| Travelers Indemnity Real Estate Dept. and Chester Prior | G-7078 | October 1, 1980 | October 1, 1980 |
| Industrial Forestry Association | G-7106 | October 1, 1981 | October 1, 1981 |
| J & M Water Works, Mike D. McCarty & Edwin A. Johnson | G-7145 | October 1, 1980 | October 1, 1980 |
| Fremont Lumber Company | G-7149 | October 1, 1979 | October 1, 1981 |
| Willamette Land Company | G-7152 | October 1, 1980 | October 1, 1980 |
| Port of Morrow | G-7158 | October 1, 1979 | |
| Harold M. & Helen M. Cherry | G-7159 | | October 1, 1980 |
| Doyle M. Eisiminger | G-7165 | October 1, 1980 | October 1, 1980 |
| Ivan & Vernon Cook | G-7182 | October 1, 1979 | |
| Ivan & Vernon Cook | G-7183 | October 1, 1980 | October 1, 1980 |
| Ivan & Vernon Cook | G-7183 | October 1, 1979 | |
| Harold M. & Helen M. Cherry | G-7187 | | October 1, 1980 |
| Don S. Orlando | G-7206 | | October 1, 1980 |

| Name | Permit Number | To Complete Work | To Apply Water |
|--|---------------|------------------|-----------------|
| George Bradach | G-7212 | October 1, 1980 | October 1, 1980 |
| Stuart Bonney | G-7231 | October 1, 1980 | October 1, 1980 |
| City of Irrigon | G-7241 | October 1, 1984 | October 1, 1984 |
| Lamb-Weston, Inc. | G-7250 | October 1, 1980 | October 1, 1980 |
| Winston H. & Louise Patterson | G-7256 | October 1, 1979 | October 1, 1980 |
| Emma Jean Greener | G-7277 | October 1, 1980 | October 1, 1980 |
| Melvin Kaufman | G-7315 | | October 1, 1980 |
| Wayne Platt, Sr. | G-7324 | October 1, 1980 | October 1, 1980 |
| Eillett E. and/or JoAnne K. White | G-7332 | October 1, 1980 | October 1, 1980 |
| Virginia H. Salisbury, Ivan G. Brown, Wade Brown | G-7336 | October 1, 1979 | |
| W. C. Farms | G-7339 | October 1, 1981 | October 1, 1981 |
| W. C. Farms | G-7340 | October 1, 1981 | October 1, 1981 |
| Oregon Shore Recreational Club | G-7341 | October 1, 1982 | October 1, 1982 |
| BEF Quarter Circle Seven | G-7345 | October 1, 1980 | October 1, 1980 |
| Nona Sunford & William Sunford | G-7371 | | October 1, 1980 |
| Dale & David Turnidge | G-7377 | October 1, 1979 | |
| George White | G-7421 | | October 1, 1980 |
| Deer Creek Est Mobile Homes | G-7435 | October 1, 1981 | October 1, 1981 |
| Edward Lee Gerber, Meredith Middough | G-7436 | October 1, 1980 | |
| Wooded Hills Water Co-op | G-7437 | October 1, 1980 | October 1, 1980 |
| Donald R. & Alice G. Gallogly | G-7470 | October 1, 1980 | October 1, 1980 |
| Oscar E. Halverson | G-7479 | October 1, 1980 | October 1, 1980 |
| Charles Tompkins | G-7484 | October 1, 1980 | October 1, 1980 |
| Robert Meyer | G-7509 | | October 1, 1981 |
| William L. & Floy O. Smith | G-7510 | | October 1, 1980 |
| City of Irrigon | G-7563 | October 1, 1984 | October 1, 1984 |
| Ketchum Ranch | | | |
| William & Lucile Ketchum | G-7597 | October 1, 1980 | |
| City of Prairie City | G-7609 | October 1, 1984 | October 1, 1984 |
| Lyle and Leitha Tilden | G-7620 | October 1, 1980 | |
| Bar C Ranch, Ernest W. & K. Neal Christopherson | G-7633 | October 1, 1980 | |
| Edward Lee Gerber & Meredith Middough | G-7691 | October 1, 1979 | October 1, 1980 |
| Jess Robert | G-7696 | October 1, 1980 | October 1, 1980 |
| Robert Paul White | G-7699 | October 1, 1980 | |
| Doyle M. Eisiminger | G-7713 | October 1, 1980 | October 1, 1980 |
| David L. Whitehead | G-7743 | October 1, 1980 | |
| Mary A. Reeves | G-7785 | October 1, 1980 | |
| LaVerne and Patricia Hass | G-7787 | October 1, 1980 | |
| James Whittaker | G-7825 | October 1, 1980 | October 1, 1980 |
| City of The Dalles | G-7807 | October 1, 1980 | October 1, 1980 |
| Henry Church | G-7836 | October 1, 1980 | |
| Wilson J. and Mary Ann Meyer | G-7870 | October 1, 1980 | |
| Couse Creek Ranches, Inc. | G-7875 | October 1, 1980 | |
| John J. Renzema | G-7896 | October 1, 1980 | |

| Name | Permit Number | To Complete Work | To Apply Water |
|---|---------------|------------------|-----------------|
| Star-Satellite Improvement District | G-7903 | October 1, 1980 | October 1, 1980 |
| Glenn L. Rohde | G-7911 | October 1, 1980 | |
| Donald O. & Orlo M. Shullanberger | G-7922 | October 1, 1980 | |
| Miriam and Clifton Glover | G-7936 | October 1, 1980 | |
| Robert Harrison | G-7955 | October 1, 1980 | |
| Ronald M. Kilgore | G-7965 | October 1, 1980 | |
| Floyd L. & Eudora L. Wilson | G-7966 | October 1, 1980 | October 1, 1980 |
| Fred Peterson | G-7972 | October 1, 1980 | |
| Thurston Crumb | G-7999 | October 1, 1980 | |
| Charle Aufforth | G-8034 | October 1, 1980 | October 1, 1980 |
| Laurence R. Rautenkranz | G-8050 | October 1, 1980 | |
| Gilbert Crowson | G-8061 | October 1, 1980 | October 1, 1980 |
| Kenneth Woodward | G-8063 | October 1, 1980 | |
| Avion Water Company, Inc. | | | |
| Mayfield, Gisler, & Mayfield | G-8089 | October 1, 1982 | October 1, 1982 |
| John N. Burlew | G-8093 | October 1, 1980 | |
| Portello Ranch Co., Inc. | G-8101 | October 1, 1980 | October 1, 1980 |
| City of Philomath | G-8108 | October 1, 1984 | October 1, 1984 |
| Edward McLeary | G-8110 | October 1, 1980 | |
| E. H. & Patrick Wallace | G-8126 | October 1, 1980 | October 1, 1980 |
| Oregon Berry Packing Co. | G-8142 | | October 1, 1981 |
| Paul & Donna Crabill | G-8150 | October 1, 1980 | |
| The Miller Ranch Co. | G-8156 | October 1, 1980 | |
| George L. Reddick | G-8172 | October 1, 1980 | |
| George and Elizabeth Jaska | G-8194 | October 1, 1980 | |
| Louis F. Shelton | G-8200 | October 1, 1980 | |
| Corbett Water District | 11882 | October 1, 1980 | October 1, 1980 |
| Corbett Water District | 12154 | October 1, 1980 | October 1, 1980 |
| City of Hood River | 15312 | October 1, 1983 | October 1, 1983 |
| City of Eugene by Eugene Water and Electric Board | 17358 | October 1, 1984 | October 1, 1984 |
| Cascade Locks | 18134 | October 1, 1980 | October 1, 1980 |
| City of Lincoln City | 18293 | October 1, 1980 | October 1, 1980 |
| City of Coquille | 18600 | October 1, 1983 | October 1, 1983 |
| South Fork Water Commission | 22581 | October 1, 1984 | October 1, 1984 |
| North Unit Irrig. Dist. | 23196 | October 1, 1977 | October 1, 1977 |
| North Unit Irrig. Dist. | 25921 | October 1, 1977 | October 1, 1977 |
| Brookings Water Co. | 27610 | October 1, 1984 | October 1, 1984 |
| Falcon-Cove Beach Domestic Water Supply District | 28972 | October 1, 1982 | October 1, 1982 |
| Benton Memorial Park Assoc. | 29197 | October 1, 1981 | October 1, 1981 |
| City of Seaside | 30117 | October 1, 1984 | October 1, 1984 |
| Tillamook Water Commission | 30192 | October 1, 1980 | October 1, 1980 |
| Big Creek Ditch Company | 30974 | October 1, 1981 | October 1, 1981 |
| Big Creek Ditch Company | 30975 | October 1, 1981 | October 1, 1981 |
| City of Brookings | 31293 | October 1, 1984 | October 1, 1984 |
| Harbor Rural Water District | 31365 | October 1, 1984 | October 1, 1984 |

| Name | Permit Number | To Complete Work | To Apply Water |
|---|---------------|------------------|-----------------|
| Harold Schlicting | 31716 | October 1, 1979 | October 1, 1979 |
| Neskowin Regional Water Dist. | 31716 | October 1, 1982 | October 1, 1982 |
| Western Empires Corp. | 32309 | October 1, 1980 | October 1, 1980 |
| City of Sutherlin | 32426 | October 1, 1980 | October 1, 1980 |
| Erenos' Mens Store, Inc. | 32934 | October 1, 1980 | October 1, 1980 |
| Alsea Riviera Water Improvement District | 33727 | October 1, 1981 | October 1, 1981 |
| West Extension Irrig. Dist. | 33883 | October 1, 1979 | October 1, 1979 |
| North Unit Irrig. Dist. | 33954 | October 1, 1977 | October 1, 1977 |
| Walter Moreau | 33987 | October 1, 1975 | October 1, 1975 |
| Lakeside Water District | 34393 | October 1, 1984 | October 1, 1984 |
| Oris Crisp | 35002 | October 1, 1980 | October 1, 1980 |
| Bruce Griffith | 35003 | October 1, 1980 | October 1, 1980 |
| Leo Anna A. Griffith | 35004 | October 1, 1980 | October 1, 1980 |
| Doris Crisp | 35005 | October 1, 1980 | October 1, 1980 |
| City of Drain | 35352 | October 1, 1980 | October 1, 1980 |
| Powder Valley Water Control District | 35791 | October 1, 1982 | October 1, 1982 |
| Reinie & Charlene L. Bashon | 36055 | October 1, 1975 | |
| Joseph R. Miles | 36084 | October 1, 1980 | October 1, 1980 |
| Southwest Lincoln County Water District | 36270 | October 1, 1984 | October 1, 1984 |
| Ice Fountain Water District | 36275 | October 1, 1981 | October 1, 1981 |
| Loren D. Hicks, Ervin W. Potter & L. P. Erpelding | 36778 | October 1, 1980 | October 1, 1980 |
| R. Betty Alexander | 36977 | October 1, 1979 | October 1, 1979 |
| Gwendolyn F. Smith | 37177 | October 1, 1976 | October 1, 1976 |
| Beverly Beach Water District | 37278 | October 1, 1983 | October 1, 1983 |
| Beverly Beach Water District | 37279 | October 1, 1983 | October 1, 1983 |

Dated at Salem, Oregon this 22nd day of September, 1980.


 JAMES E. SEXSON
 Director

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO)
 COMPLETE CONSTRUCTION WORK AND)
 MAKE COMPLETE APPLICATION OF)
 WATER UNDER CERTAIN PERMITS)

ORDER

The above entitled matter now coming on for the consideration of the Water Resources Director, and it appearing that:

The holders of the following water right permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and make complete application of water to beneficial use under their respective water right permits;

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work or perfect a right under a water right permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles him to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it hereby is ORDERED that extensions of time are granted as follows:

| <u>Name</u> | <u>Permit Number</u> | <u>B To Complete Work</u> | <u>C To Apply Water</u> |
|---|----------------------|---------------------------|-------------------------|
| City of Arlington | G-1201 | October 1, 1989 | October 1, 1989 |
| Port of Umatilla | G-3112 | October 1, 1989 | October 1, 1989 |
| Harbor Rural Water Dist. | G-3240 | October 1, 1989 | October 1, 1989 |
| Century Meadows Water Systems Inc. | G-4183 | October 1, 1988 | October 1, 1988 |
| City of Milton Freewater | G-4924 | October 1, 1989 | October 1, 1989 |
| City of Bend | G-4946 | October 1, 1989 | October 1, 1989 |
| Oregon Shores Beach Club Inc. | G-5180 | October 1, 1987 | October 1, 1987 |
| Shangri La Water District | G-5533 | October 1, 1987 | October 1, 1987 |
| Lyon Lawrence dba Lawrence Water Co. | G-5681 | October 1, 1987 | October 1, 1987 |
| Mrs. M.J. Roland | G-5961 | October 1, 1985 | October 1, 1985 |
| Scravel Hill Water Co-op | G-6253 | October 1, 1988 | October 1, 1988 |
| Sun County Water Inc. | G-6350 | October 1, 1988 | October 1, 1988 |
| Rockwood Water District | G-6639 | October 1, 1988 | October 1, 1988 |
| Merle Carlson | G-6876 | October 1, 1985 | October 1, 1985 |
| Zig Zag Villege Homeowners Assoc. | G-6899 | October 1, 1988 | October 1, 1988 |

| | | | |
|-----------------------------------|--------|-----------------|-----------------|
| City of Fairview | G-7029 | October 1, 1989 | October 1, 1989 |
| City of Irrigon | G-7241 | October 1, 1989 | October 1, 1989 |
| Oregon Shores Beach Club Inc. | G-7346 | October 1, 1987 | October 1, 1987 |
| City of Irrigon | G-7563 | October 1, 1989 | October 1, 1989 |
| Robert Meyer | G-7509 | | October 1, 1982 |
| City of Stanfield | G-7623 | October 1, 1989 | October 1, 1989 |
| Rodney A. and Donna Jean Lytle | G-7639 | October 1, 1985 | October 1, 1985 |
| Vernon L. Root | G-7678 | October 1, 1980 | |
| Wilson J. and MaryAnn Meyer | G-7870 | October 1, 1986 | October 1, 1986 |
| Heritage Enterprises | G-7899 | October 1, 1985 | October 1, 1985 |
| Star Satellite Imp. Dist. | G-7903 | October 1, 1987 | October 1, 1987 |
| City of Umatilla | G-8042 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-8258 | October 1, 1988 | October 1, 1988 |
| Theodore R. Tiahr | | | |
| Douglas Tree Ranch | G-8551 | October 1, 1985 | October 1, 1985 |
| Brooks Resources Corp. | G-8565 | October 1, 1989 | October 1, 1989 |
| Alfred L. and Alta B. Roberts | G-8572 | October 1, 1984 | October 1, 1985 |
| Theodore O. Erickson | G-8853 | October 1, 1985 | October 1, 1985 |
| Kenneth W. Taylor | G-8880 | | October 1, 1985 |
| Dennis Meeuwssen | G-8995 | October 1, 1984 | October 1, 1984 |
| Melvin D. Enlow | G-9075 | October 1, 1984 | October 1, 1984 |
| McKay Acres Imp. District | G-9106 | October 1, 1985 | October 1, 1985 |
| Timothy J. Strubhar | G-9123 | October 1, 1985 | October 1, 1985 |
| Terry Nofziger | G-9124 | October 1, 1985 | October 1, 1985 |
| Williams Land, Inc. | G-9129 | October 1, 1986 | October 1, 1986 |
| Kenneth M. and Virginia R. White | G-9132 | October 1, 1984 | October 1, 1984 |
| Donald and Alice Bowden | G-9170 | October 1, 1985 | October 1, 1985 |
| William W. Schmidt | G-9202 | October 1, 1985 | October 1, 1985 |
| William V. Kergil | G-9205 | | October 1, 1985 |
| Sam R. Phipps | G-9220 | October 1, 1984 | October 1, 1984 |
| Birch Circle Farms | | | |
| George Warmington | G-9275 | | October 1, 1985 |
| Gerald L. Lanier | G-9276 | October 1, 1986 | October 1, 1986 |
| Lynn R. Fus | G-9357 | October 1, 1984 | October 1, 1984 |
| Willie A. and Linda S. Olson | G-9421 | October 1, 1985 | October 1, 1985 |
| Eulon E. Dunlap | G-9422 | October 1, 1985 | October 1, 1985 |
| Larry C. Heaton | G-9423 | October 1, 1985 | October 1, 1985 |
| John Yuchniuk | G-9433 | October 1, 1985 | October 1, 1985 |
| Harbor Rural Water District | G-9438 | October 1, 1989 | October 1, 1989 |
| Ernest C. and Betty L. Strickland | G-9477 | | October 1, 1985 |
| Johnny Eygabroad | G-9518 | October 1, 1984 | October 1, 1985 |
| City of Oakridge | G-9520 | October 1, 1989 | October 1, 1989 |
| Liskey Farms, Inc. | G-9547 | October 1, 1985 | October 1, 1986 |
| Dewey Gosson | G-9581 | October 1, 1985 | October 1, 1985 |
| Monty Jeldon | G-9592 | October 1, 1985 | October 1, 1985 |
| Robert Jennings Sanders | G-9644 | October 1, 1984 | |
| Urbach Farms, Inc. | G-9647 | October 1, 1985 | October 1, 1985 |
| City of Scotts Mills | G-9708 | October 1, 1989 | October 1, 1989 |
| Gerald L. Odman | G-9759 | October 1, 1985 | October 1, 1985 |
| Dan H. Heierman | G-9787 | October 1, 1985 | October 1, 1985 |
| Tillamook Water Commission | G-9829 | October 1, 1989 | October 1, 1989 |
| Marvin M. Flitcroft | G-9849 | October 1, 1985 | October 1, 1986 |

| | | | |
|----------------------------------|---------|-----------------|-----------------|
| Jerrold Desselle North | G-9864 | October 1, 1985 | October 1, 1985 |
| City of Aurora | G-9890 | October 1, 1989 | October 1, 1989 |
| K. Neal and Pam Christopherson | G-9903 | October 1, 1985 | |
| Rainbow Water District | G-9945 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-9946 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-9948 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-9971 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-9972 | October 1, 1989 | October 1, 1989 |
| Robert L. Stockhoff | G-9974 | October 1, 1985 | |
| Avion Water Co. Inc. | G-9981 | October 1, 1989 | October 1, 1989 |
| Avion Water Co. Inc. | G-9982 | October 1, 1988 | October 1, 1988 |
| UNC Cornucopia Mining Co. | G-9991 | October 1, 1988 | October 1, 1988 |
| Avion Water Co. Inc. | G-9999 | October 1, 1988 | October 1, 1988 |
| Avion Water Co. Inc. | G-10000 | October 1, 1989 | October 1, 1989 |
| Western Heights Water Assoc. | G-10005 | October 1, 1988 | October 1, 1988 |
| Avion Water Co. Inc. | G-10019 | October 1, 1989 | October 1, 1989 |
| Renate Wolfsturm Pancake | G-10043 | October 1, 1985 | |
| Earl Jr. and Laurie L. Schrock | G-10055 | October 1, 1985 | October 1, 1986 |
| Robert D. Butler | G-10070 | October 1, 1985 | October 1, 1986 |
| Cecil James | G-10079 | October 1, 1985 | |
| Leonard A. Lorenzen | G-10087 | October 1, 1985 | October 1, 1986 |
| Wade Brown | G-10099 | October 1, 1985 | October 1, 1986 |
| Coos Bay North Bend Water Board | G-10132 | October 1, 1989 | October 1, 1989 |
| The City of Bandon | R-368 | October 1, 1988 | |
| Circle Five Ranch | R-6562 | October 1, 1985 | |
| David A. and Kathleen J. Bassett | R-8163 | October 1, 1985 | |
| Paul G. Wares | R-8361 | October 1, 1985 | |
| Stephen Marco Long | R-8387 | October 1, 1985 | |
| Harvey W. Buche | R-8443 | October 1, 1985 | |
| Harry L. Bisbee | R-8458 | October 1, 1985 | |
| Taylor Ranch Inc. | R-8540 | October 1, 1985 | |
| Rex E. Miller | R-8596 | October 1, 1985 | |
| City of Bandon | 3011 | October 1, 1988 | October 1, 1988 |
| US Bureau of Reclamation | 7400 | October 1, 1984 | October 1, 1984 |
| Jordan Valley Irrigation Dist. | 10843 | October 1, 1984 | October 1, 1984 |
| South Fork Water Commission | 22581 | October 1, 1989 | October 1, 1989 |
| Coos Bay North Bend Board | 26223 | October 1, 1989 | October 1, 1989 |
| City of Grants Pass | 26901 | October 1, 1989 | October 1, 1989 |
| City of Bandon | 27232 | October 1, 1988 | October 1, 1988 |
| City of Bandon | 27233 | October 1, 1988 | October 1, 1988 |
| City of Brookings | 27610 | October 1, 1989 | October 1, 1989 |
| Middle Fork Irrigation Dist. | 27788 | October 1, 1985 | October 1, 1985 |
| City of Seaside | 30117 | October 1, 1989 | October 1, 1989 |
| City of Brookings | 31293 | October 1, 1989 | October 1, 1989 |
| Harbor Rural Water Dist. | 31365 | October 1, 1989 | October 1, 1989 |
| Middle Fork Irrigation Dist. | 31956 | October 1, 1985 | October 1, 1985 |
| Alsea Riviera Water Imp. Dist. | 33727 | October 1, 1988 | October 1, 1988 |
| Neahkahnie Water District | 34032 | October 1, 1989 | October 1, 1989 |
| Lakeside Water District | 34393 | October 1, 1989 | October 1, 1989 |
| Southwest Lincoln Water Dist. | 36270 | October 1, 1989 | October 1, 1989 |
| Succor Crk. Water Control Dist. | 40584 | October 1, 1986 | October 1, 1986 |
| City of Forest Grove | 40615 | October 1, 1988 | October 1, 1988 |
| Restful Haven Health Club Inc. | 41176 | October 1, 1986 | October 1, 1986 |

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|---|-------|-----------------|-----------------|
| Circle Five Ranch Inc. | 41302 | October 1, 1985 | October 1, 1985 |
| Douglas Co. Public Works | 41514 | October 1, 1988 | October 1, 1988 |
| Western Heights Water Assoc. | 41864 | October 1, 1988 | October 1, 1988 |
| Miguel Flores | 41982 | October 1, 1985 | October 1, 1985 |
| City of Forest Grove | 42117 | October 1, 1989 | October 1, 1989 |
| Black Mt. Water Dist. & Imp. Co. | 42534 | October 1, 1986 | October 1, 1986 |
| Brooks Resources Investment Corp. | 42833 | October 1, 1985 | October 1, 1986 |
| Middle Fork Irrigation Dist. | 43520 | October 1, 1985 | October 1, 1985 |
| Merle Carlson | 43606 | October 1, 1985 | October 1, 1985 |
| City of Manzanita | 43756 | October 1, 1988 | October 1, 1988 |
| Hudson Bay Dist. Imp. Co. | 43973 | October 1, 1987 | October 1, 1987 |
| Andrew Husari | 44024 | | October 1, 1984 |
| John or Alice Pratt | 44408 | October 1, 1985 | October 1, 1985 |
| Charles W. Johnson | 44437 | October 1, 1984 | October 1, 1984 |
| Steven Ungerleider, Ph. D. | 44730 | October 1, 1985 | October 1, 1985 |
| Everett Becraft | 44753 | October 1, 1985 | October 1, 1985 |
| Oregon Driftwood Shores | 44758 | October 1, 1986 | October 1, 1986 |
| Lorin G. Stanciu | 44823 | October 1, 1984 | October 1, 1984 |
| Keith Smith | 44825 | October 1, 1985 | October 1, 1986 |
| Keith Smith | 44826 | October 1, 1985 | October 1, 1986 |
| Richard Rullamas | 44837 | October 1, 1984 | October 1, 1984 |
| Cedric Cross | 44851 | October 1, 1986 | October 1, 1986 |
| Theodore O. Erickson | 44877 | October 1, 1985 | October 1, 1985 |
| Grant R. Jones | 44915 | October 1, 1985 | October 1, 1985 |
| Edward J. Bernosky | 44928 | October 1, 1985 | October 1, 1985 |
| David A. and Kathleen J. Bassett | 44989 | October 1, 1985 | October 1, 1985 |
| Mike W. and Rosalie T. Rogoff | 45069 | October 1, 1985 | October 1, 1985 |
| Calvin J. Vezzetti | 45157 | October 1, 1985 | October 1, 1985 |
| Thunder River Corp. | 45303 | | October 1, 1985 |
| City of Riddle | 45405 | October 1, 1988 | October 1, 1988 |
| William E. Cawley | 45425 | October 1, 1984 | October 1, 1984 |
| Jerry L. Winningham | 45607 | October 1, 1985 | October 1, 1985 |
| Fred W. Moe | 45643 | | October 1, 1985 |
| Dan L. Forsea and Sons, Inc. | 45804 | October 1, 1985 | October 1, 1985 |
| Hans W. Groeger MD and Ruth M. | 45837 | October 1, 1985 | October 1, 1985 |
| Delia H. Spuhler | 45903 | October 1, 1985 | October 1, 1985 |
| Cecilia and Richard Taylor | 45923 | October 1, 1985 | October 1, 1985 |
| Dan and/or Carol Griffith | 45977 | October 1, 1986 | October 1, 1986 |
| Eldon Hugie | 46018 | October 1, 1985 | October 1, 1985 |
| Roger L. Weiss | 46099 | October 1, 1986 | October 1, 1986 |
| City of Yoncalla | 46114 | October 1, 1989 | October 1, 1989 |
| Johnnie Johnson | 46154 | October 1, 1986 | October 1, 1986 |
| Louis E. Haag | 46202 | October 1, 1985 | October 1, 1985 |
| Creighton and Phyllis M. Baxter | 46300 | | October 1, 1985 |
| Bansen Jerseys Inc. | 46335 | | October 1, 1986 |
| Milton O. Brown and Raymond J. Kittleson | 46401 | October 1, 1986 | October 1, 1986 |
| City of Hillsboro | 46423 | October 1, 1989 | October 1, 1989 |
| Paul G. Wares | 46449 | October 1, 1985 | |
| William R. McAllister | 46454 | October 1, 1985 | October 1, 1986 |
| Morgan and Alice Mitchell | 46462 | October 1, 1985 | October 1, 1986 |
| Fancho F. Stubblefield | 46480 | October 1, 1986 | October 1, 1987 |
| William J. Beals, Jr. | 46505 | October 1, 1985 | |

| | | | |
|--------------------------------|-------|-----------------|-----------------|
| Wallace F. Bullock | 46544 | October 1, 1985 | |
| Ted Orr | 46561 | October 1, 1986 | October 1, 1986 |
| Stephen Marco Long | 46584 | October 1, 1985 | October 1, 1985 |
| Harvey W. Buche | 46783 | October 1, 1985 | October 1, 1986 |
| Duane C. Thompson | 46874 | October 1, 1986 | October 1, 1986 |
| George and Margaret Benz | 46923 | October 1, 1985 | October 1, 1986 |
| Andrew F. Kahn | 46945 | October 1, 1986 | October 1, 1986 |
| Robert J. Miller | 46947 | October 1, 1985 | |
| Archie C. Osborne | 46953 | October 1, 1985 | |
| Ervin A. Royer | 46972 | October 1, 1985 | |
| Hammond Ranches Inc. | 46978 | October 1, 1985 | |
| Edwin K. and Bonnie B. Vierira | 47038 | October 1, 1985 | |
| Phillip Drehmer | 47039 | October 1, 1985 | |
| Bonnie Buchanan, et al | 47110 | October 1, 1985 | October 1, 1986 |
| Willamette Industries, Inc. | 47184 | October 1, 1988 | October 1, 1988 |
| Taylor Ranch Inc. | 47189 | October 1, 1985 | October 1, 1986 |
| David A. Reed | 47200 | October 1, 1985 | |
| Gene M. Cabral | 47204 | October 1, 1986 | October 1, 1986 |
| Bradley J. Toynbee | 47225 | October 1, 1985 | |
| Otto V. Epping | 47229 | October 1, 1985 | |
| George Szabo | 47232 | October 1, 1985 | |
| Kenneth L. Hebard | 47260 | October 1, 1985 | |
| Carl Caswell | 47277 | October 1, 1985 | |
| Western Heights Water Assoc. | 47290 | October 1, 1988 | October 1, 1988 |
| Dan B. Claasen | 47294 | October 1, 1986 | October 1, 1986 |
| Ralph L. and Irene Seltzer | 47299 | October 1, 1986 | October 1, 1986 |
| Jason C. Reynolds | 47304 | October 1, 1985 | October 1, 1986 |
| City of Grants Pass | 47346 | October 1, 1989 | October 1, 1989 |

Dated at Salem, Oregon this 20th day of February, 1985.

William H. Young
WILLIAM H. YOUNG
Director

6996C

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO BEGIN)
 AND COMPLETE CONSTRUCTION WORK AND) ORDER
 MAKE COMPLETE APPLICATION OF WATER)
 UNDER CERTAIN PERMITS)

The owners of the following water permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to begin and/or complete the construction work and/or make complete application of water to beneficial use under their respective permits.

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work to perfect a water right under a permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles him to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it hereby is ORDERED that extensions of time are granted as follows:

| <u>PERMITTEE</u> | <u>APPL. NUMBER</u> | <u>PERMIT NUMBER</u> | <u>BASIN NUMBER</u> | <u>NEW TIME LIMITS TO:</u> | | |
|------------------------------------|---------------------|----------------------|---------------------|----------------------------|------------------------|--------------------|
| | | | | <u>START CONST.</u> | <u>COMPLETE CONST.</u> | <u>APPLY WATER</u> |
| <u>PERMITS TO USE GROUNDWATER:</u> | | | | | | |
| City of Arlington | G-1185 | G-1201 | 6 | | 10-1-94 | 10-1-94 |
| Willamette Water Company | G-2761 | G-2643 | 2 | | 10-1-94 | 10-1-94 |
| City of Florence | G-3234 | G-3040 | 18 | | 10-1-95 | 10-1-95 |
| Harbor Rural Water District | G-3361 | G-3240 | 15 | | 10-1-95 | 10-1-95 |
| Rivergrove Water District | G-3387 | G-3182 | 2 | | 10-1-95 | 10-1-95 |
| City of Mosier | G-5524 | G-5410 | 4 | | 10-1-94 | 10-1-94 |
| City of Bend | G-5644 | G-4946 | 5 | | 10-1-94 | 10-1-94 |
| Rivergrove Water District | G-6414 | G-6023 | 2 | | 10-1-95 | 10-1-95 |
| City of Troutdale | G-6627 | G-6881 | 3 | | 10-1-95 | 10-1-95 |
| Johnson City Water & Sewer | G-7611 | G-7058 | 2 | | 10-1-95 | 10-1-95 |
| City of Irrigon | G-7703 | G-7241 | 7 | | 10-1-95 | 10-1-95 |

| | | | | | | |
|---------------------------------------|---------|---------|----|--|---------|---------|
| City of Spray | G-8165 | G-7606 | 6 | | 10-1-95 | 10-1-95 |
| City of Irrigon | G-8439 | G-7563 | 7 | | 10-1-95 | 10-1-95 |
| City of Echo | G-8865 | G-8546 | 7 | | 10-1-95 | 10-1-95 |
| City of Monmouth | G-8926 | G-8579 | 2 | | 10-1-95 | 10-1-95 |
| Cimmarron City Water Company, Inc. | G-9270 | G-8722 | 5 | | 10-1-95 | 10-1-95 |
| City of Troutdale | G-9583 | G-9866 | 3 | | 10-1-95 | 10-1-95 |
| City of Troutdale | G-9714 | G-9867 | 3 | | 10-1-95 | 10-1-95 |
| Robert L. Stockhoff | G-10366 | G-9974 | 13 | | 10-1-91 | 10-1-91 |
| City of Lincoln City | G-10741 | G-9827 | 16 | | 10-1-95 | 10-1-95 |
| City of Wilsonville | G-10842 | G-9957 | 2 | | 10-1-95 | 10-1-95 |
| Robert L. Stockhoff | G-11234 | G-10326 | 13 | | 10-1-91 | 10-1-91 |
| City of Lafayette | G-11257 | G-10399 | 2 | | 10-1-95 | 10-1-95 |
| Ronald C. Nunn | G-11443 | G-10788 | 15 | | 10-1-91 | 10-1-91 |
| F.M. Cook | G-11436 | G-10733 | 13 | | 10-1-91 | 10-1-91 |
| Bonneville Power Administration | G-11834 | G-10870 | 7 | | 10-1-94 | 10-1-94 |
| Bonneville Power Administration | G-11835 | G-10871 | 7 | | 10-1-94 | 10-1-94 |
| Willamette Water Company | G-11978 | G-10970 | 2 | | 10-1-94 | 10-1-94 |

PERMITS TO CONSTRUCT RESERVOIRS WATER AND USE SURFACE WATER:

| | | | | | | |
|---------------------------|---------|---------|----|---------|---------|---------|
| City of Bandon | 4982 | 3011 | 15 | | 10-1-95 | 10-1-95 |
| City of Bandon | R-5017 | R-368 | 17 | | 10-1-95 | |
| City of Astoria | R-25855 | R-2568 | 1 | 10-1-95 | 10-1-95 | |
| City of Astoria | 25856 | 27092 | 1 | 10-1-95 | 10-1-95 | 10-1-95 |
| City of Drain | R-48373 | R-5652 | 16 | | 10-1-95 | |
| City of Drain | 48374 | 35252 | 16 | | 10-1-95 | 10-1-95 |
| Lamont & Doreen Rumgay | R-69027 | R-10831 | 2 | | 4-10-90 | |
| Lamont & Doreen Rumgay | 69028 | 50029 | 2 | | 4-10-90 | |

PERMITS TO USE SURFACE WATER:

| | | | | | | |
|---------------------------|------|------|----|---------|---------|---------|
| City of Silverton | 4924 | 3226 | | | 10-1-95 | 10-1-95 |
| South Fork Water Board | 5942 | 3778 | 2 | | 10-1-95 | 10-1-95 |
| City of Astoria | 6320 | 3945 | 1 | 10-1-95 | 10-1-95 | 10-1-95 |
| City of Medford | 8092 | 6703 | 13 | | 10-1-95 | 10-1-95 |
| City of Hood River | 9173 | 8387 | 4 | | 10-1-95 | 10-1-95 |

| | | | | | | |
|--|-------|-------|----|---------|---------|---------|
| City of Medford | 10120 | 6884 | 13 | | 10-1-95 | 10-1-95 |
| City of Astoria | 10226 | 7257 | 1 | 10-1-95 | 10-1-95 | 10-1-95 |
| Corbett Water District | 15024 | 11882 | 3 | | 10-1-95 | 10-1-95 |
| Corbett Water District | 16229 | 12154 | 3 | | 10-1-95 | 10-1-95 |
| City of Lincoln City | 22866 | 18293 | 18 | | 10-1-95 | 10-1-95 |
| Cascade Locks | 22996 | 18134 | 4 | | 10-1-95 | 10-1-95 |
| City of Sweet Home | 25810 | 20525 | 2 | | 10-1-95 | 10-1-95 |
| City of Medford | 29527 | 23210 | 15 | | 10-1-95 | 10-1-95 |
| City of Roseburg | 31576 | 24914 | 16 | | 10-1-96 | 10-1-96 |
| City of Rogue River | 33661 | 26594 | 15 | | 10-1-95 | 10-1-95 |
| City of Bandon | 34672 | 27232 | 17 | | 10-1-95 | 10-1-95 |
| City of Bandon | 34673 | 27233 | 17 | | 10-1-95 | 10-1-95 |
| City of Eugene | 35037 | 27441 | 2 | | 10-1-95 | 10-1-95 |
| Falcon-Cove Beach Domestic Water Supply District | 38934 | 28972 | 1 | | 10-1-94 | 10-1-94 |
| James River II, Inc. | 40430 | 30138 | 1 | | 10-1-95 | 10-1-95 |
| Tillamook Water Commission | 40642 | 30192 | 1 | | 10-1-95 | 10-1-95 |
| Big Creek Ditch Company | 41384 | 30974 | 8 | | 10-1-94 | 10-1-94 |
| " " | 41385 | 30975 | 9 | | 10-1-94 | 10-1-94 |
| Alsea County Service District | 41810 | 31214 | 18 | | 10-1-95 | 10-1-95 |
| Harbor Rural Water District | 41825 | 31365 | 15 | | 10-1-95 | 10-1-95 |
| Umpqua Basin Water Assn. | 42167 | 31555 | 16 | | 10-1-95 | 10-1-95 |
| City of Detroit | 43399 | 32449 | 2 | | 10-1-95 | 10-1-95 |
| City of Carlton | 44207 | 32488 | 2 | 10-1-95 | 10-1-95 | 10-1-95 |
| City of Dunes City | 45456 | 33923 | 18 | 10-1-95 | 10-1-95 | 10-1-95 |
| Winston-Dillard Water District | 45720 | 34106 | 16 | | 10-1-95 | 10-1-95 |
| Clackamas Water District | 46072 | 34426 | 2 | | 10-1-95 | 10-1-95 |
| City of Arlington | 46891 | 35058 | 6 | 10-1-94 | 10-1-94 | 10-1-94 |
| Glide Water Association | 46925 | 35104 | 16 | | 10-1-95 | 10-1-95 |
| Oak Lodge Water District | 47144 | 35297 | 2 | | 10-1-95 | 10-1-95 |
| Canby Utility Board | 47326 | 35453 | 2 | | 10-1-95 | 10-1-95 |

| | | | | | | |
|--|-------|-------|----|---------|---------|---------|
| City of Corvallis | 47453 | 35551 | 2 | | 10-1-95 | 10-1-95 |
| City of Adair Village | 48146 | 35819 | 2 | | 10-1-95 | 10-1-95 |
| Mt. Joseph Water Association | 48348 | 36249 | 8 | | 10-1-95 | 10-1-95 |
| City of Lincoln City | 50011 | 37605 | 18 | | 10-1-95 | 10-1-95 |
| City of Bay City | 51053 | 43858 | 1 | | 10-1-95 | 10-1-95 |
| Portland General Electric Company | 51521 | 39188 | 7 | | 10-1-95 | 10-1-95 |
| Glide Water Association | 51597 | 42561 | 16 | | 10-1-95 | 10-1-95 |
| City of Wheeler | 52321 | 39355 | 1 | | 10-1-95 | 10-1-95 |
| Falcon-Cove Beach Domestic Water Supply Dist. | 52592 | 37930 | 1 | | 10-1-94 | 10-1-94 |
| Tillamook Water Commission | 53575 | 41438 | 1 | | 10-1-95 | 10-1-95 |
| City of Boardman | 53657 | 40336 | 7 | | 10-1-95 | 10-1-95 |
| City of Hermiston | 53827 | 40601 | 7 | 10-1-94 | 10-1-94 | 10-1-94 |
| East Fork Irrigation District | 56365 | 43395 | 4 | | 10-1-92 | 10-1-92 |
| Black Mountain Water District & Improvement Co. | 56656 | 42534 | 7 | | 10-1-95 | 10-1-95 |
| City of Canyonville | 56739 | 43119 | 16 | | 10-1-95 | 10-1-95 |
| City of Myrtle Creek | 57016 | 43121 | 16 | | 10-1-95 | 10-1-95 |
| City of Sweet Home | 57037 | 49959 | 2 | | 10-1-95 | 10-1-95 |
| City of Gladstone | 57226 | 43170 | 2 | | 10-1-95 | 10-1-95 |
| Oceanside Water District | 57510 | 43812 | 1 | | 10-1-95 | 10-1-95 |
| City of Ontario | 57572 | 43401 | 10 | | 10-1-95 | 10-1-95 |
| City of Dunes City | 57827 | 44501 | 18 | 10-1-95 | 10-1-95 | 10-1-95 |
| Umpqua Basin Water Assoc., Inc. | 57927 | 43898 | 16 | | 10-1-95 | 10-1-95 |
| Harbor Rural Water District | 58045 | 43837 | 15 | | 10-1-95 | 10-1-95 |
| City of Roseburg | 58356 | 44018 | 16 | | 10-1-96 | 10-1-96 |
| Colton Water District #11 | 58553 | 44505 | 2 | | 10-1-93 | 10-1-93 |
| Lookingglass-Olalla Water Control District | 59900 | 46786 | 16 | | 10-1-95 | 10-1-95 |
| Canby Utility Board | 60921 | 46199 | 2 | | 10-1-95 | 10-1-95 |
| East Fork Irrigation District | 63241 | 46707 | 4 | | 10-1-93 | 10-1-93 |

| | | | | | | |
|---|-------|-------|----|---------|---------|---------|
| City of Lincoln City | 63608 | 46867 | 18 | | 10-1-95 | 10-1-95 |
| City of Sandy | 65051 | 48451 | 3 | 10-1-95 | 10-1-95 | 10-1-95 |
| City of Brownsville | 65273 | 47733 | 2 | | 10-1-95 | 10-1-95 |
| California Energy Company, Inc. | 68036 | 48464 | 14 | | 10-1-91 | 10-1-91 |
| " " | 68037 | 48465 | 14 | | 10-1-91 | 10-1-91 |
| " " | 68039 | 48467 | 14 | | 10-1-91 | 10-1-91 |
| Lawrence D. Lindsay | 68402 | 50065 | 7 | | 10-1-91 | 10-1-91 |
| City of Westfir | 68715 | 49765 | 2 | | 10-1-95 | 10-1-95 |
| Heceta Water District | 69079 | 50036 | 18 | | 10-1-95 | 10-1-95 |
| Highland Tree Farms, Inc. | 69152 | 50082 | 2 | | 10-1-91 | 10-1-91 |
| David & Teresa Elliott | 69173 | 50097 | 16 | | 10-1-91 | 10-1-91 |
| City of Carlton | 69513 | 50218 | 2 | | 10-1-95 | 10-1-95 |
| The Hillsboro, Forest Grove & Beaverton Joint Water Commission | 69637 | 50879 | 2 | | 10-1-95 | 10-1-95 |
| Willamette Water Company | 70107 | 50877 | 2 | | 10-1-94 | 10-1-94 |

Dated at Salem, Oregon this 31st day of May, 1991.

William H. Young
 WILLIAM H. YOUNG
 Director

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO)
 COMPLETE CONSTRUCTION WORK) ORDER
 AND/OR MAKE COMPLETE APPLICATION)
 OF WATER UNDER CERTAIN PERMITS)

The owners of the following water permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and/or make complete application of water to beneficial use under their respective permits.

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work to perfect a water right under a permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles them to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it is hereby ORDERED that extensions of time are granted as follows:

| PERMITTEE | APPL. NUMBER | PERMIT NUMBER | BASIN NUMBER | NEW TIME LIMITS TO: | |
|----------------------|--------------|---------------|--------------|---------------------|-------------|
| | | | | COMPL CONST. | APPLY WATER |
| City of Irrigon | G 7703 | G 7241 | 7 | 10/1/00 | 10/1/00 |
| City of Irrigon | G 8439 | G 7563 | 7 | 10/1/00 | 10/1/00 |
| Avion Water Co, Inc. | G 10440 | G 10000 | 5 | 10/1/99 | 10/1/99 |
| Cecil E Roth | G 12221 | G 11622 | 2 | 10/1/96 | 10/1/97 |
| City of Chiloquin | G 12465 | G 11503 | 14 | 10/1/99 | 10/1/99 |

Dated at Salem, Oregon this 30 day of June, 1997.

Martha O. Pagel
 for Martha O. Pagel
 DIRECTOR

Water Right "D"
(Active)
Permit G-16297
(Not Perfected)
Alluvial 6.70 cfs/3000 gpm

STATE OF OREGON

COUNTY OF MORROW

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF IRRIGON
PO BOX 428
IRRIGON, OR 97844-0428

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-16445

SOURCE OF WATER: CITY WELL 3 AND CITY WELL 4 IN COLUMBIA RIVER BASIN

PURPOSE OR USE: MUNICIPAL USES INCLUDING BUT NOT LIMITED TO DOMESTIC USE

MAXIMUM RATE: 6.7 CUBIC FEET PER SECOND

PERIOD OF USE: YEAR ROUND.

DATE OF PRIORITY: APRIL 22, 2005

WELL LOCATIONS:

CITY WELL 3:

SE ¼ NE ¼, SECTION 23, T5N, R26E, W.M.; 400 FEET WEST & 3,250 FEET NORTH FROM SE CORNER, SECTION 23

CITY WELL 4:

SW ¼ NE ¼, SECTION 23, T5N, R26E, W.M.; 3,500 FEET EAST & 3,500 FEET NORTH FROM SW CORNER, SECTION 23

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE SERVICE DISTRICT BOUNDARY OF CITY OF IRRIGON

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter. The totalizing flow meter must be installed and maintained in good working order consistent with those standards identified in OAR 690-507-645(1) through (3). The permittee 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 Oregon Water Resources Department (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; provided however, where the meter is located within a private structure, the Watermaster shall request access upon reasonable notice.

The well(s) shall produce groundwater only from the alluvial groundwater reservoir.

Within three years of permit issuance, the permittee shall submit a Water Management and Conservation Plan consistent with OAR Chapter 690, Division 86. The Director may approve an extension of this time line to complete the required Water Management and Conservation Plan. The time line for submittal of a plan under this permit does not alter the time lines for submittal of a plan under any other order of the Department.

MITIGATION CONDITIONS

1. MITIGATION AND AVOIDANCE

Except as otherwise provided in this Permit, when municipal water is being diverted during the period April 15 through September 30, the following avoidance and mitigation options, or some combination thereof, must be implemented. The volume of avoidance and/or mitigation provided during April 15 through September 30 must equal the consumptive use of municipal water diverted during the same time period. The permittee must notify the Department which avoidance, mitigation, or combination of these conditions will be implemented each year. The notification must occur in advance, at least annually, and no later than March 1, unless extended by the Department.

Consumptive Use is defined in this permit as being the amount of municipal water diverted under this permit minus any amount of water that is returned to ground water or surface water through the permittee's water treatment system. For the purposes of this permit the initial consumptive amount is equal to 52% of the volume that is pumped during the mitigation period for use under this permit. The permittee may request that this number be adjusted by submitting evidence that support a more appropriate percentage. The permittee shall provide additional mitigation if the Department

determines that the average annual consumptive use of the subject appropriation has increased beyond the originally mitigated amount.

2. DOMESTIC USE

For the purposes of this permit, "domestic use" includes water use indoors: in homes, churches and public buildings including schools, that receive water from this permit.

A. Minimum Extent of Domestic Use Under This Permit Not Requiring Mitigation

At a minimum, Permittee may use water under this Permit under the domestic exemption during April 15 through September 30 (without being subject to the mitigation and avoidance requirements of this Permit), at a rate (measured in cubic feet per second) equal to the average monthly "domestic" demand during the preceding November through February multiplied by 2.

For the year 2008, the minimum rate of water that can be used under this Permit under the domestic exemption during April 15 through September 30 (without being subject to the mitigation and avoidance requirements of this Permit) is 0.8357 cfs.

In any year after 2008, the minimum rate of water that can be used under this Permit under the domestic exemption during April 15 through September 30 (without being subject to the mitigation and avoidance requirements of this Permit) shall be at least equal to the minimum established for the year 2008, and may be more, as calculated under this condition (2(A)).

Reference is made to "domestic" use during winter months because that establishes an approximate baseline for "domestic" use during April 15 through September 30 (no lawn watering occurs in the winter, and "domestic" use does not include lawn watering). The additional percentage accounts for the fact that domestic use is typically higher during the summer than in the winter.

B. Maximum Extent of Domestic Use Under This Permit Not Requiring Mitigation

At most, the Permittee may use water under this Permit under the domestic exemption during April 15 through September 30 without being subject to the mitigation and avoidance requirements of this Permit, at a rate not greater than the Permittee's highest projected total daily demand (measured in cubic feet per second, or "cfs") for domestic use at any time during the period of April 15 through September 30 of the same year.

3. DOCUMENTATION OF DOMESTIC DEMAND

A. Documentation of Minimum Domestic Demand

On or before March 1 of each year, the Permittee shall submit documentation to the Watermaster setting forth the Permittee's minimum domestic demand if proposed to increase it from the previous year, as described in mitigation condition 2(A), above.

B. Documentation of Maximum Domestic Demand

If the Permittee's highest projected total daily demand for domestic use is expected to exceed the minimum domestic demand described above in condition 2(A), for domestic use at any time during April 15 through September 30, the Permittee shall submit documentation to the Watermaster providing a reasonable justification for such peak domestic demand projections consistent with condition 2(B), above. Such documentation must be submitted prior to any use of water under the domestic exemption in excess of the minimum rate described in condition 2(A).

4. ADDITIONAL REQUIREMENT FOR FLOW METERS

As a condition of use of water under this Permit, all of the Permittee's sources of municipal water shall be equipped with flow meters capable of measuring volume and instantaneous rate, and the Permittee shall maintain such flow meters according to the manufacturer's specifications.

5. WATER USE REPORTING AND ADDITIONAL INFORMATION

Unless otherwise directed by the Department, during the period of April 15 through September 30 of each year, the Permittee shall provide monthly reports to the Watermaster showing daily volume and peak rate data from all of the Permittee's sources of municipal water. The Department may require additional information and reporting from the Permittee regarding its domestic demand and water use from any source during the period of April 15 through September 30.

6. MODIFICATION OF PROJECTED DEMAND FOR DOMESTIC USE

In the event that the Permittee's actual peak demand for domestic use of water at any time during the period of April 15 through September 30 significantly differs from the Permittee's projections, the Watermaster and the Permittee may agree in writing to a reasonable modification of those projections. Any modification of the Permittee's projections shall only be applied prospectively from the date of the modification.

7. EMERGENCY USE NECESSARY FOR PUBLIC HEALTH AND SAFETY

The Permittee may also use water under this Permit for emergency use necessary for public health and safety, as determined by the Department, without being subject to the mitigation and avoidance requirements of this Permit. If the Permittee believes that this

Permit must be used for emergency use necessary for public health and safety, the Permittee shall immediately contact the appropriate OWRD Watermaster and describe the specific situation. As rapidly as practicable, the Department will determine (1) whether the situation constitutes an emergency necessitating use of water for public health and safety, and (2) if so, the amount of such water use that can be made by the Permittee under this Permit without being subject to the mitigation and avoidance requirements of this Permit.

8. AVOIDANCE

Diversion may occur if the permittee replaces water in amounts as specified in this permit by not diverting water under existing water rights from the Columbia River mainstem with points of diversion within the McNary or John Day Pools or from groundwater sources that are hydraulically connected to the Columbia River.

When calculating the amount of water that can be used under this permit as a result of avoidance, water rights that include a duty, such as irrigation, shall be calculated using a rate and duty. Other water rights, such as those for municipal or industrial that typically do not have a duty, shall be calculated using a rate only to determine the total volume. If any volume under the water right(s) will be diverted, said volume shall be measured, as approved by the Department, to determine the volume not diverted that will be used as avoidance water.

Special Conditions Related to Using Permitted Water as Avoidance Water:

Permitted water must have been beneficially used by the permittee in order to be eligible for use as avoidance water. The permit holder must first submit documentation to the Department for review and approval that shows that the permitted water has been beneficially used.

9. MITIGATION

Diversion of water may occur under this right if the permittee provides mitigation water in amounts as specified in this permit into the Columbia River, and its tributaries at or above the John Day Dam.

The mitigation water may be provided by protection of instream flows via the transfer or lease of water rights to instream use; allocation of conserved water; release of stored water delivered into the Columbia River, or its tributaries at or above the John Day Dam subject to the terms and conditions of a contract for the use of stored water, of which a copy of the contract must be on file in the records of the Water Resources Department; or other replacement flow.

In addition, the permittee shall receive a permanent mitigation credit for each domestic use that is added to the municipal water delivery system that was previously using a private domestic well that received water from the alluvial (shallow) aquifer. Each hook-up is worth an acre-foot

credit of 0.22 acre-foot per year for inside use and 1.25 acre-feet for an assumed 0.5 acre of domestic irrigated land for a total of 1.47 acre-feet mitigation credit. To receive the permanent credit the permittee shall provide to the Department written notification and well log documentation that shows that the well has been properly abandoned. The notification should include an estimate of the approximate area that has been irrigated for each domestic use. Mitigation credit for the consumptive portion of a valid alluvial aquifer groundwater right that is officially abandoned after hook up of the land parcel to the city can also qualify as mitigation.

10. NOTIFICATION

No later than March 1 of each year, unless extended by WRD, the Permittee shall notify the Director which avoidance, mitigation, or combination of these conditions will be implemented to avoid or mitigate the impacts to the Columbia River.

The Department will review the submittal, and contact the Permittee if the proposed avoidance or mitigation is not consistent with the conditions of the permit. The Permittee shall provide notice to WRD, for review and potential approval, of any changes in avoidance or mitigation three weeks prior to the avoidance or mitigation window (April 15 - September 30) for diversion of water.

These notifications are not necessary if:

1. The water right(s) for mitigation is a certificate or the permittee has submitted a claim of beneficial use documenting their full intended use of water as mitigation for this permit; and
2. The total volume perfected during April 15 through September 30 has been permanently transferred instream, or otherwise permanently protected instream as mitigation sufficient to protect flows to the Columbia River as specified above.

STANDARD CONDITIONS

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

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.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the Watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the Watermaster shall distribute the water according to such agreement.

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.

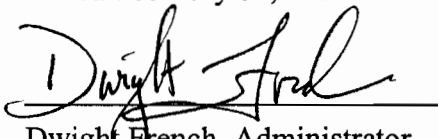
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

The permittee shall commence and complete construction of any proposed works within 20 years from the date of permit issuance. The Department may order and allow an extension of time to complete construction or to perfect a water right beyond 20 years from the date of permit issuance.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued February 14, 2008



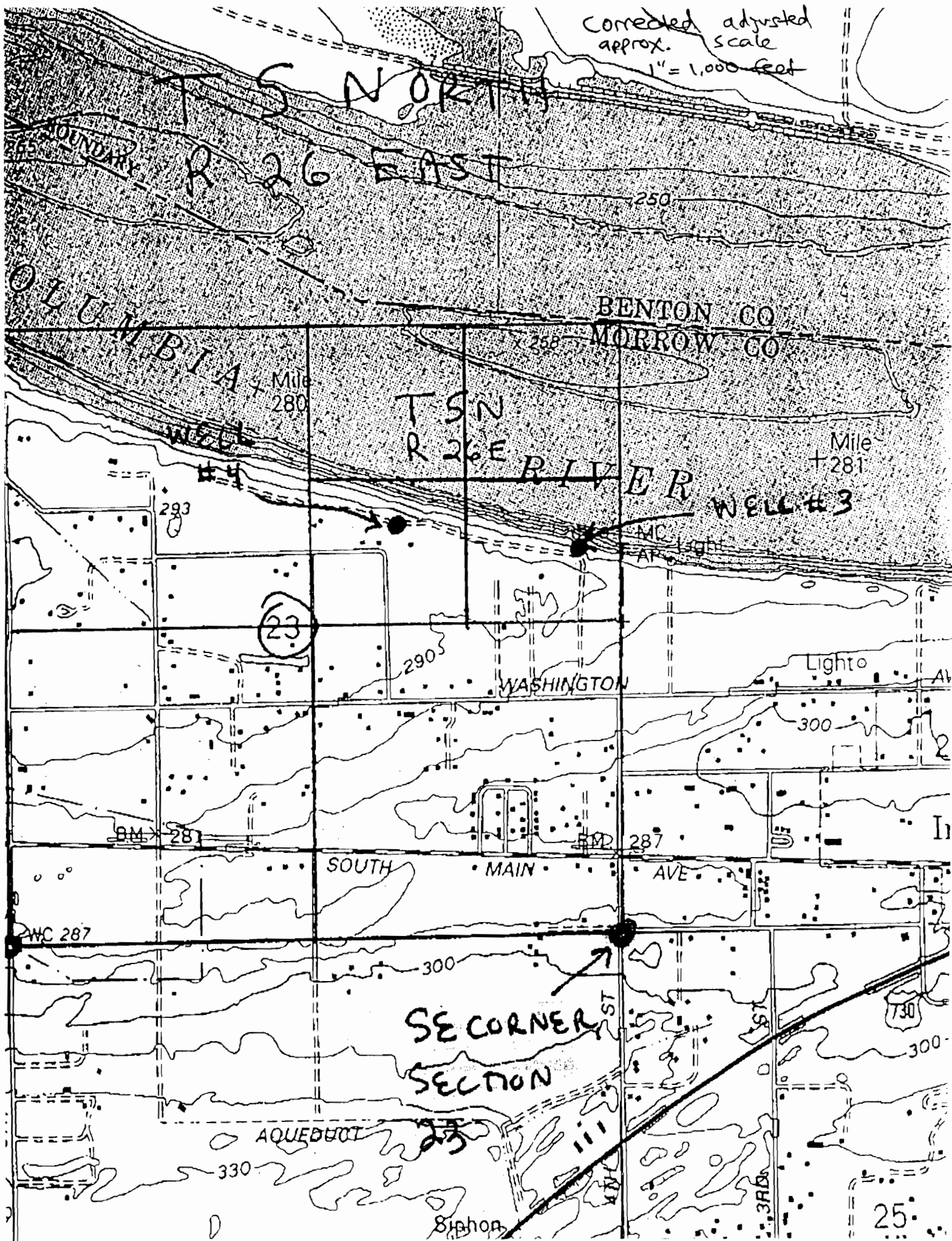
Dwight French, Administrator
Water Rights and Adjudications

for

Phillip C. Ward, Director
Oregon Water Resources Department

Corrected adjusted
approx. scale

1" = 1,000 feet



**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-16445

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 5^N/26E-24da

5N/27E-19cb

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date June 16, 2005

FROM: Ground Water/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G- 16445 Supersedes review of N/A
Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. 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 Irrigon County: Morrow

- A1. Applicant(s) seek(s) 6.6845 cfs from two well(s) in the Umatilla Basin,
Columbia-Umatilla Plateau subbasin Quad Map: Irrigon
- A2. Proposed use: Municipal Seasonality: Year round
- A3. 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 | Proposed | 3 | Alluvium | 3.342 | 5N/26E-24 NE-SE | 2600' N, 1120' W fr SE cor S24 |
| 2 | Proposed | 4 | Alluvium | 3.342 | 5N/27E-19 NW-SW | 2600' N, 1400' E fr SW cor S19 |
| 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 |
|------|------------------|--------------------|------------|----------|-----------------|--------------------|-----------------------|----------------------|------------------------------|------------------|----------------|-----------|
| 3 | 274 | 40 | 15 | | 100 | 0-40 | 0-100 | | 40-100 | 1500 | | |
| 4 | 272 | 40 | 15 | | 100 | 0-40 | 0-100 | | 40-100 | 1500 | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Use data from application for proposed wells.

A4. **Comments:** _____

A5. **Provisions of the Umatilla** Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: See OAR 690-507-0070(3)(e).

A6. Well(s) # _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
 Name of administrative area: _____
 Comments: _____

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

C1. 690-09-040 (1): Evaluation of aquifer confinement:

| Well | Aquifer or Proposed Aquifer | Confined | Unconfined |
|------|---|--------------------------|-------------------------------------|
| 3,4 | Alluvium adjacent to the Columbia River (Qal) | <input type="checkbox"/> | <input checked="" 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"/> |

Basis for aquifer confinement evaluation: Nearby well logs do not describe any low permeability materials immediately above the water-bearing zone within the alluvium.

C2. 690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than 1/4 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 |
| 3 | 1 | Columbia River | 259 | 265 | 150 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4 | 1 | Columbia River | 257 | 265 | 150 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Basis for aquifer hydraulic connection evaluation: The Division 9 rules require a finding of hydraulic connection for unconfined aquifers developed by wells less than one-quarter mile from surface water sources. In addition, the proposed well construction and likely head relationship suggest a strong hydraulic connection.

Water Availability Basin the well(s) are located within: No WAB in this area. See Dwight French memo to caseworkers dated 12/6/2004.

C3a. 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 < 1/4 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? |
|------|------|-------------------------------------|--------------------------|-------------------------|------------------------------|--------------------------|------------------------|------------------------------|----------------------------|---|
| 3 | 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | 96.5 | <input checked="" type="checkbox"/> |
| 4 | 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | 96.5 | <input checked="" 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"/> |

C3b. **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? |
|-----|------|--|-------------------------------------|-------------------------|------------------------------|--------------------------|------------------------|------------------------------|----------------------------|---|
| 3+4 | 1 | | <input checked="" type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | 96.5 | <input checked="" 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"/> |

Comments: Used Wozniak modification of Hunt stream depletion model. Percent interference calculated is not dependent on pumping rate, so there is no need to include additional graphs for each well pumped separately.

C4a. **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 | | | | | | | | | | | | | |
| (A) = Total Interf. | | | | | | | | | | | | | |
| (B) = 80 % Nat. Q | | | | | | | | | | | | | |
| (C) = 1 % Nat. Q | | | | | | | | | | | | | |
| (D) = (A) > (C) | | | | | | | | | | | | | |
| (E) = (A / B) x 100 | | % | % | % | % | % | % | % | % | % | % | % | % |

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: This section does not apply.

Multiple horizontal lines for text entry.

C4b. 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

- C5. [] If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
i. [] The permit should contain condition #(s)
ii. [] The permit should contain special condition(s) as indicated in "Remarks" below;

C6. SW / GW Remarks and Conditions

Multiple horizontal lines for text entry.

References Used: Ground Water Reports #23 and #24; local well logs; regional geologic maps; reviews of nearby files; personal communication with Donn Miller.

Multiple horizontal lines for text entry.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. **THE WELL 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) _____

D3. **THE WELL construction deficiency:**

- a. constitutes a health threat under Division 200 rules;
- b. commingles water from more than one ground water reservoir;
- c. permits the loss of artesian head;
- d. permits the de-watering of one or more ground water reservoirs;
- e. other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

D5. **THE WELL** a. was, or was not constructed according to the standards in effect at the time of original construction or most recent modification.

b. I don't know if it met standards at the time of construction.

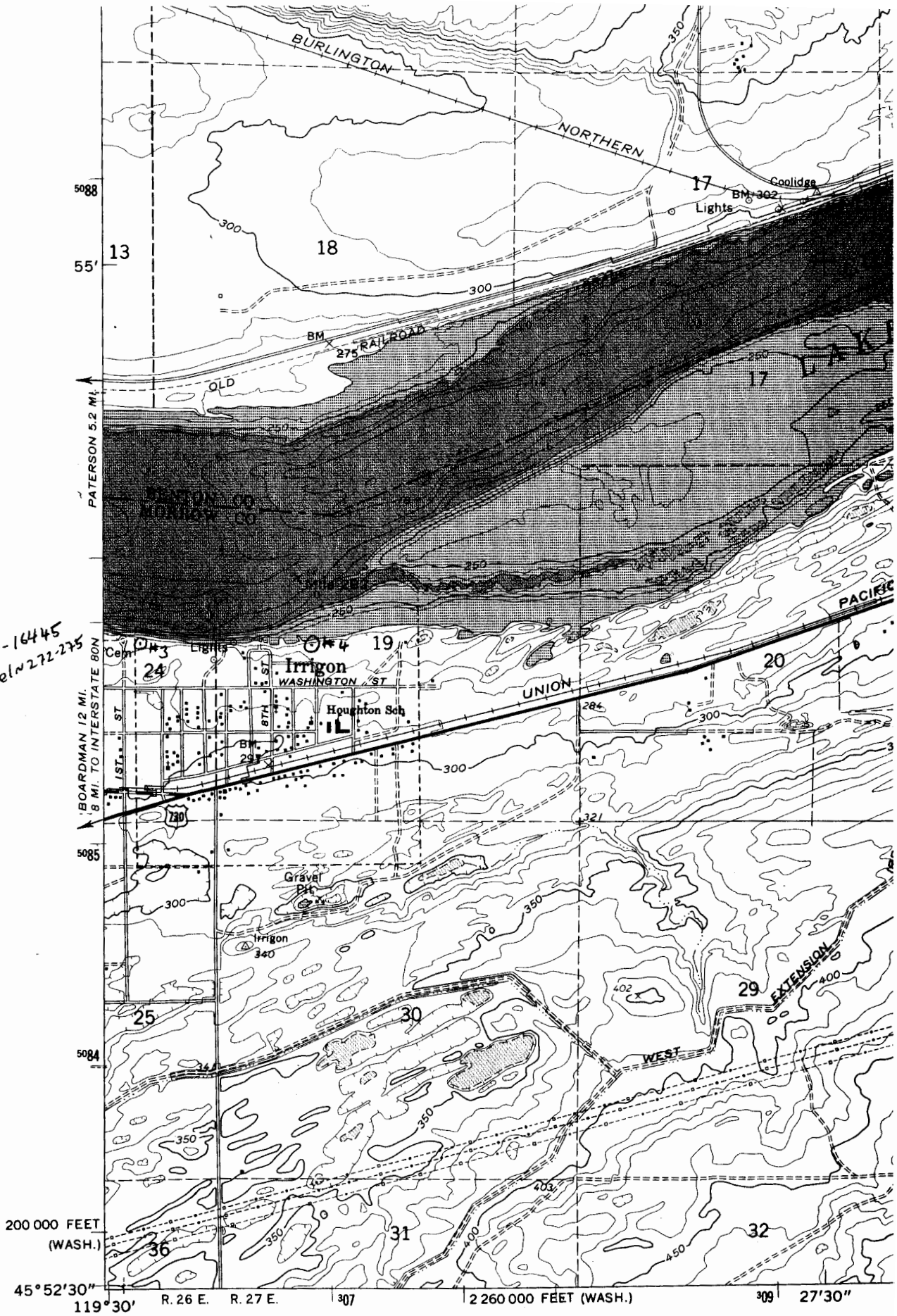
D6. **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. Well construction deficiency has been corrected by the following actions: _____

_____, 200_____
(Enforcement Section Signature)

D8. **Route to Water Rights Section (attach well reconstruction logs to this page).**



(CLARKE)
2015 / SE

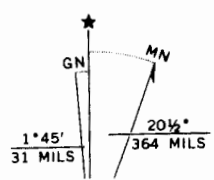
Mapped, edited and published by the Geological Survey

Control by USGS, USC&GS, and USCE

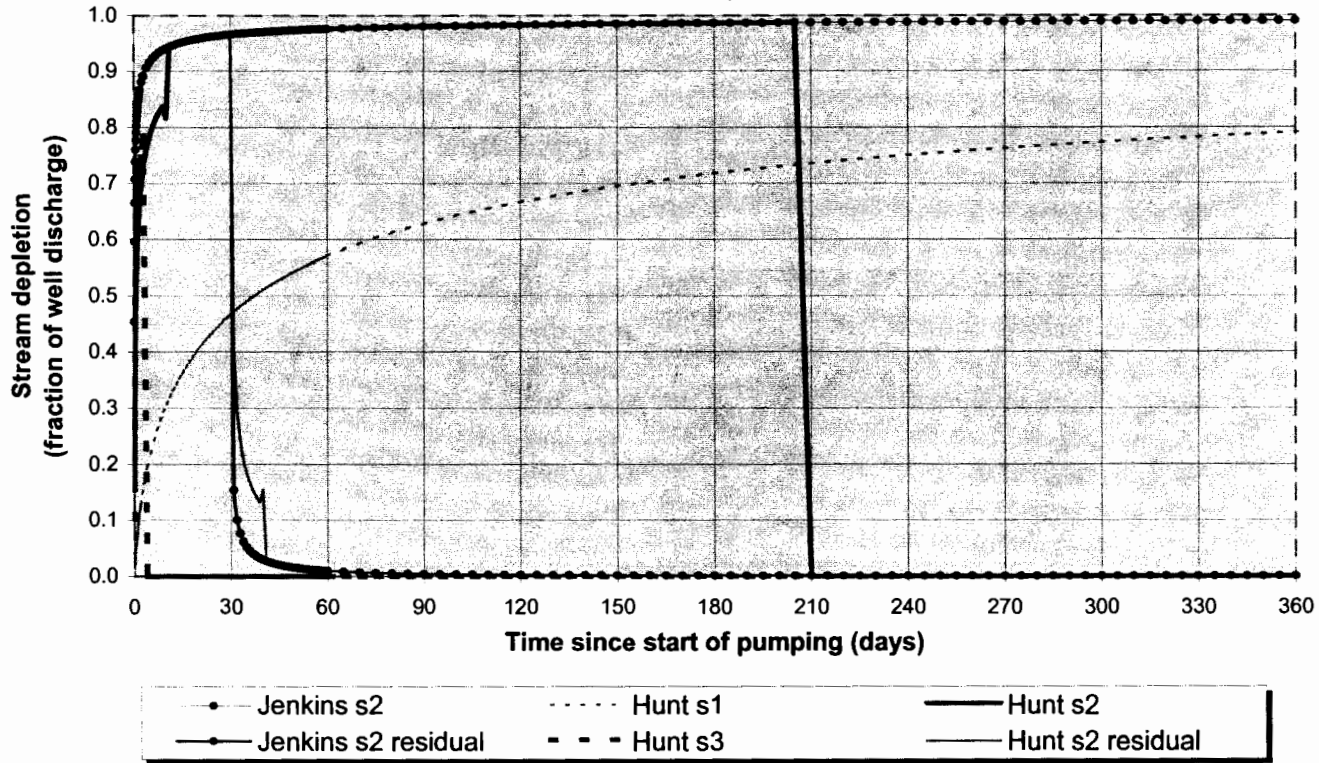
Topography by photogrammetric methods from aerial photographs taken 1958 and 1960. Field checked 1962

Selected hydrographic data compiled from USC&GS Chart 6162 (1961)

This information is not intended for navigational purposes



**Transient Stream Depletion (Jenkins, 1970; Hunt, 1999)
G-16445, Columbia River**



Output for Hunt Stream Depletion, Scenario 2 (s2): Time pump on = 30 days

| Days | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | 360 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Hunt SD s2 | 0.965 | 0.010 | 0.004 | 0.003 | 0.002 | 0.001 | #NUM! | #NUM! | #NUM! | #NUM! | #NUM! | #NUM! |
| Qw, cfs | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 | 6.685 |
| H SD s2, cfs | 6.454 | 0.068 | 0.030 | 0.018 | 0.012 | 0.009 | #NUM! | #NUM! | #NUM! | #NUM! | #NUM! | #NUM! |

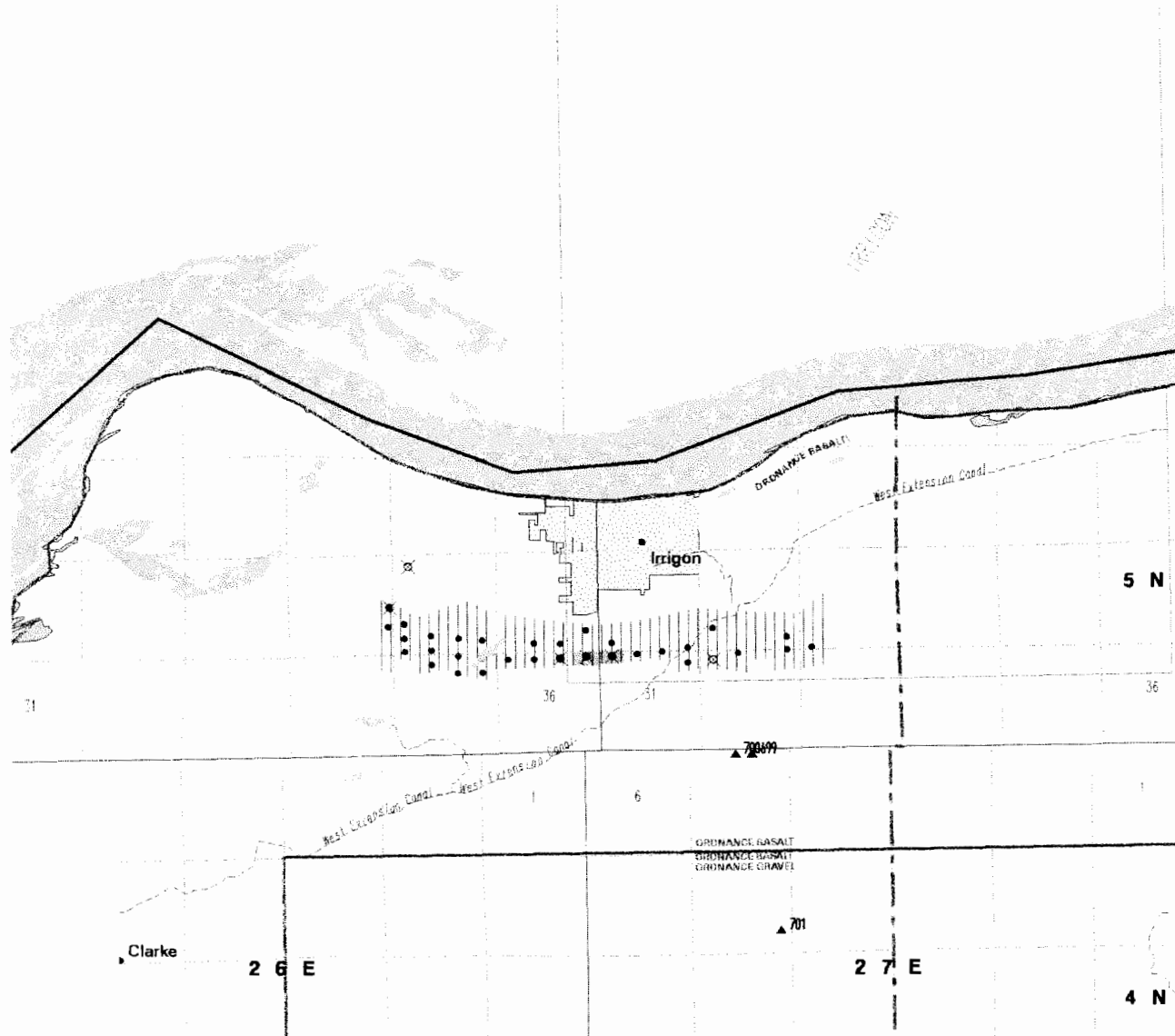
Parameters:

| | | Scenario 1 | Scenario 2 | Scenario 3 | Units |
|--------------------------------|----|------------|------------|------------|-----------|
| Net steady pumping rate | Qw | 6.6845 | 6.6845 | 6.6845 | cfs |
| Distance to stream | a | 150 | 150 | 150 | ft |
| Aquifer hydraulic conductivity | K | 50 | 200 | 50 | ft/day |
| Aquifer thickness | b | 100 | 100 | 100 | ft |
| Aquifer transmissivity | T | 5000 | 20000 | 5000 | ft*ft/day |
| Aquifer storage coefficient | S | 0.1 | 0.1 | 0.1 | |
| Stream width | ws | 3300 | 3300 | 3300 | ft |

| | | | | | |
|-----------------------------------|-----|-------|--------|------|--------|
| Streambed hydraulic conductivity | Ks | 0.01 | 0.5 | 1 | ft/day |
| Streambed thickness | bs | 5 | 10 | 5 | ft |
| Streambed conductance | sbc | 6.6 | 165 | 660 | ft/day |
| Stream depletion factor (Jenkins) | sdf | 0.45 | 0.1125 | 0.45 | days |
| Streambed factor (Hunt) | sbf | 0.198 | 1.2375 | 19.8 | |

Wells in the vicinity of application G 16445

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ⊗ Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- ▲ OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- - - Regulated GW Area



Hearing and Appeal Rights

Under the provisions of ORS 537.170 and ORS 537.622, the applicant may request a contested case hearing by submitting the information required for a protest under ORS 537.153(6) or ORS 537.621(7) to the Department within 14 days after the date of mailing of this order as shown below. If a contested case hearing is requested, the Department must schedule one. In the contested case hearing, however, only those issues based on the above modifications to the proposed final order may be addressed.

ORS 536.075 allows for additional appeal rights for other than contested case. 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.

This statement of judicial review rights does not create a right to judicial review of this order, if judicial review is otherwise precluded by law or by a Settlement Agreement. Where no changes have been made to a Proposed Final Order on a water right application and no protests have been filed during the protest period, the final order is not subject to judicial review.

SUPERCEING FINAL ORDER INCORPORATING SETTLEMENT AGREEMENT

Application History


On April 22, 2005, a water right application was submitted on behalf of the City of Irrigon by either Keith White (Public Works Superintendent) or Donald Baxter (Mayor). The Oregon Water Resources Department (OWRD) designated this file as Application G-16445. On July 25, 2006, OWRD issued a Proposed Final Order (PFO) recommending to approve Application G-16445 with conditions. On September 8, 2006, OWRD received a protest to the PFO from the Applicant, through their attorneys. Settlement negotiations between the parties resulted in a Settlement Agreement. As of February 13, 2008, OWRD and Applicant entered into a Settlement Agreement resolving all issues raised in Applicant's protest to the PFO on Application G-16445. The Settlement Agreement is incorporated into this Final Order and is attached hereto.

On February 14, 2008, the Department issued a Final Order and permit implementing the Settlement Agreement. The February 14, 2008, Final Order contained two typographical errors, referring to the wrong permit number. The permit did not contain the same errors and is not being modified by this Superceding Final Order.

As conditioned in Permit G-16297, the proposed use will not impair or adversely affect the public welfare, safety and health.

Order

Application G-16445 was approved on February 14, 2008 and Permit G-16297 was issued as provided in the Settlement Agreement.



Dwight French
Administrator of Water Rights
and Adjudications

for
Phillip C. Ward, Director
Oregon Water Resources Department

February 25, 2008
Date

BEFORE THE OREGON WATER RESOURCES DEPARTMENT

In the Matter of Water Right Application G-16445)
in the name of the City of Irrigon,)
Applicant and Protestant)
_____)

**SETTLEMENT
AGREEMENT**

The Oregon Water Resources Department (“OWRD”) and the City of Irrigon (“Applicant”), referred to collectively as “the Parties” and each individually a “Party,” do hereby stipulate and agree in this “Settlement Agreement” as follows:

Stipulations

- I. On April 22, 2005, a water right application was submitted on behalf of the City of Irrigon by either Keith White (Public Works Superintendent) or Donald Baxter (Mayor). The Oregon Water Resources Department (OWRD) designated this file as Application G-16445.
- II. On July 25, 2006, OWRD issued a Proposed Final Order (PFO) recommending approval of Application G-16445 with conditions.
- III. On September 8, 2006, OWRD received a protest to the PFO from the Applicant, through their attorneys.
- IV. On November 7, 2007, OWRD issued a superceding PFO recommending approval of Application G-16445 with conditions.
- V. On January 11, 2008, OWRD received a protest to the superceding PFO from the Applicant, through their attorneys.
- IV. OWRD and Applicant agree that all issues raised in Applicant’s protest to the PFO on Application G-16445 are resolved solely on the following terms.

Terms of Agreement

- 1. In signing this Settlement Agreement, Applicant withdraws its protest and any associated request for contested case hearing regarding the PFO for Application G-16445 with prejudice.
- 2. Regarding water right Application G-16445, Applicant hereby expressly waives all right and opportunity to file a protest or request for contested case hearing, request for reconsideration, exceptions, or to seek judicial review of the Final Order or Permit, in addition to waiving any right and opportunity to challenge this Settlement Agreement, which includes the attached Draft Final Order and Draft Permit.

RECEIVED

FEB 19 2008

WATER RESOURCES DEPT
SALEM, OREGON

3. After Applicants sign this Settlement Agreement, they will:
 - (a) immediately fax a signed copy to the attention of Dwight French at 503-986-0901; and
 - (b) promptly mail a \$250.00 check for payment of the permit recording fees (payable to the Oregon Water Resources Department) and the complete signed original Settlement Agreement (including all the attachments) back to Oregon Water Resources Department, ATTN: Dwight French, 725 Summer St. NE, Suite A, Salem, OR 97301-1266. This action is not required if the applicants have since January 11, 2008, mailed a check for said amount to the OWRD.
4. Within 30 days after OWRD receives the original Settlement Agreement signed by OWRD and Applicant, along with the required \$250.00 permit recording fee, OWRD will issue a Final Order and Permit that are consistent with the Draft Final Order and Draft Permit attached to this Settlement Agreement. The Final Order will incorporate this Settlement Agreement by reference and as an attachment.
5. The Parties acknowledge and agree that if the Applicant were to forgo pumping from its existing certificated alluvial well (see certificates 81677 and 81678), that would qualify as acceptable "avoidance" as defined in the Permit resulting from water right application G-16445, to the extent of actual past use of water under the aforementioned certificates, and in no event more than 2.22 cubic feet per second of avoidance.
6. This Settlement Agreement does not preclude Applicant from advocating for or against legislation.
7. Each Party to this Settlement Agreement represents, warrants, and agrees that the person who executes this Agreement on its behalf has the full right and authority to enter into this Agreement on behalf of that Party and bind that Party to the terms of this Settlement Agreement.
8. Each Party to this Settlement Agreement certifies that they have had a reasonable opportunity to review and request changes to the Settlement Agreement, and that they have signed this Settlement Agreement of their own free will and accord. Each Party to this Settlement Agreement also certifies that they have read the entire Settlement Agreement, Draft Final Order, and Draft Permit, and understand and fully agree with the contents thereof.
9. As mentioned above, permit recording fees in the amount of \$250.00 must be paid prior to issuance of a permit. If Final Order and/or Permit issuance are delayed due to failure of the Applicants to pay any required fees, this will not constitute breach of the Settlement Agreement by OWRD.
10. This Settlement Agreement may be signed in counterparts, each of which will be deemed

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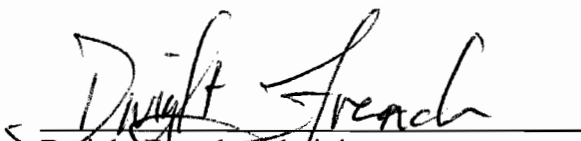
FEB 19 2008

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WATER RESOURCES DEPT
SALEM, OREGON

an original, and all of which together shall constitute one and the same Settlement Agreement.

**SIGNATURE PAGE FOR SETTLEMENT
ON WATER RIGHT APPLICATION G-16445**



Dwight French, Administrator,
Water Rights and Adjudications Division
for

Phillip C. Ward, Director
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301

2-5-08
Date



City of Irrigon, Applicant
By (print name) ARNOLD J. THEISEN

2/13/08
Date

RECEIVED

FEB 19 2008

WATER RESOURCES DEPT
SALEM, OREGON

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

In the Matter of the Proposed Water)
Management and Conservation Plan for the)
City of Irrigon, Morrow County)

FINAL ORDER APPROVING A
WATER MANAGEMENT AND
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.

Findings of Fact

1. The City of Irrigon submitted a Water Management and Conservation Plan (plan) to the Water Resources Department (Department) on June 27, 2006. The required statutory fee for review of the plan was received by the Department on July 17, 2007. The plan was required by a condition set forth under Permit G-16297.
2. The Department published notice of receipt of the plan on July 25, 2006, 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 May 11, 2011, and in response, the City submitted revisions to the plan on October 26, 2011, January 30, 2014 and January 31, 2014.
4. The Department reviewed the revised plan and finds that it is consistent with the relevant requirements under OAR Chapter 690, Division 086.

Conclusion of Law

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

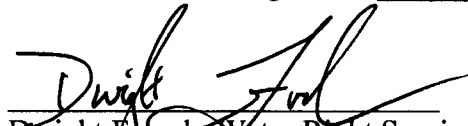
Now, therefore, it is ORDERED:

1. The City of Irrigon's Water Management and Conservation Plan is approved and shall remain in effect until January 31, 2023, unless this approval is rescinded pursuant to OAR 690-086-0920.

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.

2. The City of Irrigon shall submit an updated plan meeting the requirements of OAR Chapter 690, Division 086 within 10 years and no later than July 31, 2022.
3. The City of Irrigon shall submit a progress report containing the information required under OAR 690-086-0120(4) by January 31, 2019.
4. 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 Irrigon 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 31 day of January, 2014.



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

Mailing date: FEB 06 2014

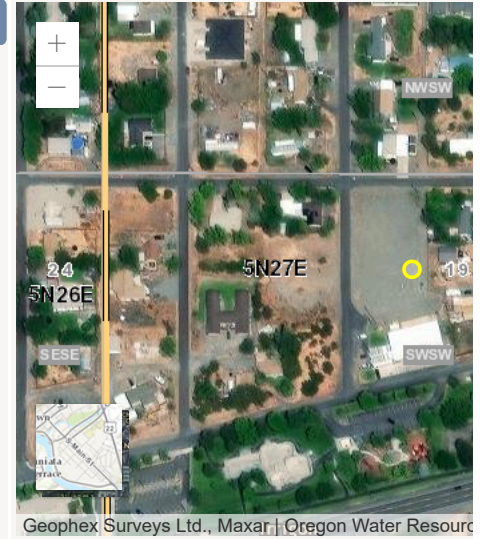


Site Identification (Click to Collapse...)

| | |
|----------------------------------|-----------------------------------|
| GW LogID: MORR 1409 | Well Log Database |
| GW Well Tag Number: | |
| Tag Verified on Well: | No |
| Site Type: | WELL #1 |
| Primary Use: | PUBLIC SUPPLY |
| Unused Status: | |
| Site Source Organization: | |
| Site Source OWRD: | |
| Established By: | DONN MILLER |
| Established Date: | 09/20/2001 |
| Bonded Company: | |
| Stage: | COMPLETE |

Location (Click to Collapse...)

| Latitude/Longitude | |
|--|--|
| Latitude: 45.89697939 | Horiz. Error: 35.00 ft. |
| Longitude: -119.49210138 | Datum: WGS1984 |
| Lat/Long Source: GPS FIELD OFFICE | |
| Location | |
| TRSQQ: | WM 5.00N27.00E19SWSW |
| Tax Map: | 05N-27-19CC |
| Taxlot: | 1500 |
| 24 Quad: | IRRIGON |
| Basin: | 7 - Umatilla |
| County: | Morrow |
| WM District: | 5 |
| WM Region: | NC |
| LSD Elev: | 300.60 Accy: 1.00 Datum: NAVD1988 |
| Elev Source: | LIDAR |
| | Groundwater Mapping Tool |



Water Rights (Click to Collapse...)

| Water Right PODs | | | | | | | | | | | | | |
|--|----------------------|-------------|--------|-------|-----------|-------|--------------|---------------|---------------|--------------|----------|--------------|---------------------|
| POD | WRIS Details | Application | Permit | Cert | Transfers | Claim | supplemental | priority_date | Season of Use | max_rate_cfs | rate_cfs | rate_cfs_est | TRSQQ |
| POD 1 - A WELL > COLUMBIA RIVER | WRIS | G 4534 | G 4269 | 42328 | | | | 8/5/1968 | 1/1 ~ 12/31 | 0.270 | 0.270 | | WM5.00N27.00E19SWSW |

Well Construction History (Click to Collapse...)

| Well Construction History | | | | | | | | | | | | |
|---------------------------|---------------------|-----------|-----------|----------|-----------------|-------------|-----------------|------------------|-----------------|-----------|-----------------|---------------|
| Well Log id | Well Log | Work Type | Startcard | Well Tag | Owner Name | First Water | Max Case. Diam. | Max Case. Depth. | Max Seal Depth. | Max Depth | Completed Depth | Complete Date |
| MORR 1409 | Log | NEW | | | CITY OF IRRIGON | | 12 | | 85.00 | 317.00 | 235.00 | 12/5/1968 |

| Well Log | Aquifer | Aq at Max Depth | System Aquifer | Regional USGS Aquifer | Local USGS Aquifer |
|-----------|-----------------------|-------------------------|-------------------------------|-----------------------|-----------------------------|
| MORR 1409 | Columbia River Basalt | Late Tertiary Basalt Aq | Late Tertiary Basalt Aquifers | | Columbia River Basalt Group |

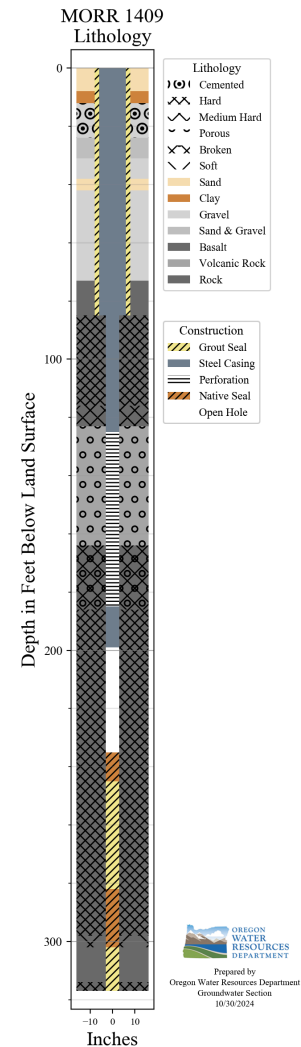
| Well Test | | | | | |
|-----------|-----------|------------|----------|---------------|---------------------------------------|
| Well Log | Test Type | Yield(gpm) | Drawdown | Duration (hr) | Calculated Specific Capacity (gpm/ft) |
| MORR 1409 | Pump | 142.0 | 115.0 | 27.0 | 1.23 |

Lithology (Click to Collapse...)

| Lithology |
|-----------|
| |

[Download Diagram](#)

| Start Depth | End Depth | Prim. Lithology | Lithology Desc. | Water Bearing Zone | Water Bearing Zone WL |
|-------------|-----------|-----------------|--------------------------|--------------------|-----------------------|
| 0.00 | 8.00 | Sand | Sand | | |
| 8.00 | 12.00 | Clay | Clay & Sand | | |
| 12.00 | 24.00 | Gravel | Cemented Gravel | | |
| 24.00 | 31.00 | Sand & Gravel | Sand & Gravel | | |
| 31.00 | 38.00 | Gravel | Gravel | | |
| 38.00 | 42.00 | Sand | Sand | | |
| 42.00 | 71.00 | Gravel | Gravel & Boulders | | |
| 71.00 | 73.00 | Gravel | Gravel & Fine Sand | | |
| 73.00 | 85.00 | Basalt | Black Basalt | | |
| 85.00 | 116.00 | Basalt | Hard Gray Basalt | | |
| 116.00 | 123.00 | Basalt | Medium Hard Gray Basalt | | |
| 123.00 | 164.00 | Lava | Porous Lava & Green Clay | | |
| 164.00 | 186.00 | Rock | Broken Brown Rock | | |
| 186.00 | 199.00 | Basalt | Hard Black Basalt | | |
| 199.00 | 298.00 | Basalt | Hard Gray Basalt | | |
| 298.00 | 302.00 | Basalt | Soft Gray & Black Basalt | | |
| 302.00 | 314.00 | Rock | Black Rock | Yes | |
| 314.00 | 317.00 | Basalt | Hard Gray Basalt | | |



Well Construction

(Click to Collapse...)

Construction

| Feature Type | Start Depth | End Depth | Diameter | Material Type |
|---------------|-------------|-----------|----------|-----------------|
| Casing | 0.00 | 85.00 | 12.000 | STEEL |
| Seal | 0.00 | 85.00 | 16.000 | CEMENT GROUT |
| Open Interval | 125.00 | 185.00 | 6.000 | PERFORATION |
| Casing | 0.00 | 199.00 | 6.000 | STEEL |
| Open Interval | 199.00 | 235.00 | 6.000 | OPEN HOLE |
| Seal | 235.00 | 245.00 | 6.000 | NATIVE MATERIAL |
| Seal | 245.00 | 282.00 | 6.000 | CEMENT GROUT |
| Seal | 282.00 | 302.00 | 6.000 | NATIVE MATERIAL |
| Seal | 302.00 | 317.00 | 6.000 | CEMENT GROUT |

Measured Water Level (Click to Collapse...)

Records/Page:

Measured Water Level

| Date | Time | Water Level (BLSL) | WL Elev (ft AMSL) | Organization | OWRD | Method | Status | MP Height |
|------------|------|--------------------|-------------------|--------------|----------|----------|---------|-----------|
| 2/22/1990 | | 39.28 | 261.32 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 2/24/1987 | | 39.64 | 260.96 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 2/14/1986 | | 40.45 | 260.15 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 2/11/1984 | | 40.71 | 259.89 | OWRD | GWATER | ETAPE | UNKNOWN | 1.50 |
| 3/4/1982 | | 34.20 | 266.40 | USGS | GWATER | AIRLINE | STATIC | |
| 8/26/1981 | | 34.85 | 265.75 | USGS | GWATER | ETAPE | STATIC | |
| 8/20/1980 | | 29.70 | 270.90 | USGS | GWATER | ETAPE | STATIC | |
| 1/10/1975 | | 43.80 | 256.80 | USGS | GWATER | UNKNOWN | STATIC | |
| 11/20/1968 | | 38.00 | 262.60 | DRILLER | WELL LOG | REPORTED | UNKNOWN | |

Stratigraphy (Click to Collapse...)

Records/Page:

Stratigraphy

| Start Depth | End Depth | Start Depth Elev. | End Depth Elev. | Depth Thickness | Stratigraphy Unit | Sample Source | Picked By | Est. Age | Est. Age Err. |
|-------------|-----------|-------------------|-----------------|-----------------|-------------------------------|---------------|-------------|----------|---------------|
| 0.00 | 12.00 | 300.60 | 288.60 | 12.00 | Sediment.PostCrb | CONSULTANT | TERRY TOLAN | | |
| 12.00 | 73.00 | 288.60 | 227.60 | 61.00 | AlkaliCanyonFm | CONSULTANT | TERRY TOLAN | | |
| 73.00 | 123.00 | 227.60 | 177.60 | 50.00 | Crbg.Smb.ElephantMtn | CONSULTANT | TERRY TOLAN | | |
| 123.00 | 164.00 | 177.60 | 136.60 | 41.00 | EllensburgFm.RattlesnakeRidge | CONSULTANT | TERRY TOLAN | | |
| 164.00 | 298.00 | 136.60 | 2.60 | 134.00 | Crbg.Smb.Pomona | CONSULTANT | TERRY TOLAN | | |
| 298.00 | 314.00 | 2.60 | -13.40 | 16.00 | EllensburgFm.Selah | CONSULTANT | TERRY TOLAN | | |
| 314.00 | 317.00 | -13.40 | -16.40 | 3.00 | Crbg.Smb.Umatilla | CONSULTANT | TERRY TOLAN | | |

Flow Meter/Power Meter (Click to Collapse...)

Records/Page:

Flow Meter/Power Meter

| Organization | OWRD | Date | Water Use Year | Final Use (af) | FM Reading Last Year | FM Reading | FM Multiplier | FM Units | FM Rollover Nbr | FM Rollover Value | Final Use Source | Final Use Determination |
|--------------|------------------------|------------|----------------|----------------|----------------------|---------------|---------------|----------|-----------------|-------------------|------------------|-------------------------|
| OWRD | FIELD SERVICES SECTION | 2/21/2024 | | | | 254,240.00 | 10.00 | GAL | 1 | 0 | | |
| OWRD | FIELD SERVICES SECTION | 2/9/2023 | | | | 242,900.00 | 10.00 | GAL | 1 | 0 | | |
| OWRD | FIELD SERVICES SECTION | 11/1/2012 | 2012 | 0.00 | 70,022,900.00 | 70,022,900.00 | 100.00 | GAL | 1 | 0 | OWNER | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 12/1/2011 | 2011 | 0.00 | 70,022,900.00 | 70,022,900.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 12/10/2010 | 2010 | 0.00 | 70,022,900.00 | 70,022,900.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 10/20/2009 | 2009 | 0.23 | 69,946,500.00 | 70,022,900.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |

| | | | | | | | | | | | | |
|------|------------------------|------------|------|-------|---------------|---------------|--------|-----|---|-------------|------|--------------|
| OWRD | FIELD SERVICES SECTION | 12/17/2008 | 2008 | 29.54 | 60,322,300.00 | 69,946,500.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 11/5/2007 | 2007 | 20.85 | 53,527,900.00 | 60,322,300.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 12/12/2006 | 2006 | 52.00 | 36,584,900.00 | 53,527,900.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 11/21/2005 | 2005 | 57.35 | 17,896,100.00 | 36,584,900.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 11/30/2004 | 2004 | 66.25 | 96,307,200.00 | 17,896,100.00 | 100.00 | GAL | 1 | 100,000,000 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 11/20/2003 | 2003 | 67.27 | 74,388,400.00 | 96,307,200.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 11/26/2002 | 2002 | 56.22 | 56,068,400.00 | 74,388,400.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 1/21/2002 | 2001 | 64.15 | 35,163,700.00 | 56,068,400.00 | 100.00 | GAL | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 2/1/2001 | 2000 | 63.25 | | 35,163,700.00 | 100.00 | GAL | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 9/30/1999 | 1999 | 4.31 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 9/30/1998 | 1998 | 52.31 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 9/30/1997 | 1997 | 60.23 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 9/30/1996 | 1996 | 55.02 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 9/30/1995 | 1995 | 51.90 | | | | | 1 | 0 | WURP | |

1 | 2

Available Data

(Click to Collapse...)

Aquifer Test Completed: Water Chemistry: OWRD Recorder:
 Geophysical Log Completed: Flowing Well: Other OWRD Recorder:
 Saline:
 Rock Geochemistry:

Other Documents/Images

(Click to Collapse...)

Image/Document Library

No data matches search criteria.

Other Identifiers

(Click to Collapse...)

Other Identifiers

| Identity Name | Identity | Is Duplicate | Description | Link |
|---------------|-----------------|--------------|-------------------------------|------------------------|
| USGS SITE ID | 455350119292801 | | U.S. Geological Survey Siteid | Report |

 - [View Hydrograph](#)

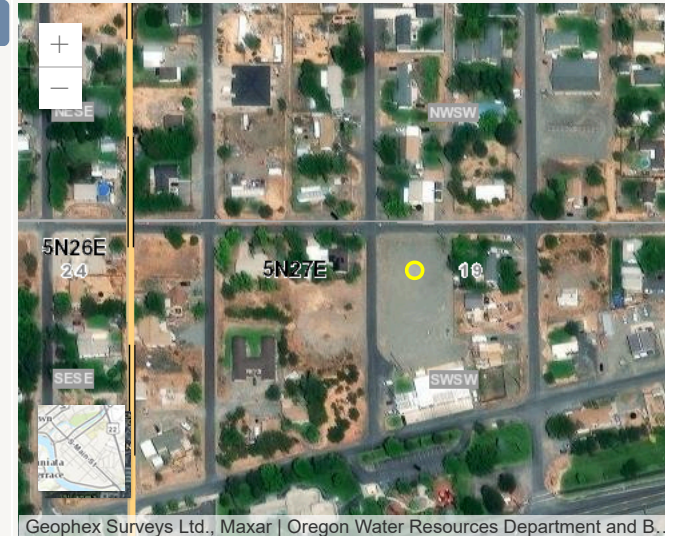


Site Identification (Click to Collapse...)

| | |
|-------------------------------------|-----------------------------------|
| GW LogID: MORR 1398 | Well Log Database |
| GW Well Tag Number: | |
| Tag Verified on Well: No | |
| Site Type: WELL #2 | |
| Primary Use: PUBLIC SUPPLY | |
| Unused Status: | |
| Site Source Organization: | |
| Site Source OWRD: | |
| Established By: DONN MILLER | |
| Established Date: 09/20/2001 | |
| Bonded Company: | |
| Stage: COMPLETE | |

Location (Click to Collapse...)

| | |
|--|--------------------------------|
| Latitude/Longitude | |
| Latitude: 45.89724000 | Horiz. Error: 33.00 ft. |
| Longitude: -119.49229000 | Datum: WGS1984 |
| Lat/Long Source: GPS FIELD OFFICE | |
| Location | |
| TRSQQ: WM 5.00N27.00E19SWSW | |
| Tax Map: | |
| Taxlot: 1500 | |
| 24 Quad: IRRIGON | |
| Basin: 7 - Umatilla | |
| County: Morrow | |
| WM District: 5 | |
| WM Region: NC | |
| LSD Elev: 300.40 Accy: 1.00 Datum: NAVD1988 | |
| Elev Source: LIDAR | |
| Groundwater Mapping Tool | |



Water Rights (Click to Collapse...)

| Water Right PODs | | | | | | | | | | | | | |
|--|----------------------|-------------|--------|-------|-----------|-------|--------------|---------------|---------------|--------------|----------|--------------|---------------------|
| POD | WRIS Details | Application | Permit | Cert | Transfers | Claim | supplemental | priority_date | Season of Use | max_rate_cfs | rate_cfs | rate_cfs_est | TRSQQ |
| POD 1 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 7703 | G 7241 | 93325 | T 10470 | | | 2/8/1977 | 1/1 ~ 12/31 | 0.890 | 0.297 | • | WM5.00N27.00E19SWSW |
| POD 1 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 8439 | G 7563 | 93326 | T 10470 | | | 9/9/1977 | 1/1 ~ 12/31 | 1.330 | 0.443 | • | WM5.00N27.00E19SWSW |

Well Construction History (Click to Collapse...)

| Well Construction History | | | | | | | | | | | | |
|---------------------------|--------------------------------------|-----------|-----------|-------------------------|-----------------|--|-----------------|-----------------------|-----------------|--------------------|-----------------|---------------|
| Well Log id | Well Log | Work Type | Startcard | Well Tag | Owner Name | First Water | Max Case. Diam. | Max Case. Depth. | Max Seal Depth. | Max Depth | Completed Depth | Complete Date |
| MORR 1398 | Log | NEW | | | CITY OF IRRIGON | 38.00 | 16 | 56.50 | 23.00 | 66.00 | 66.00 | 4/8/1977 |
| Well Log | Aquifer | | | Aq at Max Depth | | System Aquifer | | Regional USGS Aquifer | | Local USGS Aquifer | | |
| MORR 1398 | Quaternary-Late Tertiary sediment Aq | | | Late Tertiary Basalt Aq | | Quaternary-Late Tertiary Sediment Aquifers | | | | | | |

| Well Test | | | | | |
|-----------|-----------|------------|----------|---------------|---------------------------------------|
| Well Log | Test Type | Yield(gpm) | Drawdown | Duration (hr) | Calculated Specific Capacity (gpm/ft) |
| MORR 1398 | Pump | 1400.0 | 13.0 | 24.0 | 107.69 |

Well Construction (Click to Collapse...)

| Construction | | | | |
|--------------|-------------|-----------|----------|---------------------|
| Feature Type | Start Depth | End Depth | Diameter | Material Type |
| Seal | | 0.00 | 23.00 | 20.000 CEMENT GROUT |
| Casing | | -2.80 | 56.50 | 16.000 STEEL |

| | | | | |
|---------------|-------|-------|--------|--------------------|
| Open Interval | 56.50 | 66.00 | 16.000 | SCREEN |
| Open Interval | 23.00 | 66.00 | 17.500 | OPEN ANNULAR SPACE |
| Seal | 66.00 | 68.50 | 15.000 | NATIVE MATERIAL |

Measured Water Level (Click to Collapse...)

Records/Page:

Measured Water Level

| Date | Time | Water Level (BLSL) | WL Elev. (ft AMSL) | Organization | OWRD | Method | Status | MP Height |
|------------|------|--------------------|--------------------|--------------|----------|----------|---------|-----------|
| 2/22/1990 | | 39.28 | 261.12 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 8/15/1984 | | 36.91 | 263.49 | OWRD | GWATER | ETAPE | PUMPING | |
| 7/26/1984 | | 29.98 | 270.42 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 3/4/1982 | | 34.20 | 266.20 | OWRD | GWATER | ETAPE | STATIC | 1.50 |
| 8/26/1981 | | 34.85 | 265.55 | OWRD | GWATER | ETAPE | STATIC | 1.25 |
| 8/20/1980 | | 29.70 | 270.70 | OWRD | GWATER | ETAPE | STATIC | 1.30 |
| 12/14/1978 | | 34.78 | 265.62 | OWRD | GWATER | ETAPE | UNKNOWN | |
| 4/8/1977 | | 32.00 | 268.40 | DRILLER | WELL LOG | REPORTED | UNKNOWN | |
| 1/10/1975 | | 43.80 | 256.60 | OWRD | GWATER | REPORTED | UNKNOWN | |
| 11/20/1968 | | 38.00 | 262.40 | DRILLER | WELL LOG | REPORTED | UNKNOWN | |

Flow Meter/Power Meter (Click to Collapse...)

Records/Page:

Flow Meter/Power Meter

| Organization | OWRD | Date | Water Use Year | Final Use (af) | FM Reading Last Year | FM Reading | FM Multiplier | FM Units | FM Rollover Nbr | FM Rollover Value | Final Use Source | Final Use Determination |
|--------------|------------------------|------------|----------------|----------------|----------------------|---------------|---------------|----------|-----------------|-------------------|------------------|-------------------------|
| OWNR | WATER USE REPORT | 12/31/2008 | | 3.69 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 12/17/2008 | 2008 | 406.18 | 81,871,700.00 | 99,564,800.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2007 | | 4.25 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 11/5/2007 | 2007 | 413.48 | 63,860,600.00 | 81,871,700.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2006 | | 3.61 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 12/12/2006 | 2006 | 438.56 | 44,757,000.00 | 63,860,600.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2005 | | 4.92 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 11/21/2005 | 2005 | 486.75 | 23,554,300.00 | 44,757,000.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2004 | | 5.05 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 11/30/2004 | 2004 | 507.89 | 1,430,800.00 | 23,554,300.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2003 | | 5.30 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 11/20/2003 | 2003 | 523.31 | 78,635,400.00 | 1,430,800.00 | 100.00 | CF | 1 | 100,000,000 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2002 | | 4.34 | | | | | 1 | 0 | WURP | |
| OWNR | FIELD SERVICES SECTION | 11/26/2002 | 2002 | 697.38 | 48,257,500.00 | 78,635,400.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWRD | FIELD SERVICES SECTION | 2/21/2002 | 2001 | 120.30 | 43,017,200.00 | 48,257,500.00 | 100.00 | CF | 1 | 0 | FM | KARL WOZNIAK |
| OWNR | WATER USE REPORT | 12/31/2001 | | | | | | | 1 | 0 | WURP | |
| OWRD | FIELD SERVICES SECTION | 2/1/2001 | | | | 43,017,200.00 | 100.00 | CF | 1 | 0 | | |
| OWNR | WATER USE REPORT | 12/31/2000 | 2000 | 411.87 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 12/31/1999 | 1999 | 57.13 | | | | | 1 | 0 | WURP | |
| OWNR | WATER USE REPORT | 12/31/1998 | 1998 | 357.95 | | | | | 1 | 0 | WURP | |

1 | 2

Available Data (Click to Collapse...)

| | | |
|----------------------------|--------------------|----------------------|
| Aquifer Test Completed: | Water Chemistry: | OWRD Recorder: |
| Geophysical Log Completed: | Flowing Well: | Other OWRD Recorder: |
| | Saline: | |
| | Rock Geochemistry: | |

Other Documents/Images (Click to Collapse...)

Image/Document Library

No data matches search criteria.

Other Identifiers (Click to Collapse...)

| Other Identifiers | | | | |
|-------------------|-----------------|--------------|-------------------------------|------------------------|
| Identity Name | Identity | Is Duplicate | Description | Link |
| USGS SITE ID | 455350119292802 | | U.S. Geological Survey Siteid | Report |

 - [View Hydrograph](#)

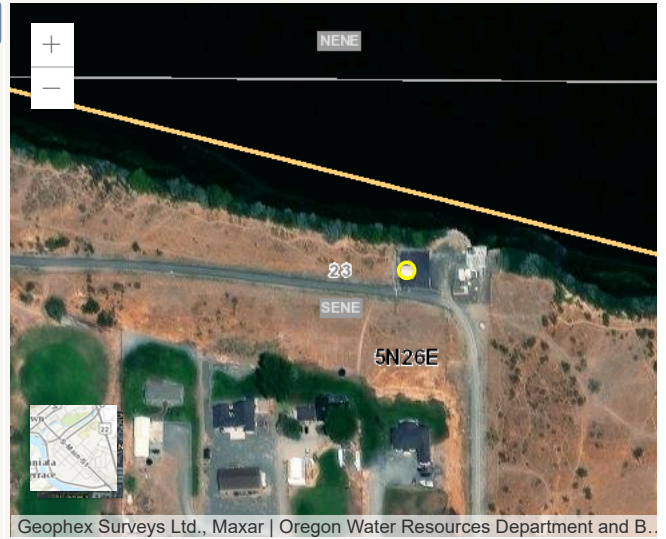


Site Identification (Click to Collapse...)

GW LogID: MORR 51529 [Well Log Database](#)
GW Well Tag Number: 86396
Tag Verified on Well: No
Site Type: WELL #3
Primary Use:
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: Karl Wozniak
Established Date: 05/07/2009
Bonded Company: LARRY BURD WELL DRILLING
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 45.90288933 **Horiz. Error:** 250.00 ft.
Longitude: -119.51771614 **Datum:** WGS1984
Lat/Long Source: WR UNKNOWN SOURCE
Location
TRSQQ: WM 5.00N26.00E23SENE
Tax Map:
Taxlot:
24 Quad: PATERSON
Basin: 7 - Umatilla
County: Morrow
WM District: 5
WM Region: NC
LSD Elev: 278.10 **Accy:** 10.00 **Datum:** NAVD1988
Elev Source: LIDAR
[Groundwater Mapping Tool](#)



Geophex Surveys Ltd., Maxar | Oregon Water Resources Department and B.

Water Rights (Click to Collapse...)

| Water Right PODs | | | | | | | | | | | | | |
|--|----------------------|-------------|---------|-------|-----------|-------|--------------|---------------|---------------|--------------|----------|--------------|---------------------|
| POD | WRIS Details | Application | Permit | Cert | Transfers | Claim | supplemental | priority_date | Season of Use | max_rate_cfs | rate_cfs | rate_cfs_est | TRSQQ |
| POD 1 - A WELL > COLUMBIA RIVER | WRIS | G 16445 | G 16297 | | | | | 4/22/2005 | 1/1 ~ 12/31 | 6.700 | 3.350 | ● | WMS.00N26.00E23SENE |
| POD 2 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 7703 | G 7241 | 93325 | T 10470 | | | 2/8/1977 | 1/1 ~ 12/31 | 0.890 | 0.297 | ● | WMS.00N26.00E23SENE |
| POD 2 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 8439 | G 7563 | 93326 | T 10470 | | | 9/9/1977 | 1/1 ~ 12/31 | 1.330 | 0.443 | ● | WMS.00N26.00E23SENE |

Well Construction History (Click to Collapse...)

| Well Construction History | | | | | | | | | | | | |
|---------------------------|---------------------|-----------|-----------|----------|-----------------|-------------|-----------------|------------------|-----------------|-----------|-----------------|---------------|
| Well Log id | Well Log | Work Type | Startcard | Well Tag | Owner Name | First Water | Max Case. Diam. | Max Case. Depth. | Max Seal Depth. | Max Depth | Completed Depth | Complete Date |
| MORR 51529 | Log | NEW | 1002099 | 86396 | CITY OF IRRIGON | 15.00 | 14 | 85.00 | 40.00 | 88.00 | 88.00 | 10/29/2007 |

| Well Log | Aquifer | Aq at Max Depth | System Aquifer | Regional USGS Aquifer | Local USGS Aquifer |
|------------|--------------------------------------|--------------------------------------|--|-----------------------|--------------------|
| MORR 51529 | Quaternary-Late Tertiary sediment Aq | Quaternary-Late Tertiary sediment Aq | Quaternary-Late Tertiary Sediment Aquifers | | |

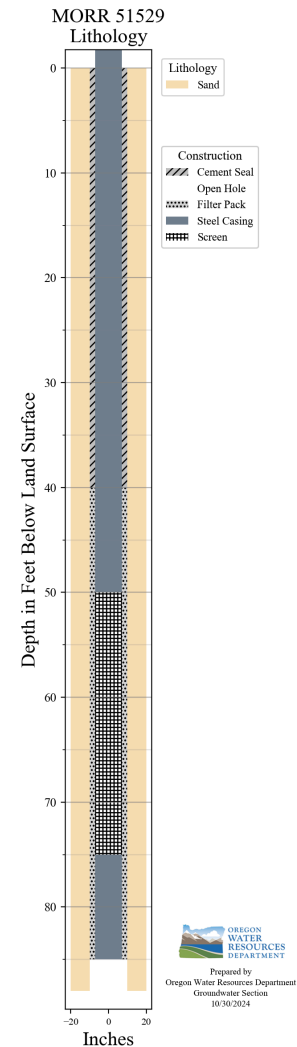
| Well Test | | | | | |
|------------|-----------|------------|----------|---------------|---------------------------------------|
| Well Log | Test Type | Yield(gpm) | Drawdown | Duration (hr) | Calculated Specific Capacity (gpm/ft) |
| MORR 51529 | Pump | 1000.0 | 29.5 | 4.0 | 33.90 |

Lithology (Click to Collapse...)

| Lithology | |
|-----------|--|
| | |

[Download Diagram](#)

| Start Depth | End Depth | Prim. Lithology | Lithology Desc. | Water Bearing Zone | Water Bearing Zone WL |
|-------------|-----------|-----------------|------------------|--------------------|-----------------------|
| 0.00 | 5.00 | Sand | Sand & Fine Rock | | |
| 5.00 | 88.00 | Sand | Sand & Rock | | |



Well Construction

(Click to Collapse...)

Construction

| Feature Type | Start Depth | End Depth | Diameter | Material Type |
|---------------|-------------|-----------|----------|---------------|
| Seal | 0.00 | 40.00 | 20.000 | CEMENT |
| Casing | -2.00 | 50.00 | 14.000 | STEEL |
| Open Interval | 50.00 | 75.00 | 14.000 | SCREEN |
| Casing | 75.00 | 85.00 | 14.000 | STEEL |
| Filter Pack | 40.00 | 85.00 | 20.000 | SAND |
| Open Interval | 85.00 | 88.00 | 20.000 | OPEN HOLE |

Measured Water Level

(Click to Collapse...)

Records/Page:

Measured Water Level

| <u>Date</u> | <u>Time</u> | <u>Water Level (BLSD)</u> | <u>WL Elev (ft AMSL)</u> | <u>Organization</u> | <u>OWRD</u> | <u>Method</u> | <u>Status</u> | <u>MP Height</u> |
|-------------|-------------|---------------------------|--------------------------|---------------------|-------------|---------------|---------------|------------------|
| 10/29/2007 | | 9.50 | 268.60 | DRILLER | WELL LOG | REPORTED | UNKNOWN | |

Available Data

(Click to Collapse...)

Aquifer Test Completed:
Geophysical Log Completed:
Water Chemistry:
Flowing Well:
Saline:
Rock Geochemistry:
OWRD Recorder:
Other OWRD Recorder:

Other Documents/Images

(Click to Collapse...)

Image/Document Library

No data matches search criteria.



Site Identification (Click to Collapse...)

| |
|---|
| GW LogID: MORR 51543 Well Log Database |
| GW Well Tag Number: 90293 |
| Tag Verified on Well: No |
| Site Type: WELL #4 |
| Primary Use: |
| Unused Status: |
| Site Source Organization: |
| Site Source OWRD: |
| Established By: Karl Wozniak |
| Established Date: 05/07/2009 |
| Bonded Company: LARRY BURD WELL DRILLING |
| Stage: COMPLETE |

Location (Click to Collapse...)

| | |
|---|---------------------------------|
| Latitude/Longitude | |
| Latitude: 45.90336764 | Horiz. Error: 250.00 ft. |
| Longitude: -119.52336662 | Datum: WGS1984 |
| Lat/Long Source: WR UNKNOWN SOURCE | |
| Location | |
| TRSQQ: WM 5.00N26.00E23SWNE | |
| Tax Map: | |
| Taxlot: | |
| 24 Quad: PATERSON | |
| Basin: 7 - Umatilla | |
| County: Morrow | |
| WM District: 5 | |
| WM Region: NC | |
| LSD Elev: 297.60 Accy: 12.00 Datum: NAVD1988 | |
| Elev Source: LIDAR | |
| Groundwater Mapping Tool | |



Water Rights (Click to Collapse...)

| Water Right PODs | | | | | | | | | | | | | |
|--|----------------------|-------------|---------|-------|-----------|-------|--------------|---------------|---------------|--------------|----------|--------------|---------------------|
| POD | WRIS Details | Application | Permit | Cert | Transfers | Claim | supplemental | priority_date | Season of Use | max_rate_cfs | rate_cfs | rate_cfs_est | TRSQQ |
| POD 2 - A WELL > COLUMBIA RIVER | WRIS | G 16445 | G 16297 | | | | | 4/22/2005 | 1/1 ~ 12/31 | 6.700 | 3.350 | ● | WM5.00N26.00E23SWNE |
| POD 3 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 7703 | G 7241 | 93325 | T 10470 | | | 2/8/1977 | 1/1 ~ 12/31 | 0.890 | 0.297 | ● | WM5.00N26.00E23SWNE |
| POD 3 - A WELL > COLUMBIA RIVER BASIN | WRIS | G 8439 | G 7563 | 93326 | T 10470 | | | 9/9/1977 | 1/1 ~ 12/31 | 1.330 | 0.443 | ● | WM5.00N26.00E23SWNE |

Well Construction History (Click to Collapse...)

| Well Construction History | | | | | | | | | | | | |
|---------------------------|---------------------|-----------|-----------|----------|-----------------|-------------|-----------------|------------------|-----------------|-----------|-----------------|---------------|
| Well Log id | Well Log | Work Type | Startcard | Well Tag | Owner Name | First Water | Max Case. Diam. | Max Case. Depth. | Max Seal Depth. | Max Depth | Completed Depth | Complete Date |
| MORR 51543 | Log | NEW | 1002102 | 90293 | CITY OF IRRIGON | 65.00 | 14 | 95.00 | 50.00 | 97.00 | 97.00 | 12/14/2007 |

| Well Log | Aquifer | Aq at Max Depth | System Aquifer | Regional USGS Aquifer | Local USGS Aquifer |
|------------|--------------------------------------|--------------------------------------|--|-----------------------|--------------------|
| MORR 51543 | Quaternary-Late Tertiary sediment Aq | Quaternary-Late Tertiary sediment Aq | Quaternary-Late Tertiary Sediment Aquifers | | |

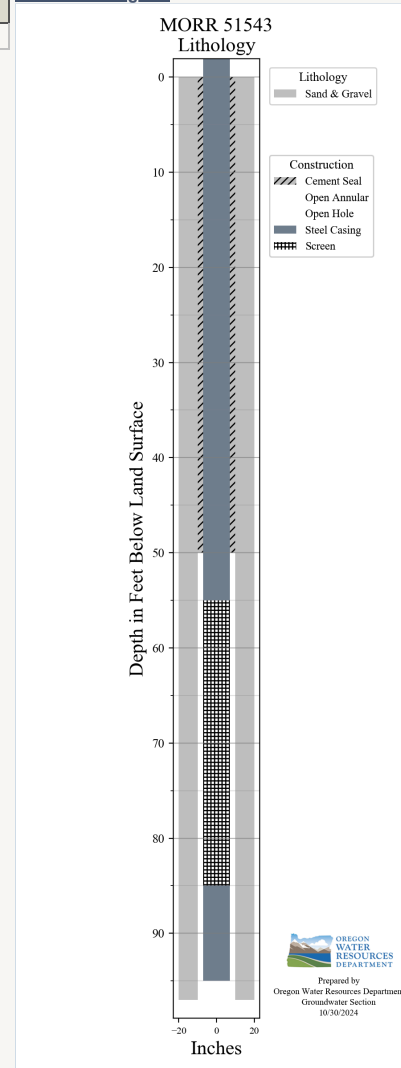
| Well Test | | | | | |
|------------|-----------|------------|----------|---------------|---------------------------------------|
| Well Log | Test Type | Yield(gpm) | Drawdown | Duration (hr) | Calculated Specific Capacity (gpm/ft) |
| MORR 51543 | Pump | 1250.0 | 16.0 | 30.0 | 78.13 |

Lithology (Click to Collapse...)

| Lithology |
|-----------|
| |

| Start Depth | End Depth | Prim. Lithology | Lithology_Desc. | Water Bearing Zone | Water Bearing Zone WL |
|-------------|-----------|-----------------|----------------------|--------------------|-----------------------|
| 0.00 | 97.00 | Sand & Gravel | Sand & Gravel & Rock | | |

[Download Diagram](#)



Well Construction

(Click to Collapse...)

Construction

| Feature Type | Start Depth | End Depth | Diameter | Material Type |
|---------------|-------------|-----------|----------|--------------------|
| Seal | 0.00 | 50.00 | 20.000 | CEMENT |
| Casing | -2.00 | 55.00 | 14.000 | STEEL |
| Open Interval | 55.00 | 85.00 | 14.000 | SCREEN |
| Casing | 85.00 | 95.00 | 14.000 | STEEL |
| Open Interval | 50.00 | 95.00 | 20.000 | OPEN ANNULAR SPACE |
| Open Interval | 95.00 | 97.00 | 20.000 | OPEN HOLE |

Measured Water Level

(Click to Collapse...)

Records/Page:

Measured Water Level

| <u>Date</u> | <u>Time</u> | <u>Water Level (BLSD)</u> | <u>WL Elev (ft AMSL)</u> | <u>Organization</u> | <u>OWRD</u> | <u>Method</u> | <u>Status</u> | <u>MP Height</u> |
|-------------|-------------|---------------------------|--------------------------|---------------------|-------------|---------------|---------------|------------------|
| 12/14/2007 | | 31.00 | 266.60 | DRILLER | WELL LOG | REPORTED | UNKNOWN | |

Available Data

(Click to Collapse...)

Aquifer Test Completed:
Geophysical Log Completed:
Water Chemistry:
Flowing Well:
Saline:
Rock Geochemistry:
OWRD Recorder:
Other OWRD Recorder:

Other Documents/Images

(Click to Collapse...)

Image/Document Library

No data matches search criteria.

City of Irrigon Source Well Production Data

| Water Year | Report ID | Facility Name | October | November | December | January | February | March | April | May | June | July | August | September | Total Water Used (Ac-Ft) | Total Water Used (MG) | Annual Production All Wells (MG) |
|------------|-----------|---------------|---------|----------|----------|---------|----------|-------|-------|------|------|------|--------|-----------|--------------------------|-----------------------|----------------------------------|
| 2026 | 63436 | WELL 3 (| 13.4 | 10.3 | | | | | | | | | | | | | |
| 2026 | 63437 | WELL 4 (| 15.4 | 10.7 | | | | | | | | | | 26.2 | | | |
| 2025 | 63436 | WELL 3 (| 27.9 | 16.6 | 7.6 | 8.3 | 6.3 | 8.8 | 13.0 | 27.5 | 33.8 | 36.1 | 35.3 | 24.3 | 245.4 | 80.0 | 160.5 |
| 2025 | 63437 | WELL 4 (| 10.8 | 1.9 | 8.9 | 9.4 | 7.3 | 10.1 | 13.1 | 33.3 | 40.9 | 45.3 | 39.3 | 26.8 | 247.3 | 80.6 | |
| 2024 | 63436 | WELL 3 (| 15.3 | 9.3 | 7.8 | 9.6 | 7.9 | 5.6 | 22.4 | 37.3 | 33.2 | 40.3 | 38.4 | 35.6 | 262.7 | 85.6 | 162.1 |
| 2024 | 63437 | WELL 4 (| 19.2 | 9.3 | 7.8 | 9.7 | 8.1 | 13.2 | 22.1 | 16.1 | 33.9 | 37.1 | 37.2 | 21.4 | 234.9 | 76.5 | |
| 2023 | 63436 | WELL 3 (| 31.3 | 13.3 | 10.9 | 10.2 | 10.2 | 9.8 | 19.9 | 28.2 | 35.7 | 38.4 | 35.2 | 23.9 | 267.1 | 87.0 | 167.2 |
| 2023 | 63437 | WELL 4 (| 16.7 | 4.5 | 10.8 | 10.1 | 10.1 | 9.7 | 20.2 | 29.2 | 35.3 | 37.5 | 35.8 | 26.1 | 246.0 | 80.2 | |
| 2022 | 63436 | WELL 3 (| 16.2 | 10.3 | 10.0 | 11.2 | 8.6 | 10.9 | 20.2 | 24.8 | 28.9 | 44.2 | 44.7 | 25.3 | 255.4 | 83.2 | 153.5 |
| 2022 | 63437 | WELL 4 (| 12.9 | 7.8 | 7.1 | 7.2 | 6.5 | 8.4 | 14.5 | 20.2 | 23.5 | 35.3 | 40.7 | 31.7 | 215.7 | 70.3 | |
| 2021 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 166.6 |
| 2021 | 63436 | WELL 3 (| 28.8 | 9.9 | 5.1 | 9.1 | 7.7 | 13.9 | 29.4 | 32.6 | 38.1 | 43.9 | 38.5 | 29.8 | 286.8 | 93.4 | |
| 2021 | 63437 | WELL 4 (| 7.2 | 7.6 | 11.0 | 6.9 | 5.7 | 10.8 | 23.8 | 26.7 | 33.0 | 36.2 | 31.3 | 24.1 | 224.4 | 73.1 | |
| 2020 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 152.7 |
| 2020 | 63436 | WELL 3 (| 15.0 | 6.1 | 6.4 | 6.3 | 5.8 | 12.1 | 22.5 | 35.3 | 20.5 | 49.3 | 42.8 | 50.1 | 272.2 | 88.7 | |
| 2020 | 63437 | WELL 4 (| 16.7 | 7.0 | 7.7 | 7.3 | 6.9 | 14.4 | 21.0 | 16.9 | 43.1 | 27.4 | 28.3 | 0.0 | 196.6 | 64.1 | |
| 2019 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 142.6 |
| 2019 | 63436 | WELL 3 (| 13.7 | 6.8 | 7.2 | 9.4 | 13.2 | 13.4 | 1.6 | 18.3 | 28.9 | 29.7 | 30.6 | 23.0 | 195.8 | 63.8 | |
| 2019 | 63437 | WELL 4 (| 14.9 | 7.3 | 7.7 | 5.3 | 0.0 | 5.0 | 28.9 | 33.8 | 36.0 | 37.3 | 37.3 | 28.2 | 241.8 | 78.8 | |
| 2018 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 153.4 |
| 2018 | 63436 | WELL 3 (| 16.5 | 6.3 | 8.8 | 7.1 | 6.2 | 8.6 | 17.9 | 23.0 | 24.4 | 34.7 | 31.2 | 24.7 | 209.5 | 68.3 | |
| 2018 | 63437 | WELL 4 (| 22.6 | 8.5 | 11.9 | 11.0 | 8.4 | 11.7 | 17.2 | 31.9 | 33.7 | 41.3 | 35.6 | 27.3 | 261.2 | 85.1 | |
| 2017 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 140.6 |
| 2017 | 63436 | WELL 3 (| 17.6 | 15.4 | 13.4 | 19.3 | 9.7 | 8.4 | 2.5 | 22.0 | 24.3 | 29.9 | 28.1 | 23.1 | 213.7 | 69.6 | |
| 2017 | 63437 | WELL 4 (| 10.2 | 0.0 | 0.0 | 0.0 | 8.3 | 6.7 | 19.1 | 28.3 | 33.9 | 44.2 | 39.2 | 27.9 | 217.7 | 70.9 | |
| 2016 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 148.3 |
| 2016 | 63436 | WELL 3 (| 0.0 | 13.8 | 13.8 | 15.4 | 10.5 | 16.6 | 7.3 | 0.5 | 0.0 | 7.1 | 22.5 | 18.8 | 126.3 | 41.2 | |
| 2016 | 63437 | WELL 4 (| 36.2 | 2.1 | 0.0 | 0.0 | 1.9 | 0.0 | 39.7 | 51.6 | 66.1 | 62.9 | 41.7 | 26.8 | 329.0 | 107.2 | |
| 2015 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 160.4 |
| 2015 | 63436 | WELL 3 (| 0.0 | 14.4 | 15.0 | 16.8 | 12.7 | 22.4 | 37.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.8 | 119.7 | 39.0 | |
| 2015 | 63437 | WELL 4 (| 39.2 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 53.9 | 71.8 | 83.3 | 66.7 | 52.9 | 372.5 | 121.4 | |
| 2014 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 158.4 |
| 2014 | 63436 | WELL 3 (| 0.3 | 8.5 | 10.5 | 17.1 | 13.7 | 19.1 | 10.4 | 18.2 | 0.0 | 1.2 | 0.0 | 0.0 | 99.0 | 32.3 | |
| 2014 | 63437 | WELL 4 (| 32.8 | 6.6 | 5.6 | 0.0 | 0.0 | 0.0 | 22.0 | 41.1 | 65.7 | 79.8 | 74.7 | 58.8 | 387.1 | 126.1 | |
| 2013 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 163.9 |
| 2013 | 63436 | WELL 3 (| 25.7 | 15.1 | 21.3 | 16.4 | 14.8 | 26.2 | 44.9 | 2.6 | 1.1 | 0.0 | 0.0 | 2.1 | 170.2 | 55.5 | |
| 2013 | 63437 | WELL 4 (| 4.6 | 0.1 | 2.1 | 0.0 | 0.0 | 0.5 | 0.3 | 65.4 | 63.1 | 80.9 | 70.4 | 45.6 | 332.9 | 108.5 | |
| 2012 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 158.9 |
| 2012 | 63436 | WELL 3 (| 0.4 | 9.2 | 17.6 | 14.4 | 9.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 51.4 | 16.7 | |
| 2012 | 63437 | WELL 4 (| 31.3 | 6.7 | 0.0 | 0.1 | 6.0 | 19.5 | 38.2 | 61.4 | 60.8 | 78.2 | 78.5 | 55.5 | 436.3 | 142.2 | |
| 2011 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 157.1 |
| 2011 | 63436 | WELL 3 (| 6.1 | 8.5 | 17.0 | 19.3 | 15.5 | 22.5 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90.7 | 29.6 | |
| 2011 | 63437 | WELL 4 (| 23.4 | 9.3 | 0.5 | 0.0 | 0.2 | 0.0 | 31.6 | 47.3 | 63.2 | 79.4 | 76.6 | 60.0 | 391.6 | 127.6 | |
| 2010 | 11593 | WELL 2 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 155.4 |
| 2010 | 63436 | WELL 3 (| 0.0 | 11.2 | 16.8 | 4.9 | 1.5 | 11.2 | 23.1 | 27.9 | 34.5 | 47.3 | 25.1 | 14.6 | 218.1 | 71.1 | |
| 2010 | 63437 | WELL 4 (| 29.3 | 7.2 | 3.7 | 12.5 | 15.1 | 10.5 | 18.0 | 22.4 | 21.9 | 30.6 | 54.9 | 32.8 | 258.8 | 84.3 | |
| 2009 | 11593 | WELL 2 (| 6.0 | 6.6 | 4.2 | 2.8 | 5.1 | 4.6 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.2 | 11.8 | 171.4 |
| 2009 | 63436 | WELL 3 (| 3.2 | 0.8 | 10.9 | 9.0 | 8.1 | 14.9 | 9.3 | 1.9 | 0.9 | 0.0 | 7.3 | 17.7 | 84.0 | 27.4 | |

City of Irrigon Source Well Production Data

| Water Year | Report ID | Facility Name | October | November | December | January | February | March | April | May | June | July | August | September | Total Water Used (Ac-Ft) | Total Water Used (MG) | Annual Production All Wells (MG) |
|------------|-----------|---------------|---------|----------|----------|---------|----------|-------|-------|------|------|------|--------|-----------|--------------------------|-----------------------|----------------------------------|
| 2009 | 63437 | WELL 4 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.6 | 68.0 | 88.0 | 72.8 | 83.3 | 52.9 | 405.6 | 132.2 | |
| 2009 | 11595 | WELL 1 (| 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.1 | |
| 2008 | 11593 | WELL 2 (| 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 0.6 | 0.8 | 0.6 | 0.4 | 4.2 | 1.4 | 1.5 |
| 2008 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.1 | |
| 2007 | 11593 | WELL 2 (| 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 0.8 | 0.7 | 0.5 | 4.2 | 1.4 | 1.4 |
| 2007 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | |
| 2006 | 11593 | WELL 2 (| 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.7 | 0.1 | 0.8 | 0.5 | 3.6 | 1.2 | 1.4 |
| 2006 | 11595 | WELL 1 (| 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.7 | 0.2 | |
| 2005 | 11593 | WELL 2 (| 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.4 | 0.6 | 0.9 | 0.8 | 1.0 | 0.4 | 5.1 | 1.7 | 1.9 |
| 2005 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.6 | 0.2 | |
| 2004 | 11593 | WELL 2 (| 0.4 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.6 | 0.8 | 0.9 | 0.7 | 0.6 | 5.1 | 1.7 | 3.3 |
| 2004 | 11595 | WELL 1 (| 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.7 | 0.8 | 0.8 | 0.6 | 0.5 | 4.9 | 1.6 | |
| 2003 | 11593 | WELL 2 (| 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.5 | 0.8 | 0.9 | 0.9 | 0.6 | 5.2 | 1.7 | 1.9 |
| 2003 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.7 | 0.2 | |
| 2002 | 11593 | WELL 2 (| 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.4 | 0.6 | 0.7 | 0.7 | 0.4 | 4.3 | 1.4 | 1.6 |
| 2002 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.6 | 0.2 | |
| 2001 | 11593 | WELL 2 (| 17.7 | 15.9 | 12.7 | 14.4 | 13.0 | 15.9 | 30.9 | 51.8 | 52.3 | 68.7 | 62.5 | 54.2 | 409.9 | 133.6 | 153.6 |
| 2001 | 11595 | WELL 1 (| 2.8 | 2.5 | 2.0 | 2.3 | 2.1 | 2.5 | 4.9 | 8.0 | 7.9 | 10.0 | 8.8 | 7.9 | 61.6 | 20.1 | |
| 2000 | 11593 | WELL 2 (| 26.3 | 14.7 | 12.3 | 12.3 | 11.3 | 25.6 | 29.9 | 46.5 | 65.5 | 81.0 | 53.3 | 40.2 | 418.9 | 136.5 | 157.1 |
| 2000 | 11595 | WELL 1 (| 4.0 | 2.3 | 1.9 | 2.0 | 1.8 | 4.1 | 4.7 | 7.2 | 9.9 | 11.6 | 7.7 | 6.1 | 63.3 | 20.6 | |
| 1999 | 11593 | WELL 2 (| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 0.7 | 0.7 | 0.7 | 0.6 | 4.2 | 1.4 | 2.8 |
| 1999 | 11595 | WELL 1 (| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.7 | 0.7 | 0.7 | 0.7 | 4.3 | 1.4 | |
| 1998 | 11593 | WELL 2 (| 50.8 | 23.7 | 14.0 | 14.3 | 12.1 | 14.4 | 17.1 | 40.5 | 40.6 | 61.6 | 81.6 | 75.3 | 446.1 | 145.4 | 162.4 |
| 1998 | 11595 | WELL 1 (| 5.8 | 2.9 | 1.6 | 1.6 | 1.4 | 1.6 | 1.9 | 4.6 | 5.0 | 7.2 | 9.8 | 9.1 | 52.3 | 17.0 | |
| 1997 | 11593 | WELL 2 (| 30.5 | 10.4 | 10.0 | 9.9 | 12.5 | 14.0 | 29.9 | 51.9 | 49.9 | 64.3 | 67.3 | 43.7 | 394.3 | 128.5 | 148.1 |
| 1997 | 11595 | WELL 1 (| 4.6 | 1.7 | 1.7 | 1.6 | 2.0 | 2.3 | 4.8 | 7.7 | 7.6 | 9.6 | 10.0 | 6.8 | 60.2 | 19.6 | |
| 1996 | 11593 | WELL 2 (| 41.3 | 19.1 | 8.9 | 7.9 | 11.1 | 9.2 | 11.9 | 27.1 | 44.6 | 48.6 | 19.2 | 104.1 | 352.9 | 115.0 | 132.9 |
| 1996 | 11595 | WELL 1 (| 6.4 | 3.0 | 1.4 | 1.3 | 1.8 | 1.5 | 1.9 | 4.3 | 7.0 | 7.5 | 2.7 | 16.0 | 55.0 | 17.9 | |
| 1995 | 11593 | WELL 2 (| 20.9 | 12.9 | 7.4 | 10.5 | 8.3 | 10.3 | 19.2 | 27.9 | 41.7 | 55.2 | 51.5 | 34.4 | 300.2 | 97.8 | 114.7 |
| 1995 | 11595 | WELL 1 (| 2.2 | 1.4 | 1.2 | 1.1 | 2.0 | 7.2 | 3.1 | 3.6 | 7.5 | 9.1 | 7.9 | 5.5 | 51.9 | 16.9 | |
| 1994 | 11593 | WELL 2 (| 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.4 | 0.6 | 0.4 | 0.3 | 2.9 | 0.9 | 2.1 |
| 1994 | 11595 | WELL 1 (| 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 0.7 | 0.4 | 0.4 | 3.4 | 1.1 | |
| 1993 | 11593 | WELL 2 (| 19.7 | 11.0 | 10.4 | 10.2 | 9.1 | 12.5 | 17.6 | 34.7 | 40.6 | 42.6 | 51.2 | 37.5 | 297.2 | 96.8 | 96.8 |
| 1992 | 11593 | WELL 2 (| 19.0 | 8.3 | 8.6 | 9.3 | 7.6 | 14.4 | 19.8 | 33.4 | 40.6 | 50.8 | 45.2 | 25.1 | 282.2 | 91.9 | |
| 1992 | 11595 | WELL 1 (| 0.5 | 1.3 | 1.4 | 1.5 | 1.2 | 2.3 | 3.2 | 5.3 | 3.9 | 6.8 | 6.6 | 3.9 | 38.1 | 12.4 | 104.4 |
| 1991 | 11593 | WELL 2 (| 25.2 | 11.2 | 11.9 | 8.8 | 10.7 | 9.7 | 24.4 | 27.9 | 42.9 | 55.0 | 46.0 | 32.5 | 306.2 | 99.8 | |
| 1991 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.2 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 | 10.2 | 0.2 | 18.9 | 6.1 | 105.9 |
| 1990 | 11593 | WELL 2 (| 12.0 | 11.8 | 11.7 | 12.0 | 11.9 | 11.9 | 13.9 | 25.9 | 32.9 | 54.0 | 32.4 | 32.5 | 262.9 | 85.7 | |
| 1990 | 11595 | WELL 1 (| 0.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.0 | 0.1 | 0.2 | 1.4 | 0.1 | 0.1 | 3.0 | 1.0 | 86.6 |
| 1989 | 11593 | WELL 2 (| 20.5 | 8.4 | 13.5 | 8.5 | 11.8 | 9.0 | 26.5 | 32.0 | 45.1 | 50.8 | 49.3 | 31.2 | 306.6 | 99.9 | |
| 1989 | 11595 | WELL 1 (| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.1 | 100.0 |