

T-10489

PERMIT
AMENDMENT

Name Portland Water Bureau

Address 1120 SW 5th Rm 500
Portland, OR 97204-1926
503 823-7524

Change in APOA

Date Filed 11-23-2007

Initial notice date _____

DPD issued date _____

PD issued date _____

PD notice date _____

Date of FO 12-7-09 Vol 79 Page 315

Correcting U. 80 p. 269

C-Date _____

COBU due date _____

COBU Received date _____

Certificate issued _____

DESCRIPTION OF WATER RIGHT(S)

Name of Stream Wells

Trib. of _____

Use mu County Multnomah

Quantity of water (CFS) _____ No. of Acres _____

Name of ditch _____

App # 6 7578 Per # 6 8755 Cert # _____ PR Date 1976

App # _____ Per # _____ Cert # _____ PR Date _____

App # _____ Per # _____ Cert # _____ PR Date _____

App # _____ Per # _____ Cert # _____ PR Date _____

App # _____ Per # _____ Cert # _____ PR Date _____

FEES PAID		
Date	Amount	Receipt #
<u>11/23/07</u>	<u>400.00</u>	<u>90709</u>

FEES REFUNDED		
Date	Amount	Receipt#

Assignments: _____

Irrigation District n/a

Agent Thom Warren Same as above Fax 503 823-4500

CWRE _____

CC's list _____



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

February 16, 2010

Portland Water Bureau
Attn: Thom Warren
1120 SW 5th Room 500
Portland, OR 97204

RE: Correcting Order

Enclosed is a new correcting final order. Please read the order carefully.

If you have any questions regarding this certificate please contact the transfer section at 503-986-0883.

Sincerely,

Sarah Henderson
Executive Support

enclosure

cc: Watermaster #20
File (T-10489)



6. The order incorrectly listed the measured distances of the proposed well L-67558 from the E $\frac{1}{4}$ Corner of Section 23. The order said:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	23	SW NW	WELL L-67558 - 730 FEET NORTH AND 920 FEET EAST FROM THE E $\frac{1}{4}$ CORNER OF SECTION 23

7. The correct measured distances are:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	23	SW NW	WELL L-67558 - 730 FEET NORTH AND 920 FEET EAST FROM THE W $\frac{1}{4}$ CORNER OF SECTION 23

Now, therefore, it is **ORDERED**:

- The order approving T-10489 as recorded Special Order Volume 79, Pages 315 to 339 is corrected to describe the correct measured distances for authorized well, West Well Field Well 2, and the proposed additional point of appropriation.
- All other provisions of Special Order Volume 79, Pages 315 to 339 remain in effect.

Dated at Salem, Oregon this 11th day of February, 2010.

William E. Forbes

for Phillip C. Ward
Director

Mailing date: FEB 17 2010

6. The amount of water which the applicant intends to apply to beneficial use is ... 390 ... cubic feet per second or ... 175,000 ... gallons per minute. Refer to enclosure with letter from the City of Portland dated Dec. 28, 1979 for breakdown of this amount from each well.

7. The use to which the water is to be applied is ... to provide an emergency and supplemental water supply for the Portland municipal water system.

8. 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. Some wells will be capable of low pressure artesian flow (less than 10 psi) during periods of high water levels in the Columbia River. Any such flows will be restrained by valves.

9. If the location of the well, or other development work is less than one-fourth mile from a natural stream channel, give the distance to the channel and the difference in elevation between the stream bed and the ground surface at the source of development. Minimum difference in elevation between proposed facilities and stream bed of Columbia River (lies adjacent to the well field) or Columbia Sloughs (lies within boundary of well field) is 20 feet.

10.

DESCRIPTION OF WORKS

Include length and dimensions of supply ditch or pipeline, size and type of pump and motor, type of irrigation system to adequately describe the proposed distribution system. The construction project will consist initially of installation of ~~approximately~~ 30 wells with a 100 mgd combined nominal capacity and a 250 mgd combined maximum capacity. The wells will be located along the Columbia River at distances south of the river embankment varying from several hundred feet to one mile. These wells will be pumped through a network of collector pipelines to a three million gallon reservoir to be constructed near N.E. 158th Ave. and the future N.E. Inverness Drive. These collector pipelines will vary in diameter from 8 to 54 inches and have a total length of about 9 miles. From this reservoir a pump station will be constructed to pump the water through a new transmission main in NE and SE 162nd Ave. to a 50-million gallon reservoir now under construction on Powell Butte. This transmission main will vary in diameter from 60 to 90 inches and have a total length of about 5 miles. The well pumps will be 1,000 to 5,000 gpm vertical turbine with 100 to 350 hp 3-phase motors. The transmission line pumps will be 500 to 1,000 gpm vertical turbine pumps with 500 to 1,000 hp 3-phase motors.

These proposed facilities will be constructed in 2 phases, each with a nominal capacity of 50 mgd. Phase I is scheduled for completion by June 30, 1984, and the water can be put to beneficial use at that time. Phase II is scheduled for completion by October 1, 1987.

11. Construction work will begin on or before ... August, 1979

12. Construction work will be completed on or before ... October 1, 1987

13. The water will be completely applied to the proposed use on or before ... October 1, 1987

14. If the ground water supply is supplemental to an existing supply, identify the supply and existing water right. City of Portland has water rights to full flow of the Bull Run River by water rights on file in the Clackamas County Courthouse in Oregon City.

Application No. G-7578

Permit No. G 8755

4-2-80 17, 1980

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1S	1E	32	N $\frac{1}{2}$ -
1S	1E	32	SE $\frac{1}{4}$ -
1S	1E	33	All -
1S	1E	34	All -
1S	1E	35	W $\frac{1}{2}$ -
1S	1E	35	W $\frac{1}{2}$ NE $\frac{1}{4}$ -
1S	1E	35	W $\frac{1}{2}$ SE $\frac{1}{4}$ -

Application No. G-7578

Permit No. G 8755

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{2}$ of Section
2N	1E	19	SW $\frac{1}{2}$ SW $\frac{1}{2}$
2N	1E	29	S $\frac{1}{2}$ SW $\frac{1}{2}$
2N	1E	30	W $\frac{1}{2}$
2N	1E	30	SE $\frac{1}{2}$
2N	1E	30	SW $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1E	31	All
2N	1E	32	All
2N	1E	33	SW $\frac{1}{2}$
2N	1E	33	S $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1E	34	SW $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1E	6	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	6	W $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1E	7	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	7	NW $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1E	19	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	19	SE $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	19	SW $\frac{1}{2}$
2S	1E	19	W $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	1	E $\frac{1}{2}$
2S	1W	12	E $\frac{1}{2}$ NW $\frac{1}{2}$ (See page 10)
2S	1W	12	NE $\frac{1}{2}$ SE $\frac{1}{2}$
1S	1W	1	All
1S	1W	2	All
1S	1W	3	All
1S	1W	4	All
1S	1W	5	All
1S	1W	6	All
1S	1W	7	All
1S	1W	8	All
1S	1W	9	All
1S	1W	10	All
1S	1W	11	All
1S	1W	12	All
1S	1W	13	All
1S	1W	14	All
1S	1W	15	All
1S	1W	16	All
1S	1W	17	N $\frac{1}{2}$
1S	1W	17	SE $\frac{1}{2}$
1S	1W	17	N $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	17	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	18	All
1S	1W	19	N $\frac{1}{2}$
1S	1W	19	SW $\frac{1}{2}$
1S	1W	19	N $\frac{1}{2}$ SE $\frac{1}{2}$
1S	1W	19	SW $\frac{1}{2}$ SE $\frac{1}{2}$

Application No. G-7578

Permit No. G 8755

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1S	3E	21	NW $\frac{1}{4}$
1S	3E	21	NE $\frac{1}{4}$
1S	3E	21	N $\frac{1}{2}$ SE $\frac{1}{4}$
1S	3E	21	SE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	21	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	21	NE $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	22	NW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	22	NW $\frac{1}{4}$
1S	3E	22	SW $\frac{1}{4}$
1N	3E	19	All
1N	3E	20	W $\frac{1}{2}$
1N	3E	28	SW $\frac{1}{4}$
1N	3E	29	All
1N	3E	30	All
1N	3E	31	All
1N	3E	32	All
1N	3E	33	S $\frac{1}{2}$
1N	3E	33	NW $\frac{1}{4}$
1N	3E	33	S $\frac{1}{2}$ NE $\frac{1}{4}$
1N	3E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	3E	34	W $\frac{1}{2}$ SW $\frac{1}{4}$
1N	3E	34	SE $\frac{1}{4}$ SW $\frac{1}{4}$
1N	3E	34	S $\frac{1}{2}$ SE $\frac{1}{4}$
1N	3E	35	W $\frac{1}{2}$ SW $\frac{1}{4}$
1N	2E	4	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	2E	5	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	2E	5	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	2E	5	SE $\frac{1}{4}$ NW $\frac{1}{4}$
1N	2E	5	SW $\frac{1}{4}$
1N	2E	5	NW $\frac{1}{4}$ SE $\frac{1}{4}$
1N	2E	5	SW $\frac{1}{4}$ SE $\frac{1}{4}$
1N	2E	5	SE $\frac{1}{4}$ SE $\frac{1}{4}$
1N	2E	6	All
1N	2E	7	All
1N	2E	8	All
1N	2E	9	NW $\frac{1}{4}$
1N	2E	9	SW $\frac{1}{4}$
1N	2E	9	SE $\frac{1}{4}$
1N	2E	9	SW $\frac{1}{4}$ NE $\frac{1}{4}$
1N	2E	10	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	2E	10	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	2E	10	SE $\frac{1}{4}$ SW $\frac{1}{4}$
1N	2E	13	S $\frac{1}{2}$ SW $\frac{1}{4}$
1N	2E	13	S $\frac{1}{2}$ SE $\frac{1}{4}$
1N	2E	14	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	2E	14	SW $\frac{1}{4}$
1N	2E	14	SE $\frac{1}{4}$
1N	2E	15	W $\frac{1}{2}$
1N	2E	15	SE $\frac{1}{4}$

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{2}$ of Section
1N	2E	15	W $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2E	15	SE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2E	16	All
1N	2E	17	All
1N	2E	18	All
1N	2E	19	All
1N	2E	20	All
1N	2E	21	All
1N	2E	22	All
1N	2E	23	All
1N	2E	24	All
1N	2E	25	All
1N	2E	26	All
1N	2E	27	All
1N	2E	28	All
1N	2E	29	All
1N	2E	30	All
1N	2E	31	All
1N	2E	32	All
1N	2E	33	All
1N	2E	34	All
1N	2E	35	All
1N	2E	36	All
1S	2E	1	All
1S	2E	2	All
1S	2E	3	All
1S	2E	4	All
1S	2E	5	All
1S	2E	6	All
1S	2E	7	All
1S	2E	8	All
1S	2E	9	All
1S	2E	10	All
1S	2E	11	All
1S	2E	12	All
1S	2E	13	All
1S	2E	14	All
1S	2E	15	All
1S	2E	16	All
1S	2E	17	All
1S	2E	18	All
1S	2E	19	All
1S	2E	20	All
1S	2E	21	All
1S	2E	22	All
1S	2E	23	All
1S	2E	24	All

Application No. G-7528
 Permit No. G 8755

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{4}$ of Section
1S	2E	25	N $\frac{1}{2}$ NW $\frac{1}{4}$
1S	2E	25	E $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	25	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	2E	26	NW $\frac{1}{4}$
1S	2E	26	N $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	27	N $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	27	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	2E	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	2E	29	W $\frac{1}{2}$ NW $\frac{1}{4}$
1S	2E	29	W $\frac{1}{2}$ SW $\frac{1}{4}$
1S	2E	30	NE $\frac{1}{4}$
1S	2E	30	SE $\frac{1}{4}$
1N	1E	1	All
1N	1E	2	S $\frac{1}{2}$
1N	1E	2	S $\frac{1}{2}$ NW $\frac{1}{4}$
1N	1E	2	S $\frac{1}{2}$ NE $\frac{1}{4}$
1N	1E	3	All
1N	1E	4	All
1N	1E	5	All
1N	1E	6	All
1N	1E	7	All
1N	1E	8	All
1N	1E	9	All
1N	1E	10	All
1N	1E	11	All
1N	1E	12	All
1N	1E	13	All
1N	1E	14	All
1N	1E	15	All
1N	1E	16	All
1N	1E	17	All
1N	1E	18	All
1N	1E	19	All
1N	1E	20	All
1N	1E	21	All
1N	1E	22	All
1N	1E	23	All
1N	1E	24	All
1N	1E	25	All
1N	1E	26	All
1N	1E	27	All
1N	1E	28	All
1N	1E	29	All
1N	1E	30	S $\frac{1}{2}$
1N	1E	30	NE $\frac{1}{4}$
1N	1E	30	SW NW $\frac{1}{4}$
1N	1E	30	SE NW $\frac{1}{4}$
1N	1E	30	NE NW $\frac{1}{4}$



Application No. G-7578
 Permit No. G 8755

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1N	1E	31	W $\frac{1}{2}$
1N	1E	31	SE $\frac{1}{4}$
1N	1E	31	S $\frac{1}{2}$ NE $\frac{1}{4}$
1N	1E	32	E $\frac{1}{2}$
1N	1E	32	SW $\frac{1}{4}$
1N	1E	32	E $\frac{1}{2}$ NW $\frac{1}{4}$
1N	1E	32	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1E	33	All
1N	1E	34	All
1N	1E	35	All
1N	1E	36	All
1S	1E	1	All
1S	1E	2	All
1S	1E	3	All
1S	1E	4	All
1S	1E	5	All
1S	1E	6	All
1S	1E	7	All
1S	1E	8	All
1S	1E	9	All
1S	1E	10	All
1S	1E	11	All
1S	1E	12	All
1S	1E	13	All
1S	1E	14	All
1S	1E	15	All
1S	1E	16	All
1S	1E	17	All
1S	1E	18	All
1S	1E	19	All
1S	1E	20	All
1S	1E	21	All
1S	1E	22	All
1S	1E	23	All
1S	1E	24	All
1S	1E	25	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	1E	25	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	1E	26	NE $\frac{1}{4}$
1S	1E	26	NW $\frac{1}{4}$
1S	1E	26	W $\frac{1}{2}$ SW $\frac{1}{4}$
1S	1E	27	All
1S	1E	28	All
1S	1E	29	All
1S	1E	30	All
1S	1E	31	All

Application No. G-7578
 Permit No. G 8755

WELL LOCATIONS AND CAPACITIES

*W.M. County of Multnomah

WEST WELL FIELD

Well No.	Location				Water Source	Nominal Capacity (gpm)	Maximum Capacity (gpm)
1	T1N	R2E	Sec. 16	SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 27.8	TGA	5000	12,500
2	T1N	R2E	Sec. 16	NE $\frac{1}{4}$ of SE $\frac{1}{4}$ 27.8	TGA	5000	12,500
3	T1N	R2E	Sec. 15	NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 27.8	TGA	5000	12,500
4	T1N	R2E	Sec. 15	NE $\frac{1}{4}$ of SW $\frac{1}{4}$ 27.8	TGA	5000	12,500
5	T1N	R2E	Sec. 15	NW $\frac{1}{4}$ of SE $\frac{1}{4}$ 27.9	TGA	5000	12,500
6	T1N	R2E	Sec. 10	SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.5	TSA	1000	2,500
7	T1N	R2E	Sec. 15	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.6	TSA	1000	2,500
8	T1N	R2E	Sec. 16	SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.7	TSA	1000	2,500
9	T1N	R2E	Sec. 15	NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.8	TSA	1000	2,500
10	T1N	R2E	Sec. 15	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.9	TSA	1000	2,500
11	T1N	R2E	Sec. 10	SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 11.1	UCRS	1000	2,500
12	T1N	R2E	Sec. 15	NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 11.1	UCRS	1000	2,500
13	T1N	R2E	Sec. 15	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 11.1	UCRS	1000	2,500
14	T1N	R2E	Sec. 15	SW $\frac{1}{4}$ of NW $\frac{1}{4}$ 11.1	LCRS	2000	5,000

EAST WELL FIELD

1	T1N	R2E	Sec. 14	SE $\frac{1}{4}$ of SE $\frac{1}{4}$ 6.7	SRMA	3000	7,500
2	T1N	R2E	Sec. 13	SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 6.7	SRMA	3000	7,500
3	T1N	R2E	Sec. 24	SE $\frac{1}{4}$ of NW $\frac{1}{4}$ 8.4	TSA	1500	3,750
4	T1N	R2E	Sec. 24	NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 13.9	SRMA	2500	6,250
5	T1N	R2E	Sec. 24	NE $\frac{1}{4}$ of NE $\frac{1}{4}$ 13.9	SRMA	2500	6,250
6	T1N	R2E	Sec. 24	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 13.9	SRMA	2500	6,250
7	T1N	R3E	Sec. 19	NW $\frac{1}{4}$ of NW $\frac{1}{4}$ 5.6	TSA	1000	2,500
8	T1N	R3E	Sec. 19	SW $\frac{1}{4}$ of NW $\frac{1}{4}$ 5.6	TSA	1000	2,500
9	T1N	R3E	Sec. 19	NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 13.7	SRMA	2500	6,250
10	T1N	R3E	Sec. 19	SE $\frac{1}{4}$ of NW $\frac{1}{4}$ 13.7	SRMA	2500	6,250
11	T1N	R3E	Sec. 19	NW $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.5	TSA	1000	2,500
12	T1N	R3E	Sec. 20	SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 8.4	SRMA	1500	3,750
13	T1N	R3E	Sec. 20	NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 8.4	SRMA	1500	3,750
14	T1N	R3E	Sec. 20	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 11.1	SRMA	2000	5,000
15	T1N	R3E	Sec. 21	NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 17.5	BLA	3500	8,750
16	T1N	R3E	Sec. 21	SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 17.5	BLA	3500	8,750

Totals 30 -- 70,000 gpm 175,000 gpm

RECEIVED
DEC 28 1979

Application No. G-7578
Permit No. 0 0111

SUPPLEMENT NO. 2 (REVISED 1/17/80)

LIST OF AREAS BENEFITED BY GROUNDWATER

Note: For use, see Item No. 7

Township	Range	Section	List $\frac{1}{4}$ of Section
1S	3E	1	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	1	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	1	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	1	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	2	All
1S	3E	3	All
1S	3E	4	All
1S	3E	5	All
1S	3E	6	All
1S	3E	7	All
1S	3E	8	All
1S	3E	9	All
1S	3E	10	All
1S	3E	11	All
1S	3E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	12	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$
1S	3E	14	SW $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	14	SW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	15	All
1S	3E	16	All
1S	3E	17	All
1S	3E	18	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	18	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	18	NW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	18	SE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	19	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	19	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	19	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	20	NE $\frac{1}{4}$
1S	3E	20	NE $\frac{1}{4}$ SE $\frac{1}{4}$

Application No. G-7578
 Permit No. G 8755

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 JAN 17 1980
 WATER RESOURCES DEPT
 SALEM, OREGON

Township	Range	Section	List $\frac{1}{2}$ of Section
1S	1W	20	NE $\frac{1}{2}$
1S	1W	20	SE $\frac{1}{2}$
1S	1W	20	SW $\frac{1}{2}$
1S	1W	20	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	21	All
1S	1W	22	All
1S	1W	23	All
1S	1W	24	All
1S	1W	25	All
1S	1W	26	All
1S	1W	27	All
1S	1W	28	E $\frac{1}{2}$
1S	1W	28	E $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	28	E $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	29	SW $\frac{1}{2}$
1S	1W	29	SE $\frac{1}{2}$
1S	1W	29	N $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	29	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	30	All
1S	1W	33	NE $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	33	N $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	33	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	33	S $\frac{1}{2}$ SE $\frac{1}{2}$
1S	1W	34	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	34	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	34	NE $\frac{1}{2}$
1S	1W	34	SE $\frac{1}{2}$
1S	1W	34	E $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	34	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	35	All
1S	1W	36	All
1N	1W	1	All
1N	1W	2	All
1N	1W	3	All
1N	1W	4	S $\frac{1}{2}$
1N	1W	4	S $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	4	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	4	NW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	4	NE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	5	NE $\frac{1}{2}$
1N	1W	5	SE $\frac{1}{2}$
1N	1W	5	N $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	5	SE $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	6	E $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	9	E $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	10	E $\frac{1}{2}$
1N	1W	10	NW $\frac{1}{2}$
1N	1W	11	All
1N	1W	12	All
1N	1W	13	All
1N	1W	14	All

Township	Range	Section	List $\frac{1}{4}$ of Section
1N	1W	15	E $\frac{1}{4}$ NE $\frac{1}{4}$
1N	1W	15	E $\frac{1}{4}$ SE $\frac{1}{4}$
1N	1W	18	SE $\frac{1}{4}$
1N	1W	18	E $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1N	1W	19	E $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	19	W $\frac{1}{4}$ NE $\frac{1}{4}$
1N	1W	19	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1N	1W	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	19	SW $\frac{1}{4}$
1N	1W	19	SE $\frac{1}{4}$
1N	1W	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	20	SW $\frac{1}{4}$
1N	1W	20	W $\frac{1}{4}$ SE $\frac{1}{4}$
1N	1W	21	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	21	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	23	All
1N	1W	24	All
1N	1W	25	All
1N	1W	26	S $\frac{1}{4}$
1N	1W	26	NE $\frac{1}{4}$
1N	1W	26	W $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	26	SE $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	27	E $\frac{1}{4}$
1N	1W	27	E $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1W	27	E $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	28	NW $\frac{1}{4}$
1N	1W	28	SW $\frac{1}{4}$
1N	1W	28	W $\frac{1}{4}$ SE $\frac{1}{4}$
1N	1W	28	SE $\frac{1}{4}$ SE $\frac{1}{4}$
1N	1W	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$
1N	1W	29	All
1N	1W	30	E $\frac{1}{4}$
1N	1W	30	NW $\frac{1}{4}$
1N	1W	30	E $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	31	E $\frac{1}{4}$
1N	1W	31	NW $\frac{1}{4}$
1N	1W	31	E $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	31	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1N	1W	32	All
1N	1W	33	All
1N	1W	34	All
1N	1W	35	All
1N	1W	36	All
1N	2W	13	All
1N	2W	14	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1N	2W	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$

Application No. G-7528
 Permit No. G 8755

Township	Range	Section	List $\frac{1}{2}$ of Section
1N	2W	14	SE $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	14	SW $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	14	NW $\frac{1}{2}$ -
1N	2W	23	NW $\frac{1}{2}$ -
1N	2W	23	S $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	23	NE $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	23	N $\frac{1}{2}$ SE $\frac{1}{2}$ -
1N	2W	24	NW $\frac{1}{2}$ -
1N	2W	24	SW $\frac{1}{2}$ -
1N	2W	24	S $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	24	SE $\frac{1}{2}$ -
1N	2W	25	N $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	25	SW $\frac{1}{2}$ -
1N	2W	25	SE $\frac{1}{2}$ -
1N	2W	26	S $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	26	SE $\frac{1}{2}$ -
1N	2W	34	E $\frac{1}{2}$ SE $\frac{1}{2}$ -
1N	2W	34	SE $\frac{1}{2}$ NE $\frac{1}{2}$ -
1N	2W	35	E $\frac{1}{2}$ -
1N	2W	35	SW $\frac{1}{2}$ -
1N	2W	35	S $\frac{1}{2}$ NW $\frac{1}{2}$ -
1N	2W	36	N $\frac{1}{2}$ -
1N	2W	36	N $\frac{1}{2}$ SW $\frac{1}{2}$ -
1N	2W	36	N $\frac{1}{2}$ SE $\frac{1}{2}$ -
1N	2W	36	SW $\frac{1}{2}$ SW $\frac{1}{2}$ -
1S	2W	1	S $\frac{1}{2}$ -
1S	2W	1	S $\frac{1}{2}$ NW $\frac{1}{2}$ -
1S	2W	1	SW $\frac{1}{2}$ NE $\frac{1}{2}$ -
1S	2W	2	SE $\frac{1}{2}$ -
1S	2W	2	NE $\frac{1}{2}$ SW $\frac{1}{2}$ -
1S	2W	10	N $\frac{1}{2}$ NE $\frac{1}{2}$ -
1S	2W	11	N $\frac{1}{2}$ -
1S	2W	12	All -
1S	2W	13	All -
1S	2W	14	E $\frac{1}{2}$ SE $\frac{1}{2}$ -
1S	2W	23	E $\frac{1}{2}$ NE $\frac{1}{2}$ -
1S	2W	23	NE $\frac{1}{2}$ SE $\frac{1}{2}$ -
1S	2W	24	All -
1S	2W	25	N $\frac{1}{2}$ -
1S	2W	25	NE $\frac{1}{2}$ SW $\frac{1}{2}$ -
1S	2W	25	NE $\frac{1}{2}$ SE $\frac{1}{2}$ -
2N	1W	17	SE $\frac{1}{2}$ SW $\frac{1}{2}$ -
2N	1W	18	S $\frac{1}{2}$ SE $\frac{1}{2}$ -
2N	1W	18	NW $\frac{1}{2}$ SE $\frac{1}{2}$ -
2N	1W	19	E $\frac{1}{2}$ NE $\frac{1}{2}$ -
2N	1W	19	NW $\frac{1}{2}$ NE $\frac{1}{2}$ -
2N	1W	20	All -
2N	1W	21	SW $\frac{1}{2}$ -
2N	1W	21	NW $\frac{1}{2}$ -
2N	1W	23	SE $\frac{1}{2}$ SW $\frac{1}{2}$ -
2N	1W	23	SE $\frac{1}{2}$ -

Application No. G-7578

Township Range Section List $\frac{1}{2}$ of Section

2N	1W	24	All
2N	1W	25	All
2N	1W	26	All
2N	1W	28	NW $\frac{1}{2}$
2N	1W	28	SE $\frac{1}{2}$
2N	1W	28	NE $\frac{1}{2}$ SW $\frac{1}{2}$
2N	1W	28	W $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	29	N $\frac{1}{2}$ NW $\frac{1}{2}$
2N	1W	29	N $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	32	SE $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	32	SW $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	34	All
2N	1W	35	All
2N	1W	36	All

2S	1W	1	All
2S	1W	2	All
2S	1W	3	All
2S	1W	4	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	4	E $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	4	E $\frac{1}{2}$
2S	1W	9	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	9	E $\frac{1}{2}$
2S	1W	10	All
2S	1W	11	All
2S	1W	12	All
2S	1W	13	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	13	NE $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	13	NW $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	13	S $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	13	S $\frac{1}{2}$ NE $\frac{1}{2}$
2S	1W	13	SE $\frac{1}{2}$
2S	1W	14	N $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	14	SE $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	14	E $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	14	E $\frac{1}{2}$
2S	1W	23	All
2S	1W	24	All
2S	1W	25	W $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	25	NW $\frac{1}{2}$
2S	1W	26	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	26	NE $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	26	N $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	26	NE $\frac{1}{2}$
2S	1W	36	NW $\frac{1}{2}$ NW $\frac{1}{2}$

2S	1E	6	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	6	W $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1E	7	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	7	NW $\frac{1}{2}$ SW $\frac{1}{2}$

Application No. G-7578
 Permit No. G 8755

SUPPLEMENT NO. 3

The City of Portland water system serves approximately 700,000 people living in or adjacent to the City. The customers are supplied by a single water source, the Bull Run River, through three pipelines running 26 miles from the headworks facility to terminal storage facilities in the City.

The Bull Run River's water quality occasionally does not meet the current U. S. Environmental Protection Agencies' requirements for drinking water. In addition, the pipelines conveying the water supply to the City are susceptible to destruction and/or damage by landslides and by sabotage where the pipes cross several bridges. Due to the potential for a loss of the Bull Run River supply and the effect such a loss would have on the economic livelihood of the Portland Metropolitan Area, an emergency water supply system is considered a necessary requirement for continued development of the Portland Metropolitan Area.

The quantity of appropriation requested is based upon a need to provide a minimal water supply of 100 mgd for the system, if the Bull Run River supply were not available for a ninety-day period. A 100 mgd supply coupled with water conservation measures is sufficient to prevent the closures of most businesses due to lack of water. The 250 mgd maximum, short term capacity is requested to provide sufficient capacity to meet the demands on the water system without special conservation measures by the customers if the Bull Run supply is unavailable for a period of less than three days.

The demand for water placed on the Portland Water System by water districts serviced by the Portland System have been increasing and are projected to continue this increase. Several of these customers with very large potential water use, such as Wolf Creek Water District, have signed twenty-five-year agreements with Portland for water service. The total system demands are projected to exceed the system's water supply capability prior to the completion of the groundwater supply system proposed herein. The groundwater system is, therefore, required to supplement the existing system in an ever-increasing capacity, limited to 100 mgd, during periods of high demand for water.

Application No. G-7578

Permit No. G 8755

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DEC 21 1979

WATER RESOURCES DEPT.
SALEM, OREGON

SUPPLEMENT NO. 1

RECEIVED

DEC 21 1979

WATER RESOURCES DEPT
SALEM, OREGON

* W. M. COUNTY OF MULTNOMAH

WEST WELL FIELD					
WELL NO.	REFERENCE POINT *	LOCATION IN FT.			
		N	S	E	W
1 & 8	N.E. COR. SEC. 16 TIN R2E		2250		1650
2	S.E. COR. SEC. 16 TIN R2E	2100			650
3 & 9	S.W. COR. SEC. 15 TIN R2E	2050		550	
4	N.W. COR. SEC. 15 TIN R2E		3150	2050	
5	N.E. COR. SEC. 15 TIN R2E		3400		1650
6 & 11	S.W. COR. SEC. 10 TIN R2E	650		150	
7 & 13	N.E. COR. SEC. 15 TIN R2E		2550		850
10	S.E. COR. SEC. 15 TIN R2E	1150			2700
12	N.W. COR. SEC. 15 TIN R2E		450	1500	
14	" "		1650	700	
EAST WELL FIELD					
1	S.E. COR. SEC. 13 TIN R2E	400			6000
2	" "	150			4000
3	N.E. COR. SEC. 24 TIN R2E		1750		3550
4	" "		3300		4500
5	" "		500		1350
6	" "		2200		1250
7	N.W. COR. SEC. 19 TIN R3E		700	150	
8	" "		2500	200	
9	" "		850	1650	
10	" "		2450	1650	
11	N.E. COR. SEC. 19 TIN R3E		1300		1450
12	N.W. COR. SEC. 20 TIN R3E		4050	850	
13	" "		1300	1550	
14	N.E. COR. SEC. 20 TIN R3E		1700		1100
15	N.W. COR. SEC. 21 TIN R3E		1000	2300	
16	" "		1400	3300	

Application No. G-7578

Permit No. G 8755

Permit to Appropriate the Public Waters of the State of Oregon

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD 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 390 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 30 wells being (from West Well Field) 27.8 cfs #1, 27.8 cfs #2, 27.8 cfs #3, 27.8 cfs #4, 27.9 cfs #5, 5.5 cfs #6, 56. cfs #7, 5.6 cfs #8, 5.6 cfs #9, 5.6 cfs #10, 5.6 cfs #11, 5.6 cfs #12, 5.6 cfs #13, 11.1 cfs #14, and (from East Well Field) 16.7 cfs ***

The use to which this water is to be applied is to provide an emergency and supplemental water supply for the Portland Municipal water system.

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;

#1, 16.7 cfs #2, 8.4 cfs #3, 13.9 cfs #4, 13.9 cfs #5, 13.9 cfs #6, 5.6 cfs #7, 5.6 cfs #8, 13.9 cfs #9, 13.9 cfs #10, 5.6 cfs #11, 8.4 cfs #12, 8.4 cfs #13, 11.1 cfs #14, 19.5 cfs #15, 19.5 cfs #16.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.
The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.
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 November 12, 1976

Actual construction work shall begin on or before August, 1979 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981

Extended to Oct. 1, 1986 Extended to October 1, 1991, 10-1-96, ext. BCD1
Complete application of the water to the proposed use shall be made on or before October 1, 1982

Extended to Oct. 1, 1986 Extended to October 1, 1991, 10-1-96
WITNESS my hand this 25th day of February, 1980

James E. Skyrin
Water Resource Director

Water Right Transfer Checklist

Transfer T-10489

Transfer Specialist: Permit Amendment Drawer

Transfer Type: Permit Amendment

Applicant Name/Address: Portland Water Bureau, 1120 SW 5th Room 500, Portland, OR 97204-1926

Agent Name/Address: Thom Warren, Same as above

CWRE Name/Number: NONE

Rec Landowner Name/Address: NONE

Irr. District Name/Address: NONE

Affected Gov'ts Name/Address: NONE

Commentors: Name/Address: NONE

Water Rights Affected

Records Marked	Records Copied	App File No. or Decree Name	Permit No.	Certificate No.	RR/CR Needed	RR/CR Nos.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	G 7578	G 8755		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/> Yes <input type="checkbox"/> No	

Key Dates & Initial Actions

Rec'd: <u>11/23/07</u>	Proposed Action(s): <u>POU POD HST APOD USE OTHER: APOA</u>	
Fees Pd: <u>400</u>	WM District: <u>20</u>	ODFW District: <u>NONE</u>
Initial Notice: <u>12/11/07</u>	WM Review sent: <u>12/10/07</u>	ODFW Review sent: <u>NONE</u>
Acknowledgement Letter Sent <input checked="" type="checkbox"/>		GW Review sent: <u>12/10/07</u>

Processing Dates & Actions

Deficiency Contacts: _____

Newspaper Pub Affid Due: _____

not required

DPD Mailed: _____

Affid of Pub Rec'd: _____

ODFW contact sheet sent with DPD, or N/A

Last Day Published: _____

PD Mailed: _____

Affidavit Reminder Sent: _____

PD Weekly Notice: _____

Reminder Deadline: _____

Preliminary Determination

Electronic Files uploaded

Preliminary Determination

PD Cover letter

Fee Refund Due

PD Notice

Remaining Rights

File Assigned/ ModPod updated

DPD Review (Optional)	PD Review (Salem)	Final Order Review (Salem)
Reviewer: _____	Reviewer: _____	Reviewer: <u>PKS</u>
Date: _____	Date: _____	Date: <u>12/7/09</u>
Coordinator: _____	Coordinator: _____	Coordinator: _____
Date: _____	Date: _____	Date: _____

Comments/Special Issues: APOA

Special Order Volume: Vol 79 Pages 315

Final Order Signature Date: 12-7-09

Notice of FO email'd to processors Kelly

Application

- The type of change is clearly indicated.
- The application is appropriately signed.
- Appropriate fees were paid. If overpayment, Refund Request to be sent with FO
- Land use form matches affected tax lots and is signed by proper official. *(from ALL affected Govt's)*
- Ditch company, district and/or BOR, sent a copy of the application and map, if appropriate.
- All required attachments received.

Water right subject to transfer

- Certificated right or Proof accepted "to the satisfaction..."
- The right been exercised according to terms & conditions of certificate.
- Delivery system has the capacity to fully divert the rate/duty of the right.
- No information in record that suggests forfeiture.
- No conflicts identified on the plat cards and plat card reports printed.
- Affidavits prepared for rights that need to be canceled or diminished.

Application Map

- The map has an original CWRE signature.
- The map size and scale accurate and appropriate per OAR 690-380-3100(1)(b)(c)&(d).
- All authorized and proposed POD's/POA's and POU's shown and clearly labeled.
- Metes and bounds for the POD's/POA's are properly described on the map.
- The POD/POA dimensions & ¼ ¼ on map match the transfer application and certificate descriptions.
- Map acres match the tabulation on the certificate.
- Have final proof maps/decree maps for the rights. Application map matches certificate FPS.
- Have necessary aerial photos.

Determining the "From" and "To" Lands (make working copy of application and certificates to mark on)

- Only the authorized POD's/POA's and POU's to be transferred are listed.
- Application & certificate tabulations match. *(Mark on appl. and cert. copies and note corrections needed)*
- Marked on certificate the acreage being transferred, cancelled and remaining by ¼ ¼.

Ownership

- The deed/ROLI matches the "from" lands. (Don't need to check "to" lands.)
- Have current tax lot map. *(If transfer application is several years old, contact assessor's office)*
- The applicant is the owner of the "from" lands.
- All owners on the deed/ROLI have signed the application.
- If necessary, there is a notarized, signed statement of consent from landowners other than applicant.
- If necessary, there is a copy of written notification to each lien holder identified on ROLI.
- Agent has authorization to make decisions.

Evaluation (materials needed for peer reviewer in bold)

- application** complete **map** FPS evidence of use land-use form
- deed/ROLI **certificate** fees paid well logs **plat card**
- audit** **dpd**

- Reviews/comments/conditions received? Watermaster ODFW GW
- Headgate When in the judgment Prior to diverting Existing and maintain
 - Measuring Devices When in the judgment Prior to diverting Existing and maintain
 - Fish Screen Devices

Injury: Y N Enlargement: Y N

Conditions to avoid enlargement/injury –



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

December 10, 2009

PORTLAND WATER BUREAU
ATTN THOM WARREN
1120 SW 5TH AVE
PORTLAND OR 97206

REFERENCE: Permit Amendment Transfer Application T-10489

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

YOU SHOULD GIVE PARTICULAR ATTENTION TO THE CONDITIONS OUTLINED IN THE FINAL ORDER. All other terms and conditions of the permit remain the same.

If you have any questions related to the approval of this permit amendment, you may contact me by telephone at (503) 986-0883 or by e-mail at Sarah.A.Henderson@wrд.state.or.us

Sincerely,

Sarah Henderson
Executive Support
Field Services Division

cc: Watermaster Dist. # 20

Enclosure



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

In the Matter of Permit Amendment)
T-10489, Multnomah County) **FINAL ORDER**
) **APPROVING AN ADDITIONAL POINT**
) **OF APPROPRIATION**

Authority

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

Applicant

Portland Water Bureau
Attn Thom Warren
1120 SW 5th Room 500
Portland, Oregon 97204-1926

Findings of Fact

Background

1. On November 23, 2007, Portland Water Bureau filed an application for an additional point of appropriation under Permit G-8755. The Department assigned the application number T-10489.

2. The permit to be amended is as follows:

Permit: G-8755 in the name of CITY OF PORTLAND
Use: EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE
PORTLAND MUNICIPAL WATER SYSTEM
Priority Date: NOVEMBER 12, 1976
Quantity: 390.0 CUBIC FEET PER SECOND
Sources: 30 WELLS within the COLUMBIA RIVER BASIN

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 137-004-080 and OAR 690-01-005 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.

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	16	SW NE	WEST WELL FIELD WELL 1 - 2250 FEET SOUTH AND 1650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	16	NE SE	WEST WELL FIELD WELL 2 - 2100 FEET NORTH AND 650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	15	NW SW	WEST WELL FIELD WELL 3 - 2050 FEET NORTH AND 550 FEET EAST FROM THE SW CORNER OF SECTION 15
1 N	2 E	WM	15	NE SW	WEST WELL FIELD WELL 4 - 3150 FEET SOUTH AND 2050 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	15	NW SE	WEST WELL FIELD WELL 5 - 3400 FEET SOUTH AND 1650 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	10	SW SW	WEST WELL FIELD WELL 6 - 650 FEET NORTH AND 150 FEET EAST FROM THE SW CORNER OF SECTION 10
1 N	2 E	WM	15	SE NE	WEST WELL FIELD WELL 7 - 2550 FEET SOUTH AND 850 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	16	SW NE	WEST WELL FIELD WELL 8 - 2250 FEET SOUTH AND 1650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	15	NW SW	WEST WELL FIELD WELL 9 - 2050 FEET NORTH AND 550 FEET EAST FROM THE SW CORNER OF SECTION 15
1 N	2 E	WM	15	SE SW	WEST WELL FIELD WELL 10 - 1150 FEET NORTH AND 2700 FEET WEST FROM THE SE CORNER OF SECTION 15
1 N	2 E	WM	10	SW SW	WEST WELL FIELD WELL 11 - 650 FEET NORTH AND 150 FEET EAST FROM THE SW CORNER OF SECTION 10
1 N	2 E	WM	15	NE NW	WEST WELL FIELD WELL 12 - 450 FEET SOUTH AND 1500 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	15	SE NE	WEST WELL FIELD WELL 13 - 2550 FEET SOUTH AND 850 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	15	SW NW	WEST WELL FIELD WELL 14 - 1650 FEET SOUTH AND 700 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	14	SE SE	EAST WELL FIELD WELL 1 - 400 FEET NORTH AND 6000 FEET WEST FROM THE SE CORNER OF SECTION 13, T 1 N, R 2 E, W.M.
1 N	2 E	WM	13	SW SW	EAST WELL FIELD WELL 2 - 150 FEET NORTH AND 4000 FEET WEST FROM THE SE CORNER OF SECTION 13
1 N	2 E	WM	24	SE NW	EAST WELL FIELD WELL 3 - 1750 FEET SOUTH AND 3550 FEET WEST FROM THE NE CORNER OF SECTION 24

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	24	NW SW	EAST WELL FIELD WELL 4 - 3300 FEET SOUTH AND 4500 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	2 E	WM	24	NE NE	EAST WELL FIELD WELL 5 - 500 FEET SOUTH AND 1350 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	2 E	WM	24	SE NE	EAST WELL FIELD WELL 6 - 2200 FEET SOUTH AND 1250 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	3 E	WM	19	NW NW	EAST WELL FIELD WELL 7 - 700 FEET SOUTH AND 150 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	SW NW	EAST WELL FIELD WELL 8 - 2500 FEET SOUTH AND 200 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	NE NW	EAST WELL FIELD WELL 9 - 850 FEET SOUTH AND 1650 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	SE NW	EAST WELL FIELD WELL 10 - 2450 FEET SOUTH AND 1650 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	NW NE	EAST WELL FIELD WELL 11 - 1300 FEET SOUTH AND 1450 FEET WEST FROM THE NE CORNER OF SECTION 19
1 N	3 E	WM	20	SW SW	EAST WELL FIELD WELL 12 - 4050 FEET SOUTH AND 850 FEET EAST FROM THE NW CORNER OF SECTION 20
1 N	3 E	WM	20	NE NW	EAST WELL FIELD WELL 13 - 1300 FEET SOUTH AND 1550 FEET EAST FROM THE NW CORNER OF SECTION 20
1 N	3 E	WM	20	SE NE	EAST WELL FIELD WELL 14 - 1700 FEET SOUTH AND 1100 FEET WEST FROM THE NE CORNER OF SECTION 20
1 N	3 E	WM	21	NE NW	EAST WELL FIELD WELL 15 - 1000 FEET SOUTH AND 2300 FEET EAST FROM THE NW CORNER OF SECTION 21
1 N	3 E	WM	21	SW NE	EAST WELL FIELD WELL 16 - 1400 FEET SOUTH AND 3300 FEET EAST FROM THE NW CORNER OF SECTION 21

Authorized place of use

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	1	ALL
1 N	1 E	WM	2	SW NE
1 N	1 E	WM	2	SE NE
1 N	1 E	WM	2	SW NW
1 N	1 E	WM	2	SE NW
1 N	1 E	WM	2	NE SW
1 N	1 E	WM	2	NW SW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	2	SW SW
1 N	1 E	WM	2	SE SW
1 N	1 E	WM	2	NE SE
1 N	1 E	WM	2	NW SE
1 N	1 E	WM	2	SW SE
1 N	1 E	WM	2	SE SE
1 N	1 E	WM	3	ALL
1 N	1 E	WM	4	ALL
1 N	1 E	WM	5	ALL
1 N	1 E	WM	6	ALL
1 N	1 E	WM	7	ALL
1 N	1 E	WM	8	ALL
1 N	1 E	WM	9	ALL
1 N	1 E	WM	10	ALL
1 N	1 E	WM	11	ALL
1 N	1 E	WM	12	ALL
1 N	1 E	WM	13	ALL
1 N	1 E	WM	14	ALL
1 N	1 E	WM	15	ALL
1 N	1 E	WM	16	ALL
1 N	1 E	WM	17	ALL
1 N	1 E	WM	18	ALL
1 N	1 E	WM	19	ALL
1 N	1 E	WM	20	ALL
1 N	1 E	WM	21	ALL
1 N	1 E	WM	22	ALL
1 N	1 E	WM	23	ALL
1 N	1 E	WM	24	ALL
1 N	1 E	WM	25	ALL
1 N	1 E	WM	26	ALL
1 N	1 E	WM	27	ALL
1 N	1 E	WM	28	ALL
1 N	1 E	WM	29	ALL
1 N	1 E	WM	30	NE NE
1 N	1 E	WM	30	NW NE
1 N	1 E	WM	30	SW NE
1 N	1 E	WM	30	SE NE
1 N	1 E	WM	30	NE NW
1 N	1 E	WM	30	SW NW
1 N	1 E	WM	30	SE NW
1 N	1 E	WM	30	NE SW
1 N	1 E	WM	30	NE SW
1 N	1 E	WM	30	NW SW
1 N	1 E	WM	30	SW SW
1 N	1 E	WM	30	SE SW
1 N	1 E	WM	30	NE SE
1 N	1 E	WM	30	NW SE
1 N	1 E	WM	30	SW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	30	SE SE
1 N	1 E	WM	31	SW NE
1 N	1 E	WM	31	SE NE
1 N	1 E	WM	31	NE NW
1 N	1 E	WM	31	NW NW
1 N	1 E	WM	31	SW NW
1 N	1 E	WM	31	SE NW
1 N	1 E	WM	31	NE SW
1 N	1 E	WM	31	NW SW
1 N	1 E	WM	31	SW SW
1 N	1 E	WM	31	SE SW
1 N	1 E	WM	31	NE SE
1 N	1 E	WM	31	NW SE
1 N	1 E	WM	31	SW SE
1 N	1 E	WM	31	SE SE
1 N	1 E	WM	32	NE NE
1 N	1 E	WM	32	NW NE
1 N	1 E	WM	32	SW NE
1 N	1 E	WM	32	SE NE
1 N	1 E	WM	32	NE NW
1 N	1 E	WM	32	SW NW
1 N	1 E	WM	32	SE NW
1 N	1 E	WM	32	NE SW
1 N	1 E	WM	32	NW SW
1 N	1 E	WM	32	SW SW
1 N	1 E	WM	32	SE SW
1 N	1 E	WM	32	NE SE
1 N	1 E	WM	32	NW SE
1 N	1 E	WM	32	SW SE
1 N	1 E	WM	32	SE SE
1 N	1 E	WM	33	ALL
1 N	1 E	WM	34	ALL
1 N	1 E	WM	35	ALL
1 N	1 E	WM	36	ALL
1 N	1 W	WM	1	ALL
1 N	1 W	WM	2	ALL
1 N	1 W	WM	3	ALL
1 N	1 W	WM	4	NE NE
1 N	1 W	WM	4	SW NE
1 N	1 W	WM	4	SE NE
1 N	1 W	WM	4	NW NW
1 N	1 W	WM	4	SW NW
1 N	1 W	WM	4	SE NW
1 N	1 W	WM	4	NE SW
1 N	1 W	WM	4	NW SW
1 N	1 W	WM	4	SW SW
1 N	1 W	WM	4	SE SW
1 N	1 W	WM	4	NE SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	4	NW SE
1 N	1 W	WM	4	SW SE
1 N	1 W	WM	4	SE SE
1 N	1 W	WM	5	NE NE
1 N	1 W	WM	5	NW NE
1 N	1 W	WM	5	SW NE
1 N	1 W	WM	5	SE NE
1 N	1 W	WM	5	NE SW
1 N	1 W	WM	5	NW SW
1 N	1 W	WM	5	SE SW
1 N	1 W	WM	5	NE SE
1 N	1 W	WM	5	NW SE
1 N	1 W	WM	5	SW SE
1 N	1 W	WM	5	SE SE
1 N	1 W	WM	6	NE SE
1 N	1 W	WM	6	SE SE
1 N	1 W	WM	9	NE NE
1 N	1 W	WM	9	SE NE
1 N	1 W	WM	10	NE NE
1 N	1 W	WM	10	NW NE
1 N	1 W	WM	10	SW NE
1 N	1 W	WM	10	SE NE
1 N	1 W	WM	10	NE NW
1 N	1 W	WM	10	NW NW
1 N	1 W	WM	10	SW NW
1 N	1 W	WM	10	SE NW
1 N	1 W	WM	10	NE SE
1 N	1 W	WM	10	NW SE
1 N	1 W	WM	10	SW SE
1 N	1 W	WM	10	SE SE
1 N	1 W	WM	11	ALL
1 N	1 W	WM	12	ALL
1 N	1 W	WM	13	ALL
1 N	1 W	WM	14	ALL
1 N	1 W	WM	15	NE NE
1 N	1 W	WM	15	SE NE
1 N	1 W	WM	15	NE SE
1 N	1 W	WM	15	SE SE
1 N	1 W	WM	18	SE NE
1 N	1 W	WM	18	NE SW
1 N	1 W	WM	18	SE SW
1 N	1 W	WM	18	NE SE
1 N	1 W	WM	18	NW SE
1 N	1 W	WM	18	SW SE
1 N	1 W	WM	18	SE SE
1 N	1 W	WM	19	NW NE
1 N	1 W	WM	19	SW NE
1 N	1 W	WM	19	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	19	NE NW
1 N	1 W	WM	19	SW NW
1 N	1 W	WM	19	SE NW
1 N	1 W	WM	19	NE SW
1 N	1 W	WM	19	NW SW
1 N	1 W	WM	19	SW SW
1 N	1 W	WM	19	SE SW
1 N	1 W	WM	19	NE SE
1 N	1 W	WM	19	NW SE
1 N	1 W	WM	19	SW SE
1 N	1 W	WM	19	SE SE
1 N	1 W	WM	20	SW NW
1 N	1 W	WM	20	NE SW
1 N	1 W	WM	20	NW SW
1 N	1 W	WM	20	SW SW
1 N	1 W	WM	20	SE SW
1 N	1 W	WM	20	NW SE
1 N	1 W	WM	20	SW SE
1 N	1 W	WM	21	NW SW
1 N	1 W	WM	21	SW SW
1 N	1 W	WM	23	ALL
1 N	1 W	WM	24	ALL
1 N	1 W	WM	25	ALL
1 N	1 W	WM	26	NE NE
1 N	1 W	WM	26	NW NE
1 N	1 W	WM	26	SW NE
1 N	1 W	WM	26	SE NE
1 N	1 W	WM	26	NW NW
1 N	1 W	WM	26	SW NW
1 N	1 W	WM	26	SE NW
1 N	1 W	WM	26	NE SW
1 N	1 W	WM	26	NW SW
1 N	1 W	WM	26	SW SW
1 N	1 W	WM	26	SE SW
1 N	1 W	WM	26	NE SE
1 N	1 W	WM	26	NW SE
1 N	1 W	WM	26	SW SE
1 N	1 W	WM	26	SE SE
1 N	1 W	WM	27	NE NE
1 N	1 W	WM	27	NW NE
1 N	1 W	WM	27	SW NE
1 N	1 W	WM	27	SE NE
1 N	1 W	WM	27	NE NW
1 N	1 W	WM	27	SE NW
1 N	1 W	WM	27	NE SW
1 N	1 W	WM	27	SE SW
1 N	1 W	WM	27	NE SE
1 N	1 W	WM	27	NW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	27	SW SE
1 N	1 W	WM	27	SE SE
1 N	1 W	WM	28	SW NE
1 N	1 W	WM	28	NE NW
1 N	1 W	WM	28	NW NW
1 N	1 W	WM	28	SW NW
1 N	1 W	WM	28	SE NW
1 N	1 W	WM	28	NE SW
1 N	1 W	WM	28	NW SW
1 N	1 W	WM	28	SW SW
1 N	1 W	WM	28	SE SW
1 N	1 W	WM	28	NW SE
1 N	1 W	WM	28	SW SE
1 N	1 W	WM	28	SE SE
1 N	1 W	WM	29	ALL
1 N	1 W	WM	30	NE NE
1 N	1 W	WM	30	NW NE
1 N	1 W	WM	30	SW NE
1 N	1 W	WM	30	SE NE
1 N	1 W	WM	30	NE NW
1 N	1 W	WM	30	NW NW
1 N	1 W	WM	30	SW NW
1 N	1 W	WM	30	SE NW
1 N	1 W	WM	30	NE SW
1 N	1 W	WM	30	SE SW
1 N	1 W	WM	30	NE SE
1 N	1 W	WM	30	NW SE
1 N	1 W	WM	30	SW SE
1 N	1 W	WM	30	SE SE
1 N	1 W	WM	31	NE NE
1 N	1 W	WM	31	NW NE
1 N	1 W	WM	31	SW NE
1 N	1 W	WM	31	SE NE
1 N	1 W	WM	31	NE NW
1 N	1 W	WM	31	NW NW
1 N	1 W	WM	31	SW NW
1 N	1 W	WM	31	SE NW
1 N	1 W	WM	31	NE SW
1 N	1 W	WM	31	NW SW
1 N	1 W	WM	31	SE SW
1 N	1 W	WM	31	NE SE
1 N	1 W	WM	31	NW SE
1 N	1 W	WM	31	SW SE
1 N	1 W	WM	31	SE SE
1 N	1 W	WM	32	ALL
1 N	1 W	WM	33	ALL
1 N	1 W	WM	34	ALL
1 N	1 W	WM	35	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	36	ALL
1 N	2 E	WM	4	SW SW
1 N	2 E	WM	5	NW NW
1 N	2 E	WM	5	SW NW
1 N	2 E	WM	5	SE NW
1 N	2 E	WM	5	NE SW
1 N	2 E	WM	5	NW SW
1 N	2 E	WM	5	SW SW
1 N	2 E	WM	5	SE SW
1 N	2 E	WM	5	NW SE
1 N	2 E	WM	5	SW SE
1 N	2 E	WM	5	SE SE
1 N	2 E	WM	6	ALL
1 N	2 E	WM	7	ALL
1 N	2 E	WM	8	ALL
1 N	2 E	WM	9	SW NE
1 N	2 E	WM	9	NE NW
1 N	2 E	WM	9	NW NW
1 N	2 E	WM	9	SW NW
1 N	2 E	WM	9	SE NW
1 N	2 E	WM	9	NE SW
1 N	2 E	WM	9	NW SW
1 N	2 E	WM	9	SW SW
1 N	2 E	WM	9	SE SW
1 N	2 E	WM	9	NE SE
1 N	2 E	WM	9	NW SE
1 N	2 E	WM	9	SW SE
1 N	2 E	WM	9	SE SE
1 N	2 E	WM	10	NW SW
1 N	2 E	WM	10	SW SW
1 N	2 E	WM	10	SE SW
1 N	2 E	WM	13	SW SW
1 N	2 E	WM	13	SE SW
1 N	2 E	WM	13	SW SE
1 N	2 E	WM	13	SE SE
1 N	2 E	WM	14	SW NW
1 N	2 E	WM	14	NE SW
1 N	2 E	WM	14	NW SW
1 N	2 E	WM	14	SW SW
1 N	2 E	WM	14	SE SW
1 N	2 E	WM	14	NE SE
1 N	2 E	WM	14	NW SE
1 N	2 E	WM	14	SW SE
1 N	2 E	WM	14	SE SE
1 N	2 E	WM	15	NW NE
1 N	2 E	WM	15	SW NE
1 N	2 E	WM	15	SE NE
1 N	2 E	WM	15	NE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	15	NW NW
1 N	2 E	WM	15	SW NW
1 N	2 E	WM	15	SE NW
1 N	2 E	WM	15	NE SW
1 N	2 E	WM	15	NW SW
1 N	2 E	WM	15	SW SW
1 N	2 E	WM	15	SE SW
1 N	2 E	WM	15	NE SE
1 N	2 E	WM	15	NW SE
1 N	2 E	WM	15	SW SE
1 N	2 E	WM	15	SE SE
1 N	2 E	WM	16	ALL
1 N	2 E	WM	17	ALL
1 N	2 E	WM	18	ALL
1 N	2 E	WM	19	ALL
1 N	2 E	WM	20	ALL
1 N	2 E	WM	21	ALL
1 N	2 E	WM	22	ALL
1 N	2 E	WM	23	ALL
1 N	2 E	WM	24	ALL
1 N	2 E	WM	25	ALL
1 N	2 E	WM	26	ALL
1 N	2 E	WM	27	ALL
1 N	2 E	WM	28	ALL
1 N	2 E	WM	29	ALL
1 N	2 E	WM	30	ALL
1 N	2 E	WM	31	ALL
1 N	2 E	WM	32	ALL
1 N	2 E	WM	33	ALL
1 N	2 E	WM	34	ALL
1 N	2 E	WM	35	ALL
1 N	2 E	WM	36	ALL
1 N	2 W	WM	13	ALL
1 N	2 W	WM	14	NE NE
1 N	2 W	WM	14	SW NE
1 N	2 W	WM	14	SE NE
1 N	2 W	WM	14	NE NW
1 N	2 W	WM	14	NW NW
1 N	2 W	WM	14	SW NW
1 N	2 W	WM	14	SE NW
1 N	2 W	WM	14	NE SE
1 N	2 W	WM	23	NE NE
1 N	2 W	WM	23	SW NE
1 N	2 W	WM	23	SE NE
1 N	2 W	WM	23	NE NW
1 N	2 W	WM	23	NW NW
1 N	2 W	WM	23	SW NW
1 N	2 W	WM	23	SE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 W	WM	23	NE SE
1 N	2 W	WM	23	NW SE
1 N	2 W	WM	24	SW NE
1 N	2 W	WM	24	SE NE
1 N	2 W	WM	24	NE NW
1 N	2 W	WM	24	NW NW
1 N	2 W	WM	24	SW NW
1 N	2 W	WM	24	SE NW
1 N	2 W	WM	24	NE SW
1 N	2 W	WM	24	NW SW
1 N	2 W	WM	24	SW SW
1 N	2 W	WM	24	SE SW
1 N	2 W	WM	24	NE SE
1 N	2 W	WM	24	NW SE
1 N	2 W	WM	24	SW SE
1 N	2 W	WM	24	SE SE
1 N	2 W	WM	25	NE NE
1 N	2 W	WM	25	NW NE
1 N	2 W	WM	25	NE SW
1 N	2 W	WM	25	NW SW
1 N	2 W	WM	25	SW SW
1 N	2 W	WM	25	SE SW
1 N	2 W	WM	25	NE SE
1 N	2 W	WM	25	NW SE
1 N	2 W	WM	25	SW SE
1 N	2 W	WM	25	SE SE
1 N	2 W	WM	26	SW NE
1 N	2 W	WM	26	SE NE
1 N	2 W	WM	26	NE SE
1 N	2 W	WM	26	NW SE
1 N	2 W	WM	26	SW SE
1 N	2 W	WM	26	SE SE
1 N	2 W	WM	34	SE NE
1 N	2 W	WM	34	NE SE
1 N	2 W	WM	34	SE SE
1 N	2 W	WM	35	NE NE
1 N	2 W	WM	35	NW NE
1 N	2 W	WM	35	SW NE
1 N	2 W	WM	35	SE NE
1 N	2 W	WM	35	SW NW
1 N	2 W	WM	35	SE NW
1 N	2 W	WM	35	NE SW
1 N	2 W	WM	35	NW SW
1 N	2 W	WM	35	SW SW
1 N	2 W	WM	35	SE SW
1 N	2 W	WM	35	NE SE
1 N	2 W	WM	35	NW SE
1 N	2 W	WM	35	SW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 W	WM	35	SE SE
1 N	2 W	WM	36	NE NE
1 N	2 W	WM	36	NW NE
1 N	2 W	WM	36	SW NE
1 N	2 W	WM	36	SE NE
1 N	2 W	WM	36	NE NW
1 N	2 W	WM	36	NW NW
1 N	2 W	WM	36	SW NW
1 N	2 W	WM	36	SE NW
1 N	2 W	WM	36	NE SW
1 N	2 W	WM	36	NW SW
1 N	2 W	WM	36	SW SW
1 N	2 W	WM	36	NE SE
1 N	2 W	WM	36	NW SE
1 N	3 E	WM	19	ALL
1 N	3 E	WM	20	NE NW
1 N	3 E	WM	20	NW NW
1 N	3 E	WM	20	SW NW
1 N	3 E	WM	20	SE NW
1 N	3 E	WM	20	NE SW
1 N	3 E	WM	20	NW SW
1 N	3 E	WM	20	SW SW
1 N	3 E	WM	20	SE SW
1 N	3 E	WM	28	NE SW
1 N	3 E	WM	28	NW SW
1 N	3 E	WM	28	SW SW
1 N	3 E	WM	28	SE SW
1 N	3 E	WM	29	ALL
1 N	3 E	WM	30	ALL
1 N	3 E	WM	31	ALL
1 N	3 E	WM	32	ALL
1 N	3 E	WM	33	SW NE
1 N	3 E	WM	33	SE NE
1 N	3 E	WM	33	NE NW
1 N	3 E	WM	33	NW NW
1 N	3 E	WM	33	SW NW
1 N	3 E	WM	33	SE NW
1 N	3 E	WM	33	NE SW
1 N	3 E	WM	33	NW SW
1 N	3 E	WM	33	SW SW
1 N	3 E	WM	33	SE SW
1 N	3 E	WM	33	NE SE
1 N	3 E	WM	33	NW SE
1 N	3 E	WM	33	SW SE
1 N	3 E	WM	33	SE SE
1 N	3 E	WM	34	SW NW
1 N	3 E	WM	34	NW SW
1 N	3 E	WM	34	SW SW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	3 E	WM	34	SE SW
1 N	3 E	WM	34	SW SE
1 N	3 E	WM	34	SE SE
1 N	3 E	WM	35	NW SW
1 N	3 E	WM	35	SW SW
1 S	1 E	WM	1	ALL
1 S	1 E	WM	2	ALL
1 S	1 E	WM	3	ALL
1 S	1 E	WM	4	ALL
1 S	1 E	WM	5	ALL
1 S	1 E	WM	6	ALL
1 S	1 E	WM	7	ALL
1 S	1 E	WM	8	ALL
1 S	1 E	WM	9	ALL
1 S	1 E	WM	10	ALL
1 S	1 E	WM	11	ALL
1 S	1 E	WM	12	ALL
1 S	1 E	WM	13	ALL
1 S	1 E	WM	14	ALL
1 S	1 E	WM	15	ALL
1 S	1 E	WM	16	ALL
1 S	1 E	WM	17	ALL
1 S	1 E	WM	18	ALL
1 S	1 E	WM	19	ALL
1 S	1 E	WM	20	ALL
1 S	1 E	WM	21	ALL
1 S	1 E	WM	22	ALL
1 S	1 E	WM	23	ALL
1 S	1 E	WM	24	ALL
1 S	1 E	WM	25	NE NE
1 S	1 E	WM	25	NW NW
1 S	1 E	WM	26	NE NE
1 S	1 E	WM	26	NW NE
1 S	1 E	WM	26	SW NE
1 S	1 E	WM	26	SE NE
1 S	1 E	WM	26	NE NW
1 S	1 E	WM	26	NW NW
1 S	1 E	WM	26	SW NW
1 S	1 E	WM	26	SE NW
1 S	1 E	WM	26	NW SW
1 S	1 E	WM	26	SW SW
1 S	1 E	WM	27	ALL
1 S	1 E	WM	28	ALL
1 S	1 E	WM	29	ALL
1 S	1 E	WM	30	ALL
1 S	1 E	WM	31	ALL
1 S	1 E	WM	32	NE NE
1 S	1 E	WM	32	NW NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 E	WM	32	SW NE
1 S	1 E	WM	32	SE NE
1 S	1 E	WM	32	NE NW
1 S	1 E	WM	32	NW NW
1 S	1 E	WM	32	SW NW
1 S	1 E	WM	32	SE NW
1 S	1 E	WM	32	NE SE
1 S	1 E	WM	32	NW SE
1 S	1 E	WM	32	SW SE
1 S	1 E	WM	32	SE SE
1 S	1 E	WM	33	ALL
1 S	1 E	WM	34	ALL
1 S	1 E	WM	35	NW NE
1 S	1 E	WM	35	SW NE
1 S	1 E	WM	35	NE NW
1 S	1 E	WM	35	NW NW
1 S	1 E	WM	35	SW NW
1 S	1 E	WM	35	SE NW
1 S	1 E	WM	35	NE SW
1 S	1 E	WM	35	NW SW
1 S	1 E	WM	35	SW SW
1 S	1 E	WM	35	SE SW
1 S	1 E	WM	35	NW SE
1 S	1 E	WM	35	SW SE
1 S	1 W	WM	1	ALL
1 S	1 W	WM	2	ALL
1 S	1 W	WM	3	ALL
1 S	1 W	WM	4	ALL
1 S	1 W	WM	5	ALL
1 S	1 W	WM	6	ALL
1 S	1 W	WM	7	ALL
1 S	1 W	WM	8	ALL
1 S	1 W	WM	9	ALL
1 S	1 W	WM	10	ALL
1 S	1 W	WM	11	ALL
1 S	1 W	WM	12	ALL
1 S	1 W	WM	13	ALL
1 S	1 W	WM	14	ALL
1 S	1 W	WM	15	ALL
1 S	1 W	WM	16	ALL
1 S	1 W	WM	17	NE NE
1 S	1 W	WM	17	NW NE
1 S	1 W	WM	17	SW NE
1 S	1 W	WM	17	SE NE
1 S	1 W	WM	17	NE NW
1 S	1 W	WM	17	NW NW
1 S	1 W	WM	17	SW NW
1 S	1 W	WM	17	SE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 W	WM	17	NE SW
1 S	1 W	WM	17	NW SW
1 S	1 W	WM	17	SW SW
1 S	1 W	WM	17	NE SE
1 S	1 W	WM	17	NW SE
1 S	1 W	WM	17	SW SE
1 S	1 W	WM	17	SE SE
1 S	1 W	WM	18	ALL
1 S	1 W	WM	19	NE NE
1 S	1 W	WM	19	NW NE
1 S	1 W	WM	19	SW NE
1 S	1 W	WM	19	SE NE
1 S	1 W	WM	19	NE NW
1 S	1 W	WM	19	NW NW
1 S	1 W	WM	19	SW NW
1 S	1 W	WM	19	SE NW
1 S	1 W	WM	19	NE SW
1 S	1 W	WM	19	NW SW
1 S	1 W	WM	19	SW SW
1 S	1 W	WM	19	SE SW
1 S	1 W	WM	19	NE SE
1 S	1 W	WM	19	NW SE
1 S	1 W	WM	19	SW SE
1 S	1 W	WM	20	NE NE
1 S	1 W	WM	20	NW NE
1 S	1 W	WM	20	SW NE
1 S	1 W	WM	20	SE NE
1 S	1 W	WM	20	SW NW
1 S	1 W	WM	20	NE SW
1 S	1 W	WM	20	NW SW
1 S	1 W	WM	20	SW SW
1 S	1 W	WM	20	SE SW
1 S	1 W	WM	20	NE SE
1 S	1 W	WM	20	NW SE
1 S	1 W	WM	20	SW SE
1 S	1 W	WM	20	SE SE
1 S	1 W	WM	21	ALL
1 S	1 W	WM	22	ALL
1 S	1 W	WM	23	ALL
1 S	1 W	WM	24	ALL
1 S	1 W	WM	25	ALL
1 S	1 W	WM	26	ALL
1 S	1 W	WM	27	ALL
1 S	1 W	WM	28	NE NE
1 S	1 W	WM	28	NW NE
1 S	1 W	WM	28	SW NE
1 S	1 W	WM	28	SE NE
1 S	1 W	WM	28	NE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 W	WM	28	SE NW
1 S	1 W	WM	28	NE SW
1 S	1 W	WM	28	SE SW
1 S	1 W	WM	28	NE SE
1 S	1 W	WM	28	NW SE
1 S	1 W	WM	28	SW SE
1 S	1 W	WM	28	SE SE
1 S	1 W	WM	29	NE NE
1 S	1 W	WM	29	NW NE
1 S	1 W	WM	29	NE NW
1 S	1 W	WM	29	NW NW
1 S	1 W	WM	29	NE SW
1 S	1 W	WM	29	NW SW
1 S	1 W	WM	29	SW SW
1 S	1 W	WM	29	SE SW
1 S	1 W	WM	29	NE SE
1 S	1 W	WM	29	NW SE
1 S	1 W	WM	29	SW SE
1 S	1 W	WM	29	SE SE
1 S	1 W	WM	30	ALL
1 S	1 W	WM	33	NE NE
1 S	1 W	WM	33	NW NE
1 S	1 W	WM	33	SW NE
1 S	1 W	WM	33	NE NW
1 S	1 W	WM	33	SW SE
1 S	1 W	WM	33	SE SE
1 S	1 W	WM	34	NE NE
1 S	1 W	WM	34	NW NE
1 S	1 W	WM	34	SW NE
1 S	1 W	WM	34	SE NE
1 S	1 W	WM	34	NE NW
1 S	1 W	WM	34	NW NW
1 S	1 W	WM	34	NE SW
1 S	1 W	WM	34	SW SW
1 S	1 W	WM	34	SE SW
1 S	1 W	WM	34	NE SE
1 S	1 W	WM	34	NW SE
1 S	1 W	WM	34	SW SE
1 S	1 W	WM	34	SE SE
1 S	1 W	WM	35	ALL
1 S	1 W	WM	36	ALL
1 S	2 E	WM	1	ALL
1 S	2 E	WM	2	ALL
1 S	2 E	WM	3	ALL
1 S	2 E	WM	4	ALL
1 S	2 E	WM	5	ALL
1 S	2 E	WM	6	ALL
1 S	2 E	WM	7	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	2 E	WM	8	ALL
1 S	2 E	WM	9	ALL
1 S	2 E	WM	10	ALL
1 S	2 E	WM	11	ALL
1 S	2 E	WM	12	ALL
1 S	2 E	WM	13	ALL
1 S	2 E	WM	14	ALL
1 S	2 E	WM	15	ALL
1 S	2 E	WM	16	ALL
1 S	2 E	WM	17	ALL
1 S	2 E	WM	18	ALL
1 S	2 E	WM	19	ALL
1 S	2 E	WM	20	ALL
1 S	2 E	WM	21	ALL
1 S	2 E	WM	22	ALL
1 S	2 E	WM	23	ALL
1 S	2 E	WM	24	ALL
1 S	2 E	WM	25	NE NE
1 S	2 E	WM	25	SE NE
1 S	2 E	WM	25	NE NW
1 S	2 E	WM	25	NW NW
1 S	2 E	WM	25	NE SE
1 S	2 E	WM	26	NE NE
1 S	2 E	WM	26	NW NE
1 S	2 E	WM	26	NE NW
1 S	2 E	WM	26	NW NW
1 S	2 E	WM	26	SW NW
1 S	2 E	WM	26	SE NW
1 S	2 E	WM	27	NE NE
1 S	2 E	WM	27	NW NE
1 S	2 E	WM	27	SE NE
1 S	2 E	WM	28	NW NE
1 S	2 E	WM	29	NW NW
1 S	2 E	WM	29	SW NW
1 S	2 E	WM	29	NW SW
1 S	2 E	WM	29	SW SW
1 S	2 E	WM	30	NE NE
1 S	2 E	WM	30	NW NE
1 S	2 E	WM	30	SW NE
1 S	2 E	WM	30	SE NE
1 S	2 E	WM	30	NE SE
1 S	2 E	WM	30	NW SE
1 S	2 E	WM	30	SW SE
1 S	2 E	WM	30	SE SE
1 S	2 W	WM	1	SW NE
1 S	2 W	WM	1	SW NW
1 S	2 W	WM	1	SE NW
1 S	2 W	WM	1	NE SW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	2 W	WM	1	NW SW
1 S	2 W	WM	1	SW SW
1 S	2 W	WM	1	SE SW
1 S	2 W	WM	1	NE SE
1 S	2 W	WM	1	NW SE
1 S	2 W	WM	1	SW SE
1 S	2 W	WM	1	SE SE
1 S	2 W	WM	2	NE SW
1 S	2 W	WM	2	NE SE
1 S	2 W	WM	2	NW SE
1 S	2 W	WM	2	SW SE
1 S	2 W	WM	2	SE SE
1 S	2 W	WM	10	NE NE
1 S	2 W	WM	10	NW NE
1 S	2 W	WM	11	NE NE
1 S	2 W	WM	11	NW NE
1 S	2 W	WM	11	SW NE
1 S	2 W	WM	11	SE NE
1 S	2 W	WM	11	NE NW
1 S	2 W	WM	11	NW NW
1 S	2 W	WM	11	SW NW
1 S	2 W	WM	11	SE NW
1 S	2 W	WM	12	ALL
1 S	2 W	WM	13	ALL
1 S	2 W	WM	14	NE SE
1 S	2 W	WM	14	SE SE
1 S	2 W	WM	23	NE NE
1 S	2 W	WM	23	SE NE
1 S	2 W	WM	23	NE SE
1 S	2 W	WM	24	ALL
1 S	2 W	WM	25	NE NE
1 S	2 W	WM	25	NW NE
1 S	2 W	WM	25	SW NE
1 S	2 W	WM	25	SE NE
1 S	2 W	WM	25	NE NW
1 S	2 W	WM	25	NW NW
1 S	2 W	WM	25	SW NW
1 S	2 W	WM	25	SE NW
1 S	2 W	WM	25	NE SW
1 S	2 W	WM	25	NE SE
1 S	3 E	WM	1	NW NW
1 S	3 E	WM	1	SW NW
1 S	3 E	WM	1	NW SW
1 S	3 E	WM	1	SW SW
1 S	3 E	WM	2	ALL
1 S	3 E	WM	3	ALL
1 S	3 E	WM	4	ALL
1 S	3 E	WM	5	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	3 E	WM	6	ALL
1 S	3 E	WM	7	ALL
1 S	3 E	WM	8	ALL
1 S	3 E	WM	9	ALL
1 S	3 E	WM	10	ALL
1 S	3 E	WM	11	ALL
1 S	3 E	WM	12	NW NW
1 S	3 E	WM	12	SW NW
1 S	3 E	WM	12	NW SW
1 S	3 E	WM	12	SW SW
1 S	3 E	WM	14	NE NE
1 S	3 E	WM	14	NW NE
1 S	3 E	WM	14	NE NW
1 S	3 E	WM	14	NW NW
1 S	3 E	WM	14	SW NW
1 S	3 E	WM	14	SE NW
1 S	3 E	WM	14	NE SW
1 S	3 E	WM	14	NW SW
1 S	3 E	WM	14	SW SW
1 S	3 E	WM	14	SE SW
1 S	3 E	WM	14	NW SE
1 S	3 E	WM	14	SW SE
1 S	3 E	WM	15	ALL
1 S	3 E	WM	16	ALL
1 S	3 E	WM	17	ALL
1 S	3 E	WM	18	NE NE
1 S	3 E	WM	18	SW NE
1 S	3 E	WM	18	SE NE
1 S	3 E	WM	18	NW NW
1 S	3 E	WM	18	SW NW
1 S	3 E	WM	18	NW SW
1 S	3 E	WM	18	SW SW
1 S	3 E	WM	18	NE SE
1 S	3 E	WM	18	NW SE
1 S	3 E	WM	18	SE SE
1 S	3 E	WM	19	NW NW
1 S	3 E	WM	19	SW NW
1 S	3 E	WM	19	NW SW
1 S	3 E	WM	19	SW SW
1 S	3 E	WM	20	NE NE
1 S	3 E	WM	20	NW NE
1 S	3 E	WM	20	SW NE
1 S	3 E	WM	20	SE NE
1 S	3 E	WM	20	NE SE
1 S	3 E	WM	21	NE NE
1 S	3 E	WM	21	NW NE
1 S	3 E	WM	21	SW NE
1 S	3 E	WM	21	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	3 E	WM	21	NE NW
1 S	3 E	WM	21	NW NW
1 S	3 E	WM	21	SW NW
1 S	3 E	WM	21	SE NW
1 S	3 E	WM	21	NE SW
1 S	3 E	WM	21	NW SW
1 S	3 E	WM	21	NE SE
1 S	3 E	WM	21	NW SE
1 S	3 E	WM	21	SE SE
1 S	3 E	WM	22	NW NE
1 S	3 E	WM	22	NE NW
1 S	3 E	WM	22	NW NW
1 S	3 E	WM	22	SW NW
1 S	3 E	WM	22	SE NW
1 S	3 E	WM	22	NE SW
1 S	3 E	WM	22	NW SW
1 S	3 E	WM	22	SW SW
1 S	3 E	WM	22	SE SW
2 N	1 E	WM	19	SW SW
2 N	1 E	WM	29	SW SW
2 N	1 E	WM	29	SE SW
2 N	1 E	WM	30	SW NE
2 N	1 E	WM	30	NE NW
2 N	1 E	WM	30	NW NW
2 N	1 E	WM	30	SW NW
2 N	1 E	WM	30	SE NW
2 N	1 E	WM	30	NE SW
2 N	1 E	WM	30	NW SW
2 N	1 E	WM	30	SW SW
2 N	1 E	WM	30	SE SW
2 N	1 E	WM	30	NE SE
2 N	1 E	WM	30	NW SE
2 N	1 E	WM	30	SW SE
2 N	1 E	WM	30	SE SE
2 N	1 E	WM	31	ALL
2 N	1 E	WM	32	ALL
2 N	1 E	WM	33	NE SW
2 N	1 E	WM	33	NW SW
2 N	1 E	WM	33	SW SW
2 N	1 E	WM	33	SE SW
2 N	1 E	WM	33	SW SE
2 N	1 E	WM	33	SE SE
2 N	1 E	WM	34	SW SW
2 N	1 W	WM	17	SE SW
2 N	1 W	WM	18	NW SE
2 N	1 W	WM	18	SW SE
2 N	1 W	WM	18	SE SE
2 N	1 W	WM	19	NE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 N	1 W	WM	19	NW NE
2 N	1 W	WM	19	SE NE
2 N	1 W	WM	20	ALL
2 N	1 W	WM	21	NE NW
2 N	1 W	WM	21	NW NW
2 N	1 W	WM	21	SW NW
2 N	1 W	WM	21	SE NW
2 N	1 W	WM	21	NE SW
2 N	1 W	WM	21	NW SW
2 N	1 W	WM	21	SW SW
2 N	1 W	WM	21	SE SW
2 N	1 W	WM	23	SE SW
2 N	1 W	WM	23	NE SE
2 N	1 W	WM	23	NW SE
2 N	1 W	WM	23	SW SE
2 N	1 W	WM	23	SE SE
2 N	1 W	WM	24	ALL
2 N	1 W	WM	25	ALL
2 N	1 W	WM	26	ALL
2 N	1 W	WM	28	NW NE
2 N	1 W	WM	28	SW NE
2 N	1 W	WM	28	NE NW
2 N	1 W	WM	28	NW NW
2 N	1 W	WM	28	SW NW
2 N	1 W	WM	28	SE NW
2 N	1 W	WM	28	NE SW
2 N	1 W	WM	28	NE SE
2 N	1 W	WM	28	NW SE
2 N	1 W	WM	28	SW SE
2 N	1 W	WM	28	SE SE
2 N	1 W	WM	29	NE NE
2 N	1 W	WM	29	NW NE
2 N	1 W	WM	29	NE NW
2 N	1 W	WM	29	NW NW
2 N	1 W	WM	32	SW SE
2 N	1 W	WM	32	SE SE
2 N	1 W	WM	34	ALL
2 N	1 W	WM	35	ALL
2 N	1 W	WM	36	ALL
2 S	1 E	WM	6	NW NW
2 S	1 E	WM	6	SW NW
2 S	1 E	WM	6	NW SW
2 S	1 E	WM	6	SW SW
2 S	1 E	WM	7	NW NW
2 S	1 E	WM	7	SW NW
2 S	1 E	WM	7	NW SW
2 S	1 E	WM	19	NW NW
2 S	1 E	WM	19	SW NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 S	1 E	WM	19	SE NW
2 S	1 E	WM	19	NE SW
2 S	1 E	WM	19	NW SW
2 S	1 E	WM	19	SW SW
2 S	1 E	WM	19	SE SW
2 S	1 E	WM	19	NW SE
2 S	1 E	WM	19	SW SE
2 S	1 W	WM	1	ALL
2 S	1 W	WM	2	ALL
2 S	1 W	WM	3	ALL
2 S	1 W	WM	4	NE NE
2 S	1 W	WM	4	NW NE
2 S	1 W	WM	4	SW NE
2 S	1 W	WM	4	SE NE
2 S	1 W	WM	4	NE NW
2 S	1 W	WM	4	SE NW
2 S	1 W	WM	4	NE SW
2 S	1 W	WM	4	SE SW
2 S	1 W	WM	4	NE SE
2 S	1 W	WM	4	NW SE
2 S	1 W	WM	4	SW SE
2 S	1 W	WM	4	SE SE
2 S	1 W	WM	9	NE NE
2 S	1 W	WM	9	NW NE
2 S	1 W	WM	9	SW NE
2 S	1 W	WM	9	SE NE
2 S	1 W	WM	9	NE NW
2 S	1 W	WM	9	SE NW
2 S	1 W	WM	9	NE SE
2 S	1 W	WM	9	NW SE
2 S	1 W	WM	9	SW SE
2 S	1 W	WM	9	SE SE
2 S	1 W	WM	10	ALL
2 S	1 W	WM	11	ALL
2 S	1 W	WM	12	ALL
2 S	1 W	WM	13	SW NE
2 S	1 W	WM	13	SE NE
2 S	1 W	WM	13	NE NW
2 S	1 W	WM	13	NW NW
2 S	1 W	WM	13	SW NW
2 S	1 W	WM	13	NE SE
2 S	1 W	WM	13	NW SE
2 S	1 W	WM	13	SW SE
2 S	1 W	WM	13	SE SE
2 S	1 W	WM	14	NE NE
2 S	1 W	WM	14	NW NE
2 S	1 W	WM	14	SW NE
2 S	1 W	WM	14	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 S	1 W	WM	14	NE NW
2 S	1 W	WM	14	NW NW
2 S	1 W	WM	14	SE NW
2 S	1 W	WM	14	NE SW
2 S	1 W	WM	14	SE SW
2 S	1 W	WM	14	NE SE
2 S	1 W	WM	14	NW SE
2 S	1 W	WM	14	SW SE
2 S	1 W	WM	14	SE SE
2 S	1 W	WM	23	ALL
2 S	1 W	WM	24	ALL
2 S	1 W	WM	25	NE NW
2 S	1 W	WM	25	NW NW
2 S	1 W	WM	25	SW NW
2 S	1 W	WM	25	SE NW
2 S	1 W	WM	25	NW SW
2 S	1 W	WM	25	SW SW
2 S	1 W	WM	26	NE NE
2 S	1 W	WM	26	NW NE
2 S	1 W	WM	26	SW NE
2 S	1 W	WM	26	SE NE
2 S	1 W	WM	26	NE NW
2 S	1 W	WM	26	SE NW
2 S	1 W	WM	26	NE SW
2 S	1 W	WM	26	NE SE
2 S	1 W	WM	26	NW SE
2 S	1 W	WM	36	NW NW

map is correct w/it

3. Permit Amendment Application T-10489 proposes an additional point of appropriation located:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	23	SW NW	WELL L-67558 - 730 FEET NORTH AND 920 FEET EAST FROM THE E $\frac{1}{4}$ CORNER OF SECTION 23

4. The applicant also is expanding their conceptual well fields to include lands within:

Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	14	NE SE
1 N	2 E	WM	14	NW SE
1 N	2 E	WM	14	SW SE
1 N	2 E	WM	14	SE SE
1 N	2 E	WM	15	NE SE
1 N	2 E	WM	15	NW SE
1 N	2 E	WM	15	SW SE
1 N	2 E	WM	15	SE SE
1 N	2 E	WM	22	NE NE
1 N	2 E	WM	22	NW NE
1 N	2 E	WM	22	SW NE

Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	22	SE NE
1 N	2 E	WM	23	NE NE
1 N	2 E	WM	23	NW NE
1 N	2 E	WM	23	SW NE
1 N	2 E	WM	23	SE NE
1 N	2 E	WM	23	NE NW
1 N	2 E	WM	23	NW NW
1 N	2 E	WM	23	SW NW
1 N	2 E	WM	23	SE NW
1 N	2 E	WM	23	NE SW
1 N	2 E	WM	23	NW SW
1 N	2 E	WM	23	SW SW
1 N	2 E	WM	23	SE SW

5. Notice of the application for the permit amendment was published in the Department's weekly notice on December 11, 2007, and in the Oregonian newspaper on October 26, November 2 and 9, 2009, pursuant to ORS 540.520(5). No comments were filed in response to the notices.

Permit Amendment Review Criteria

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

Conclusions of Law

The additional point of appropriation proposed by Permit Amendment Application T-10489 is consistent with the requirements of ORS 537.211.

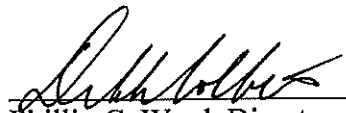
Now, therefore, it is ORDERED:

The change and subsequent use of water shall be subject to the following conditions:

1. The combined quantity of water diverted at the proposed point of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
2. 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.
3. Water shall be acquired from the same aquifer as the original points of appropriation.
4. All other terms and conditions of Permit G-8755 remain the same.

5. Permit G-8755, in the name of CITY OF PORTLAND is amended as described herein.

Dated at Salem, Oregon this 7th day of December, 2009.



Phillip C. Ward, Director *PCW*

Mailing Date: DEC 14 2009

Any questions or comments, please contact Sherrri Camarillo at 503.259.1103.

Notice of Permit Amendment T-10489

T-10489 filed by Portland Water Bureau, Attn: Thom Warren, 1120 SW 5th Room 500, Portland, Oregon 97204-1926, proposes an additional point of appropriation under Permit G-8755. The permit allows the use of 390.0 cubic feet per second (priority date November 12, 1976) from 30 wells in Sects. 10, 13, 14, 15, 16 and 24, T 1 N, R 2 E, W.M. and Sects. 19, 20, and 21, T 1 N, R 3 E, W.M. (Columbia River Basin) for emergency and supplemental water supply for the Portland Municipal Water System. The applicant proposes an additional point of appropriation within Sec. 23, T 1 N, R 2 E, W.M. The Water Resources Department has concluded that the proposed permit amendment appears to be consistent with the requirements of ORS 537.211.

The last date of newspaper publication is November 3, 2009.

The Oregonian

ESTABLISHED 1850

1320 S.W. BROADWAY PORTLAND, OREGON 97201-3499

NOV 3 0 2009
 RECEIVED
 WATER RESOURCES DEPT
 SALEM, OREGON

Affidavit of Publication

I, M. Harris duly sworn depose and say that I am the Principal Clerk Of The Publisher of The Oregonian, a newspaper of general circulation, as defined by ORS 193.010 and 193.020, published in the City of Portland, in Multnomah County, Oregon; that the advertisement, a printed copy of which is here to attached, was published without interruption in the entire and regular issue of the Oregonian or the issue on the following dates: 10.26.09, 11.02.09, and 11/9.09

M. Harris

Principal Clerk of The Publisher:

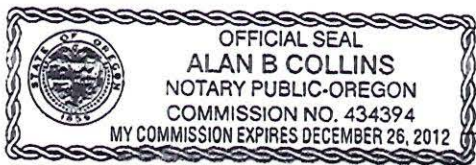
11/24/9

Subscribed and sworn to before me this date:

Alan B. Collins

Notary Public for Oregon

Ad 2873050





Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

October 19, 2009

Portland Water Bureau
Attn Thom Warren
1120 SW 5th Room 500
Portland, Oregon 97204-1926

Reference: Permit Amendment Application T-10489

Please find enclosed a permit amendment notice which must be published in a local newspaper in the general area of the permit. The notice must be published at least once a week for three consecutive weeks. Please have the newspaper insert the date of last publication in the proper place.

After publication, the Department needs to receive an **affidavit of publication** specifying the dates the notice was published. Please have the newspaper prepare and mail an original affidavit of publication to me, at the address above, by **December 11, 2009**.

Also enclosed is a draft of the final order for the approval of the permit amendment. If you any questions about the draft final order, please let me know. The copy of the draft order does not need to be published.

Upon receipt of the affidavit, processing will continue on the permit amendment application.

Please do not hesitate to contact me at 503-986-0886 or Patrick.K.Starnes@wrdd.state.or.us if I may be of assistance.

Sincerely,

Kelly Starnes
Permit Amendment Specialist

enc

cc: Permit Amendment T-10489
Sabrina M. White, District 20 Watermaster

Notice of Permit Amendment T-10489

T-10489 filed by Portland Water Bureau, Attn Thom Warren, 1120 SW 5th Room 500, Portland, Oregon 97204-1926, proposes an additional point of appropriation under Permit G-8755. The permit allows the use of 390.0 cubic feet per second (priority date November 12, 1976) from 30 wells in Sects. 10, 13, 14, 15, 16, and 24, T 1 N, R 2 E, W.M. and Sects. 19, 20, and 21, T 1 N, R 3 E, W.M. (Columbia River Basin) for emergency and supplemental water supply for the Portland Municipal Water System. The applicant proposes an additional point of appropriation within Sec. 23, T 1 N, R 2 E, W.M. The Water Resources Department has concluded that the proposed permit amendment appears to be consistent with the requirements of ORS 537.211.

The last date of newspaper publication is [DATE OF LAST PUBLICATION].

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	16	SW NE	WEST WELL FIELD WELL 1 - 2250 FEET SOUTH AND 1650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	16	NE SE	WEST WELL FIELD WELL 2 - 2100 FEET NORTH AND 650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	15	NW SW	WEST WELL FIELD WELL 3 - 2050 FEET NORTH AND 550 FEET EAST FROM THE SW CORNER OF SECTION 15
1 N	2 E	WM	15	NE SW	WEST WELL FIELD WELL 4 - 3150 FEET SOUTH AND 2050 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	15	NW SE	WEST WELL FIELD WELL 5 - 3400 FEET SOUTH AND 1650 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	10	SW SW	WEST WELL FIELD WELL 6 - 650 FEET NORTH AND 150 FEET EAST FROM THE SW CORNER OF SECTION 10
1 N	2 E	WM	15	SE NE	WEST WELL FIELD WELL 7 - 2550 FEET SOUTH AND 850 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	16	SW NE	WEST WELL FIELD WELL 8 - 2250 FEET SOUTH AND 1650 FEET WEST FROM NE CORNER OF SECTION 16
1 N	2 E	WM	15	NW SW	WEST WELL FIELD WELL 9 - 2050 FEET NORTH AND 550 FEET EAST FROM THE SW CORNER OF SECTION 15
1 N	2 E	WM	15	SE SW	WEST WELL FIELD WELL 10 - 1150 FEET NORTH AND 2700 FEET WEST FROM THE SE CORNER OF SECTION 15
1 N	2 E	WM	10	SW SW	WEST WELL FIELD WELL 11 - 650 FEET NORTH AND 150 FEET EAST FROM THE SW CORNER OF SECTION 10
1 N	2 E	WM	15	NE NW	WEST WELL FIELD WELL 12 - 450 FEET SOUTH AND 1500 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	15	SE NE	WEST WELL FIELD WELL 13 - 2550 FEET SOUTH AND 850 FEET WEST FROM THE NE CORNER OF SECTION 15
1 N	2 E	WM	15	SW NW	WEST WELL FIELD WELL 14 - 1650 FEET SOUTH AND 700 FEET EAST FROM THE NW CORNER OF SECTION 15
1 N	2 E	WM	14	SE SE	EAST WELL FIELD WELL 1 - 400 FEET NORTH AND 6000 FEET WEST FROM THE SE CORNER OF SECTION 13, T 1 N, R 2 E, W.M.
1 N	2 E	WM	13	SW SW	EAST WELL FIELD WELL 2 - 150 FEET NORTH AND 4000 FEET WEST FROM THE SE CORNER OF SECTION 13
1 N	2 E	WM	24	SE NW	EAST WELL FIELD WELL 3 - 1750 FEET SOUTH AND 3550 FEET WEST FROM THE NE CORNER OF SECTION 24

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	24	NW SW	EAST WELL FIELD WELL 4 - 3300 FEET SOUTH AND 4500 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	2 E	WM	24	NE NE	EAST WELL FIELD WELL 5 - 500 FEET SOUTH AND 1350 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	2 E	WM	24	SE NE	EAST WELL FIELD WELL 6 - 2200 FEET SOUTH AND 1250 FEET WEST FROM THE NE CORNER OF SECTION 24
1 N	3 E	WM	19	NW NW	EAST WELL FIELD WELL 7 - 700 FEET SOUTH AND 150 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	SW NW	EAST WELL FIELD WELL 8 - 2500 FEET SOUTH AND 200 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	NE NW	EAST WELL FIELD WELL 9 - 850 FEET SOUTH AND 1650 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	SE NW	EAST WELL FIELD WELL 10 - 2450 FEET SOUTH AND 1650 FEET EAST FROM THE NW CORNER OF SECTION 19
1 N	3 E	WM	19	NW NE	EAST WELL FIELD WELL 11 - 1300 FEET SOUTH AND 1450 FEET WEST FROM THE NE CORNER OF SECTION 19
1 N	3 E	WM	20	SW SW	EAST WELL FIELD WELL 12 - 4050 FEET SOUTH AND 850 FEET EAST FROM THE NW CORNER OF SECTION 20
1 N	3 E	WM	20	NE NW	EAST WELL FIELD WELL 13 - 1300 FEET SOUTH AND 1550 FEET EAST FROM THE NW CORNER OF SECTION 20
1 N	3 E	WM	20	SE NE	EAST WELL FIELD WELL 14 - 1700 FEET SOUTH AND 1100 FEET WEST FROM THE NE CORNER OF SECTION 20
1 N	3 E	WM	21	NE NW	EAST WELL FIELD WELL 15 - 1000 FEET SOUTH AND 2300 FEET EAST FROM THE NW CORNER OF SECTION 21
1 N	3 E	WM	21	SW NE	EAST WELL FIELD WELL 16 - 1400 FEET SOUTH AND 3300 FEET EAST FROM THE NW CORNER OF SECTION 21

Authorized place of use

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	1	ALL
1 N	1 E	WM	2	SW NE
1 N	1 E	WM	2	SE NE
1 N	1 E	WM	2	SW NW
1 N	1 E	WM	2	SE NW
1 N	1 E	WM	2	NE SW
1 N	1 E	WM	2	NW SW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	2	SW SW
1 N	1 E	WM	2	SE SW
1 N	1 E	WM	2	NE SE
1 N	1 E	WM	2	NW SE
1 N	1 E	WM	2	SW SE
1 N	1 E	WM	2	SE SE
1 N	1 E	WM	3	ALL
1 N	1 E	WM	4	ALL
1 N	1 E	WM	5	ALL
1 N	1 E	WM	6	ALL
1 N	1 E	WM	7	ALL
1 N	1 E	WM	8	ALL
1 N	1 E	WM	9	ALL
1 N	1 E	WM	10	ALL
1 N	1 E	WM	11	ALL
1 N	1 E	WM	12	ALL
1 N	1 E	WM	13	ALL
1 N	1 E	WM	14	ALL
1 N	1 E	WM	15	ALL
1 N	1 E	WM	16	ALL
1 N	1 E	WM	17	ALL
1 N	1 E	WM	18	ALL
1 N	1 E	WM	19	ALL
1 N	1 E	WM	20	ALL
1 N	1 E	WM	21	ALL
1 N	1 E	WM	22	ALL
1 N	1 E	WM	23	ALL
1 N	1 E	WM	24	ALL
1 N	1 E	WM	25	ALL
1 N	1 E	WM	26	ALL
1 N	1 E	WM	27	ALL
1 N	1 E	WM	28	ALL
1 N	1 E	WM	29	ALL
1 N	1 E	WM	30	NE NE
1 N	1 E	WM	30	NW NE
1 N	1 E	WM	30	SW NE
1 N	1 E	WM	30	SE NE
1 N	1 E	WM	30	NE NW
1 N	1 E	WM	30	SW NW
1 N	1 E	WM	30	SE NW
1 N	1 E	WM	30	NE SW
1 N	1 E	WM	30	NE SW
1 N	1 E	WM	30	NW SW
1 N	1 E	WM	30	SW SW
1 N	1 E	WM	30	SE SW
1 N	1 E	WM	30	NE SE
1 N	1 E	WM	30	NW SE
1 N	1 E	WM	30	SW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 E	WM	30	SE SE
1 N	1 E	WM	31	SW NE
1 N	1 E	WM	31	SE NE
1 N	1 E	WM	31	NE NW
1 N	1 E	WM	31	NW NW
1 N	1 E	WM	31	SW NW
1 N	1 E	WM	31	SE NW
1 N	1 E	WM	31	NE SW
1 N	1 E	WM	31	NW SW
1 N	1 E	WM	31	SW SW
1 N	1 E	WM	31	SE SW
1 N	1 E	WM	31	NE SE
1 N	1 E	WM	31	NW SE
1 N	1 E	WM	31	SW SE
1 N	1 E	WM	31	SE SE
1 N	1 E	WM	32	NE NE
1 N	1 E	WM	32	NW NE
1 N	1 E	WM	32	SW NE
1 N	1 E	WM	32	SE NE
1 N	1 E	WM	32	NE NW
1 N	1 E	WM	32	SW NW
1 N	1 E	WM	32	SE NW
1 N	1 E	WM	32	NE SW
1 N	1 E	WM	32	NW SW
1 N	1 E	WM	32	SW SW
1 N	1 E	WM	32	SE SW
1 N	1 E	WM	32	NE SE
1 N	1 E	WM	32	NW SE
1 N	1 E	WM	32	SW SE
1 N	1 E	WM	32	SE SE
1 N	1 E	WM	33	ALL
1 N	1 E	WM	34	ALL
1 N	1 E	WM	35	ALL
1 N	1 E	WM	36	ALL
1 N	1 W	WM	1	ALL
1 N	1 W	WM	2	ALL
1 N	1 W	WM	3	ALL
1 N	1 W	WM	4	NE NE
1 N	1 W	WM	4	SW NE
1 N	1 W	WM	4	SE NE
1 N	1 W	WM	4	NW NW
1 N	1 W	WM	4	SW NW
1 N	1 W	WM	4	SE NW
1 N	1 W	WM	4	NE SW
1 N	1 W	WM	4	NW SW
1 N	1 W	WM	4	SW SW
1 N	1 W	WM	4	SE SW
1 N	1 W	WM	4	NE SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	4	NW SE
1 N	1 W	WM	4	SW SE
1 N	1 W	WM	4	SE SE
1 N	1 W	WM	5	NE NE
1 N	1 W	WM	5	NW NE
1 N	1 W	WM	5	SW NE
1 N	1 W	WM	5	SE NE
1 N	1 W	WM	5	NE SW
1 N	1 W	WM	5	NW SW
1 N	1 W	WM	5	SE SW
1 N	1 W	WM	5	NE SE
1 N	1 W	WM	5	NW SE
1 N	1 W	WM	5	SW SE
1 N	1 W	WM	5	SE SE
1 N	1 W	WM	6	NE SE
1 N	1 W	WM	6	SE SE
1 N	1 W	WM	9	NE NE
1 N	1 W	WM	9	SE NE
1 N	1 W	WM	10	NE NE
1 N	1 W	WM	10	NW NE
1 N	1 W	WM	10	SW NE
1 N	1 W	WM	10	SE NE
1 N	1 W	WM	10	NE NW
1 N	1 W	WM	10	NW NW
1 N	1 W	WM	10	SW NW
1 N	1 W	WM	10	SE NW
1 N	1 W	WM	10	NE SE
1 N	1 W	WM	10	NW SE
1 N	1 W	WM	10	SW SE
1 N	1 W	WM	10	SE SE
1 N	1 W	WM	11	ALL
1 N	1 W	WM	12	ALL
1 N	1 W	WM	13	ALL
1 N	1 W	WM	14	ALL
1 N	1 W	WM	15	NE NE
1 N	1 W	WM	15	SE NE
1 N	1 W	WM	15	NE SE
1 N	1 W	WM	15	SE SE
1 N	1 W	WM	18	SE NE
1 N	1 W	WM	18	NE SW
1 N	1 W	WM	18	SE SW
1 N	1 W	WM	18	NE SE
1 N	1 W	WM	18	NW SE
1 N	1 W	WM	18	SW SE
1 N	1 W	WM	18	SE SE
1 N	1 W	WM	19	NW NE
1 N	1 W	WM	19	SW NE
1 N	1 W	WM	19	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	19	NE NW
1 N	1 W	WM	19	SW NW
1 N	1 W	WM	19	SE NW
1 N	1 W	WM	19	NE SW
1 N	1 W	WM	19	NW SW
1 N	1 W	WM	19	SW SW
1 N	1 W	WM	19	SE SW
1 N	1 W	WM	19	NE SE
1 N	1 W	WM	19	NW SE
1 N	1 W	WM	19	SW SE
1 N	1 W	WM	19	SE SE
1 N	1 W	WM	20	SW NW
1 N	1 W	WM	20	NE SW
1 N	1 W	WM	20	NW SW
1 N	1 W	WM	20	SW SW
1 N	1 W	WM	20	SE SW
1 N	1 W	WM	20	NW SE
1 N	1 W	WM	20	SW SE
1 N	1 W	WM	21	NW SW
1 N	1 W	WM	21	SW SW
1 N	1 W	WM	23	ALL
1 N	1 W	WM	24	ALL
1 N	1 W	WM	25	ALL
1 N	1 W	WM	26	NE NE
1 N	1 W	WM	26	NW NE
1 N	1 W	WM	26	SW NE
1 N	1 W	WM	26	SE NE
1 N	1 W	WM	26	NW NW
1 N	1 W	WM	26	SW NW
1 N	1 W	WM	26	SE NW
1 N	1 W	WM	26	NE SW
1 N	1 W	WM	26	NW SW
1 N	1 W	WM	26	SW SW
1 N	1 W	WM	26	SE SW
1 N	1 W	WM	26	NE SE
1 N	1 W	WM	26	NW SE
1 N	1 W	WM	26	SW SE
1 N	1 W	WM	26	SE SE
1 N	1 W	WM	27	NE NE
1 N	1 W	WM	27	NW NE
1 N	1 W	WM	27	SW NE
1 N	1 W	WM	27	SE NE
1 N	1 W	WM	27	NE NW
1 N	1 W	WM	27	SE NW
1 N	1 W	WM	27	NE SW
1 N	1 W	WM	27	SE SW
1 N	1 W	WM	27	NE SE
1 N	1 W	WM	27	NW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	27	SW SE
1 N	1 W	WM	27	SE SE
1 N	1 W	WM	28	SW NE
1 N	1 W	WM	28	NE NW
1 N	1 W	WM	28	NW NW
1 N	1 W	WM	28	SW NW
1 N	1 W	WM	28	SE NW
1 N	1 W	WM	28	NE SW
1 N	1 W	WM	28	NW SW
1 N	1 W	WM	28	SW SW
1 N	1 W	WM	28	SE SW
1 N	1 W	WM	28	NW SE
1 N	1 W	WM	28	SW SE
1 N	1 W	WM	28	SE SE
1 N	1 W	WM	29	ALL
1 N	1 W	WM	30	NE NE
1 N	1 W	WM	30	NW NE
1 N	1 W	WM	30	SW NE
1 N	1 W	WM	30	SE NE
1 N	1 W	WM	30	NE NW
1 N	1 W	WM	30	NW NW
1 N	1 W	WM	30	SW NW
1 N	1 W	WM	30	SE NW
1 N	1 W	WM	30	NE SW
1 N	1 W	WM	30	SE SW
1 N	1 W	WM	30	NE SE
1 N	1 W	WM	30	NW SE
1 N	1 W	WM	30	SW SE
1 N	1 W	WM	30	SE SE
1 N	1 W	WM	31	NE NE
1 N	1 W	WM	31	NW NE
1 N	1 W	WM	31	SW NE
1 N	1 W	WM	31	SE NE
1 N	1 W	WM	31	NE NW
1 N	1 W	WM	31	NW NW
1 N	1 W	WM	31	SW NW
1 N	1 W	WM	31	SE NW
1 N	1 W	WM	31	NE SW
1 N	1 W	WM	31	NW SW
1 N	1 W	WM	31	SE SW
1 N	1 W	WM	31	NE SE
1 N	1 W	WM	31	NW SE
1 N	1 W	WM	31	SW SE
1 N	1 W	WM	31	SE SE
1 N	1 W	WM	32	ALL
1 N	1 W	WM	33	ALL
1 N	1 W	WM	34	ALL
1 N	1 W	WM	35	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	1 W	WM	36	ALL
1 N	2 E	WM	4	SW SW
1 N	2 E	WM	5	NW NW
1 N	2 E	WM	5	SW NW
1 N	2 E	WM	5	SE NW
1 N	2 E	WM	5	NE SW
1 N	2 E	WM	5	NW SW
1 N	2 E	WM	5	SW SW
1 N	2 E	WM	5	SE SW
1 N	2 E	WM	5	NW SE
1 N	2 E	WM	5	SW SE
1 N	2 E	WM	5	SE SE
1 N	2 E	WM	6	ALL
1 N	2 E	WM	7	ALL
1 N	2 E	WM	8	ALL
1 N	2 E	WM	9	SW NE
1 N	2 E	WM	9	NE NW
1 N	2 E	WM	9	NW NW
1 N	2 E	WM	9	SW NW
1 N	2 E	WM	9	SE NW
1 N	2 E	WM	9	NE SW
1 N	2 E	WM	9	NW SW
1 N	2 E	WM	9	SW SW
1 N	2 E	WM	9	SE SW
1 N	2 E	WM	9	NE SE
1 N	2 E	WM	9	NW SE
1 N	2 E	WM	9	SW SE
1 N	2 E	WM	9	SE SE
1 N	2 E	WM	10	NW SW
1 N	2 E	WM	10	SW SW
1 N	2 E	WM	10	SE SW
1 N	2 E	WM	13	SW SW
1 N	2 E	WM	13	SE SW
1 N	2 E	WM	13	SW SE
1 N	2 E	WM	13	SE SE
1 N	2 E	WM	14	SW NW
1 N	2 E	WM	14	NE SW
1 N	2 E	WM	14	NW SW
1 N	2 E	WM	14	SW SW
1 N	2 E	WM	14	SE SW
1 N	2 E	WM	14	NE SE
1 N	2 E	WM	14	NW SE
1 N	2 E	WM	14	SW SE
1 N	2 E	WM	14	SE SE
1 N	2 E	WM	15	NW NE
1 N	2 E	WM	15	SW NE
1 N	2 E	WM	15	SE NE
1 N	2 E	WM	15	NE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	15	NW NW
1 N	2 E	WM	15	SW NW
1 N	2 E	WM	15	SE NW
1 N	2 E	WM	15	NE SW
1 N	2 E	WM	15	NW SW
1 N	2 E	WM	15	SW SW
1 N	2 E	WM	15	SE SW
1 N	2 E	WM	15	NE SE
1 N	2 E	WM	15	NW SE
1 N	2 E	WM	15	SW SE
1 N	2 E	WM	15	SE SE
1 N	2 E	WM	16	ALL
1 N	2 E	WM	17	ALL
1 N	2 E	WM	18	ALL
1 N	2 E	WM	19	ALL
1 N	2 E	WM	20	ALL
1 N	2 E	WM	21	ALL
1 N	2 E	WM	22	ALL
1 N	2 E	WM	23	ALL
1 N	2 E	WM	24	ALL
1 N	2 E	WM	25	ALL
1 N	2 E	WM	26	ALL
1 N	2 E	WM	27	ALL
1 N	2 E	WM	28	ALL
1 N	2 E	WM	29	ALL
1 N	2 E	WM	30	ALL
1 N	2 E	WM	31	ALL
1 N	2 E	WM	32	ALL
1 N	2 E	WM	33	ALL
1 N	2 E	WM	34	ALL
1 N	2 E	WM	35	ALL
1 N	2 E	WM	36	ALL
1 N	2 W	WM	13	ALL
1 N	2 W	WM	14	NE NE
1 N	2 W	WM	14	SW NE
1 N	2 W	WM	14	SE NE
1 N	2 W	WM	14	NE NW
1 N	2 W	WM	14	NW NW
1 N	2 W	WM	14	SW NW
1 N	2 W	WM	14	SE NW
1 N	2 W	WM	14	NE SE
1 N	2 W	WM	23	NE NE
1 N	2 W	WM	23	SW NE
1 N	2 W	WM	23	SE NE
1 N	2 W	WM	23	NE NW
1 N	2 W	WM	23	NW NW
1 N	2 W	WM	23	SW NW
1 N	2 W	WM	23	SE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 W	WM	23	NE SE
1 N	2 W	WM	23	NW SE
1 N	2 W	WM	24	SW NE
1 N	2 W	WM	24	SE NE
1 N	2 W	WM	24	NE NW
1 N	2 W	WM	24	NW NW
1 N	2 W	WM	24	SW NW
1 N	2 W	WM	24	SE NW
1 N	2 W	WM	24	NE SW
1 N	2 W	WM	24	NW SW
1 N	2 W	WM	24	SW SW
1 N	2 W	WM	24	SE SW
1 N	2 W	WM	24	NE SE
1 N	2 W	WM	24	NW SE
1 N	2 W	WM	24	SW SE
1 N	2 W	WM	24	SE SE
1 N	2 W	WM	25	NE NE
1 N	2 W	WM	25	NW NE
1 N	2 W	WM	25	NE SW
1 N	2 W	WM	25	NW SW
1 N	2 W	WM	25	SW SW
1 N	2 W	WM	25	SE SW
1 N	2 W	WM	25	NE SE
1 N	2 W	WM	25	NW SE
1 N	2 W	WM	25	SW SE
1 N	2 W	WM	25	SE SE
1 N	2 W	WM	26	SW NE
1 N	2 W	WM	26	SE NE
1 N	2 W	WM	26	NE SE
1 N	2 W	WM	26	NW SE
1 N	2 W	WM	26	SW SE
1 N	2 W	WM	26	SE SE
1 N	2 W	WM	34	SE NE
1 N	2 W	WM	34	NE SE
1 N	2 W	WM	34	SE SE
1 N	2 W	WM	35	NE NE
1 N	2 W	WM	35	NW NE
1 N	2 W	WM	35	SW NE
1 N	2 W	WM	35	SE NE
1 N	2 W	WM	35	SW NW
1 N	2 W	WM	35	SE NW
1 N	2 W	WM	35	NE SW
1 N	2 W	WM	35	NW SW
1 N	2 W	WM	35	SW SW
1 N	2 W	WM	35	SE SW
1 N	2 W	WM	35	NE SE
1 N	2 W	WM	35	NW SE
1 N	2 W	WM	35	SW SE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 N	2 W	WM	35	SE SE
1 N	2 W	WM	36	NE NE
1 N	2 W	WM	36	NW NE
1 N	2 W	WM	36	SW NE
1 N	2 W	WM	36	SE NE
1 N	2 W	WM	36	NE NW
1 N	2 W	WM	36	NW NW
1 N	2 W	WM	36	SW NW
1 N	2 W	WM	36	SE NW
1 N	2 W	WM	36	NE SW
1 N	2 W	WM	36	NW SW
1 N	2 W	WM	36	SW SW
1 N	2 W	WM	36	NE SE
1 N	2 W	WM	36	NW SE
1 N	3 E	WM	19	ALL
1 N	3 E	WM	20	NE NW
1 N	3 E	WM	20	NW NW
1 N	3 E	WM	20	SW NW
1 N	3 E	WM	20	SE NW
1 N	3 E	WM	20	NE SW
1 N	3 E	WM	20	NW SW
1 N	3 E	WM	20	SW SW
1 N	3 E	WM	20	SE SW
1 N	3 E	WM	28	NE SW
1 N	3 E	WM	28	NW SW
1 N	3 E	WM	28	SW SW
1 N	3 E	WM	28	SE SW
1 N	3 E	WM	29	ALL
1 N	3 E	WM	30	ALL
1 N	3 E	WM	31	ALL
1 N	3 E	WM	32	ALL
1 N	3 E	WM	33	SW NE
1 N	3 E	WM	33	SE NE
1 N	3 E	WM	33	NE NW
1 N	3 E	WM	33	NW NW
1 N	3 E	WM	33	SW NW
1 N	3 E	WM	33	SE NW
1 N	3 E	WM	33	NE SW
1 N	3 E	WM	33	NW SW
1 N	3 E	WM	33	SW SW
1 N	3 E	WM	33	SE SW
1 N	3 E	WM	33	NE SE
1 N	3 E	WM	33	NW SE
1 N	3 E	WM	33	SW SE
1 N	3 E	WM	33	SE SE
1 N	3 E	WM	34	SW NW
1 N	3 E	WM	34	NW SW
1 N	3 E	WM	34	SW SW

EMERGENCY AND SUPPLEMENTAL
WATER SUPPLY FOR THE PORTLAND
MUNICIPAL WATER SYSTEM

Twp	Rng	Mer	Sec	Q-Q
1 N	3 E	WM	34	SE SW
1 N	3 E	WM	34	SW SE
1 N	3 E	WM	34	SE SE
1 N	3 E	WM	35	NW SW
1 N	3 E	WM	35	SW SW
1 S	1 E	WM	1	ALL
1 S	1 E	WM	2	ALL
1 S	1 E	WM	3	ALL
1 S	1 E	WM	4	ALL
1 S	1 E	WM	5	ALL
1 S	1 E	WM	6	ALL
1 S	1 E	WM	7	ALL
1 S	1 E	WM	8	ALL
1 S	1 E	WM	9	ALL
1 S	1 E	WM	10	ALL
1 S	1 E	WM	11	ALL
1 S	1 E	WM	12	ALL
1 S	1 E	WM	13	ALL
1 S	1 E	WM	14	ALL
1 S	1 E	WM	15	ALL
1 S	1 E	WM	16	ALL
1 S	1 E	WM	17	ALL
1 S	1 E	WM	18	ALL
1 S	1 E	WM	19	ALL
1 S	1 E	WM	20	ALL
1 S	1 E	WM	21	ALL
1 S	1 E	WM	22	ALL
1 S	1 E	WM	23	ALL
1 S	1 E	WM	24	ALL
1 S	1 E	WM	25	NE NE
1 S	1 E	WM	25	NW NW
1 S	1 E	WM	26	NE NE
1 S	1 E	WM	26	NW NE
1 S	1 E	WM	26	SW NE
1 S	1 E	WM	26	SE NE
1 S	1 E	WM	26	NE NW
1 S	1 E	WM	26	NW NW
1 S	1 E	WM	26	SW NW
1 S	1 E	WM	26	SE NW
1 S	1 E	WM	26	NW SW
1 S	1 E	WM	26	SW SW
1 S	1 E	WM	27	ALL
1 S	1 E	WM	28	ALL
1 S	1 E	WM	29	ALL
1 S	1 E	WM	30	ALL
1 S	1 E	WM	31	ALL
1 S	1 E	WM	32	NE NE
1 S	1 E	WM	32	NW NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 E	WM	32	SW NE
1 S	1 E	WM	32	SE NE
1 S	1 E	WM	32	NE NW
1 S	1 E	WM	32	NW NW
1 S	1 E	WM	32	SW NW
1 S	1 E	WM	32	SE NW
1 S	1 E	WM	32	NE SE
1 S	1 E	WM	32	NW SE
1 S	1 E	WM	32	SW SE
1 S	1 E	WM	32	SE SE
1 S	1 E	WM	33	ALL
1 S	1 E	WM	34	ALL
1 S	1 E	WM	35	NW NE
1 S	1 E	WM	35	SW NE
1 S	1 E	WM	35	NE NW
1 S	1 E	WM	35	NW NW
1 S	1 E	WM	35	SW NW
1 S	1 E	WM	35	SE NW
1 S	1 E	WM	35	NE SW
1 S	1 E	WM	35	NW SW
1 S	1 E	WM	35	SW SW
1 S	1 E	WM	35	SE SW
1 S	1 E	WM	35	NW SE
1 S	1 E	WM	35	SW SE
1 S	1 W	WM	1	ALL
1 S	1 W	WM	2	ALL
1 S	1 W	WM	3	ALL
1 S	1 W	WM	4	ALL
1 S	1 W	WM	5	ALL
1 S	1 W	WM	6	ALL
1 S	1 W	WM	7	ALL
1 S	1 W	WM	8	ALL
1 S	1 W	WM	9	ALL
1 S	1 W	WM	10	ALL
1 S	1 W	WM	11	ALL
1 S	1 W	WM	12	ALL
1 S	1 W	WM	13	ALL
1 S	1 W	WM	14	ALL
1 S	1 W	WM	15	ALL
1 S	1 W	WM	16	ALL
1 S	1 W	WM	17	NE NE
1 S	1 W	WM	17	NW NE
1 S	1 W	WM	17	SW NE
1 S	1 W	WM	17	SE NE
1 S	1 W	WM	17	NE NW
1 S	1 W	WM	17	NW NW
1 S	1 W	WM	17	SW NW
1 S	1 W	WM	17	SE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 W	WM	17	NE SW
1 S	1 W	WM	17	NW SW
1 S	1 W	WM	17	SW SW
1 S	1 W	WM	17	NE SE
1 S	1 W	WM	17	NW SE
1 S	1 W	WM	17	SW SE
1 S	1 W	WM	17	SE SE
1 S	1 W	WM	18	ALL
1 S	1 W	WM	19	NE NE
1 S	1 W	WM	19	NW NE
1 S	1 W	WM	19	SW NE
1 S	1 W	WM	19	SE NE
1 S	1 W	WM	19	NE NW
1 S	1 W	WM	19	NW NW
1 S	1 W	WM	19	SW NW
1 S	1 W	WM	19	SE NW
1 S	1 W	WM	19	NE SW
1 S	1 W	WM	19	NW SW
1 S	1 W	WM	19	SW SW
1 S	1 W	WM	19	SE SW
1 S	1 W	WM	19	NE SE
1 S	1 W	WM	19	NW SE
1 S	1 W	WM	19	SW SE
1 S	1 W	WM	20	NE NE
1 S	1 W	WM	20	NW NE
1 S	1 W	WM	20	SW NE
1 S	1 W	WM	20	SE NE
1 S	1 W	WM	20	SW NW
1 S	1 W	WM	20	NE SW
1 S	1 W	WM	20	NW SW
1 S	1 W	WM	20	SW SW
1 S	1 W	WM	20	SE SW
1 S	1 W	WM	20	NE SE
1 S	1 W	WM	20	NW SE
1 S	1 W	WM	20	SW SE
1 S	1 W	WM	20	SE SE
1 S	1 W	WM	21	ALL
1 S	1 W	WM	22	ALL
1 S	1 W	WM	23	ALL
1 S	1 W	WM	24	ALL
1 S	1 W	WM	25	ALL
1 S	1 W	WM	26	ALL
1 S	1 W	WM	27	ALL
1 S	1 W	WM	28	NE NE
1 S	1 W	WM	28	NW NE
1 S	1 W	WM	28	SW NE
1 S	1 W	WM	28	SE NE
1 S	1 W	WM	28	NE NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	1 W	WM	28	SE NW
1 S	1 W	WM	28	NE SW
1 S	1 W	WM	28	SE SW
1 S	1 W	WM	28	NE SE
1 S	1 W	WM	28	NW SE
1 S	1 W	WM	28	SW SE
1 S	1 W	WM	28	SE SE
1 S	1 W	WM	29	NE NE
1 S	1 W	WM	29	NW NE
1 S	1 W	WM	29	NE NW
1 S	1 W	WM	29	NW NW
1 S	1 W	WM	29	NE SW
1 S	1 W	WM	29	NW SW
1 S	1 W	WM	29	SW SW
1 S	1 W	WM	29	SE SW
1 S	1 W	WM	29	NE SE
1 S	1 W	WM	29	NW SE
1 S	1 W	WM	29	SW SE
1 S	1 W	WM	29	SE SE
1 S	1 W	WM	30	ALL
1 S	1 W	WM	33	NE NE
1 S	1 W	WM	33	NW NE
1 S	1 W	WM	33	SW NE
1 S	1 W	WM	33	NE NW
1 S	1 W	WM	33	SW SE
1 S	1 W	WM	33	SE SE
1 S	1 W	WM	34	NE NE
1 S	1 W	WM	34	NW NE
1 S	1 W	WM	34	SW NE
1 S	1 W	WM	34	SE NE
1 S	1 W	WM	34	NE NW
1 S	1 W	WM	34	NW NW
1 S	1 W	WM	34	NE SW
1 S	1 W	WM	34	SW SW
1 S	1 W	WM	34	SE SW
1 S	1 W	WM	34	NE SE
1 S	1 W	WM	34	NW SE
1 S	1 W	WM	34	SW SE
1 S	1 W	WM	34	SE SE
1 S	1 W	WM	35	ALL
1 S	1 W	WM	36	ALL
1 S	2 E	WM	1	ALL
1 S	2 E	WM	2	ALL
1 S	2 E	WM	3	ALL
1 S	2 E	WM	4	ALL
1 S	2 E	WM	5	ALL
1 S	2 E	WM	6	ALL
1 S	2 E	WM	7	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	2 E	WM	8	ALL
1 S	2 E	WM	9	ALL
1 S	2 E	WM	10	ALL
1 S	2 E	WM	11	ALL
1 S	2 E	WM	12	ALL
1 S	2 E	WM	13	ALL
1 S	2 E	WM	14	ALL
1 S	2 E	WM	15	ALL
1 S	2 E	WM	16	ALL
1 S	2 E	WM	17	ALL
1 S	2 E	WM	18	ALL
1 S	2 E	WM	19	ALL
1 S	2 E	WM	20	ALL
1 S	2 E	WM	21	ALL
1 S	2 E	WM	22	ALL
1 S	2 E	WM	23	ALL
1 S	2 E	WM	24	ALL
1 S	2 E	WM	25	NE NE
1 S	2 E	WM	25	SE NE
1 S	2 E	WM	25	NE NW
1 S	2 E	WM	25	NW NW
1 S	2 E	WM	25	NE SE
1 S	2 E	WM	26	NE NE
1 S	2 E	WM	26	NW NE
1 S	2 E	WM	26	NE NW
1 S	2 E	WM	26	NW NW
1 S	2 E	WM	26	SW NW
1 S	2 E	WM	26	SE NW
1 S	2 E	WM	27	NE NE
1 S	2 E	WM	27	NW NE
1 S	2 E	WM	27	SE NE
1 S	2 E	WM	28	NW NE
1 S	2 E	WM	29	NW NW
1 S	2 E	WM	29	SW NW
1 S	2 E	WM	29	NW SW
1 S	2 E	WM	29	SW SW
1 S	2 E	WM	30	NE NE
1 S	2 E	WM	30	NW NE
1 S	2 E	WM	30	SW NE
1 S	2 E	WM	30	SE NE
1 S	2 E	WM	30	NE SE
1 S	2 E	WM	30	NW SE
1 S	2 E	WM	30	SW SE
1 S	2 E	WM	30	SE SE
1 S	2 W	WM	1	SW NE
1 S	2 W	WM	1	SW NW
1 S	2 W	WM	1	SE NW
1 S	2 W	WM	1	NE SW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	2 W	WM	1	NW SW
1 S	2 W	WM	1	SW SW
1 S	2 W	WM	1	SE SW
1 S	2 W	WM	1	NE SE
1 S	2 W	WM	1	NW SE
1 S	2 W	WM	1	SW SE
1 S	2 W	WM	1	SE SE
1 S	2 W	WM	2	NE SW
1 S	2 W	WM	2	NE SE
1 S	2 W	WM	2	NW SE
1 S	2 W	WM	2	SW SE
1 S	2 W	WM	2	SE SE
1 S	2 W	WM	10	NE NE
1 S	2 W	WM	10	NW NE
1 S	2 W	WM	11	NE NE
1 S	2 W	WM	11	NW NE
1 S	2 W	WM	11	SW NE
1 S	2 W	WM	11	SE NE
1 S	2 W	WM	11	NE NW
1 S	2 W	WM	11	NW NW
1 S	2 W	WM	11	SW NW
1 S	2 W	WM	11	SE NW
1 S	2 W	WM	12	ALL
1 S	2 W	WM	13	ALL
1 S	2 W	WM	14	NE SE
1 S	2 W	WM	14	SE SE
1 S	2 W	WM	23	NE NE
1 S	2 W	WM	23	SE NE
1 S	2 W	WM	23	NE SE
1 S	2 W	WM	24	ALL
1 S	2 W	WM	25	NE NE
1 S	2 W	WM	25	NW NE
1 S	2 W	WM	25	SW NE
1 S	2 W	WM	25	SE NE
1 S	2 W	WM	25	NE NW
1 S	2 W	WM	25	NW NW
1 S	2 W	WM	25	SW NW
1 S	2 W	WM	25	SE NW
1 S	2 W	WM	25	NE SW
1 S	2 W	WM	25	NE SE
1 S	3 E	WM	1	NW NW
1 S	3 E	WM	1	SW NW
1 S	3 E	WM	1	NW SW
1 S	3 E	WM	1	SW SW
1 S	3 E	WM	2	ALL
1 S	3 E	WM	3	ALL
1 S	3 E	WM	4	ALL
1 S	3 E	WM	5	ALL

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	3 E	WM	6	ALL
1 S	3 E	WM	7	ALL
1 S	3 E	WM	8	ALL
1 S	3 E	WM	9	ALL
1 S	3 E	WM	10	ALL
1 S	3 E	WM	11	ALL
1 S	3 E	WM	12	NW NW
1 S	3 E	WM	12	SW NW
1 S	3 E	WM	12	NW SW
1 S	3 E	WM	12	SW SW
1 S	3 E	WM	14	NE NE
1 S	3 E	WM	14	NW NE
1 S	3 E	WM	14	NE NW
1 S	3 E	WM	14	NW NW
1 S	3 E	WM	14	SW NW
1 S	3 E	WM	14	SE NW
1 S	3 E	WM	14	NE SW
1 S	3 E	WM	14	NW SW
1 S	3 E	WM	14	SW SW
1 S	3 E	WM	14	SE SW
1 S	3 E	WM	14	NW SE
1 S	3 E	WM	14	SW SE
1 S	3 E	WM	15	ALL
1 S	3 E	WM	16	ALL
1 S	3 E	WM	17	ALL
1 S	3 E	WM	18	NE NE
1 S	3 E	WM	18	SW NE
1 S	3 E	WM	18	SE NE
1 S	3 E	WM	18	NW NW
1 S	3 E	WM	18	SW NW
1 S	3 E	WM	18	NW SW
1 S	3 E	WM	18	SW SW
1 S	3 E	WM	18	NE SE
1 S	3 E	WM	18	NW SE
1 S	3 E	WM	18	SE SE
1 S	3 E	WM	19	NW NW
1 S	3 E	WM	19	SW NW
1 S	3 E	WM	19	NW SW
1 S	3 E	WM	19	SW SW
1 S	3 E	WM	20	NE NE
1 S	3 E	WM	20	NW NE
1 S	3 E	WM	20	SW NE
1 S	3 E	WM	20	SE NE
1 S	3 E	WM	20	NE SE
1 S	3 E	WM	21	NE NE
1 S	3 E	WM	21	NW NE
1 S	3 E	WM	21	SW NE
1 S	3 E	WM	21	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
1 S	3 E	WM	21	NE NW
1 S	3 E	WM	21	NW NW
1 S	3 E	WM	21	SW NW
1 S	3 E	WM	21	SE NW
1 S	3 E	WM	21	NE SW
1 S	3 E	WM	21	NW SW
1 S	3 E	WM	21	NE SE
1 S	3 E	WM	21	NW SE
1 S	3 E	WM	21	SE SE
1 S	3 E	WM	22	NW NE
1 S	3 E	WM	22	NE NW
1 S	3 E	WM	22	NW NW
1 S	3 E	WM	22	SW NW
1 S	3 E	WM	22	SE NW
1 S	3 E	WM	22	NE SW
1 S	3 E	WM	22	NW SW
1 S	3 E	WM	22	SW SW
1 S	3 E	WM	22	SE SW
2 N	1 E	WM	19	SW SW
2 N	1 E	WM	29	SW SW
2 N	1 E	WM	29	SE SW
2 N	1 E	WM	30	SW NE
2 N	1 E	WM	30	NE NW
2 N	1 E	WM	30	NW NW
2 N	1 E	WM	30	SW NW
2 N	1 E	WM	30	SE NW
2 N	1 E	WM	30	NE SW
2 N	1 E	WM	30	NW SW
2 N	1 E	WM	30	SW SW
2 N	1 E	WM	30	SE SW
2 N	1 E	WM	30	NE SE
2 N	1 E	WM	30	NW SE
2 N	1 E	WM	30	SW SE
2 N	1 E	WM	30	SE SE
2 N	1 E	WM	31	ALL
2 N	1 E	WM	32	ALL
2 N	1 E	WM	33	NE SW
2 N	1 E	WM	33	NW SW
2 N	1 E	WM	33	SW SW
2 N	1 E	WM	33	SE SW
2 N	1 E	WM	33	SW SE
2 N	1 E	WM	33	SE SE
2 N	1 E	WM	34	SW SW
2 N	1 W	WM	17	SE SW
2 N	1 W	WM	18	NW SE
2 N	1 W	WM	18	SW SE
2 N	1 W	WM	18	SE SE
2 N	1 W	WM	19	NE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 N	1 W	WM	19	NW NE
2 N	1 W	WM	19	SE NE
2 N	1 W	WM	20	ALL
2 N	1 W	WM	21	NE NW
2 N	1 W	WM	21	NW NW
2 N	1 W	WM	21	SW NW
2 N	1 W	WM	21	SE NW
2 N	1 W	WM	21	NE SW
2 N	1 W	WM	21	NW SW
2 N	1 W	WM	21	SW SW
2 N	1 W	WM	21	SE SW
2 N	1 W	WM	23	SE SW
2 N	1 W	WM	23	NE SE
2 N	1 W	WM	23	NW SE
2 N	1 W	WM	23	SW SE
2 N	1 W	WM	23	SE SE
2 N	1 W	WM	24	ALL
2 N	1 W	WM	25	ALL
2 N	1 W	WM	26	ALL
2 N	1 W	WM	28	NW NE
2 N	1 W	WM	28	SW NE
2 N	1 W	WM	28	NE NW
2 N	1 W	WM	28	NW NW
2 N	1 W	WM	28	SW NW
2 N	1 W	WM	28	SE NW
2 N	1 W	WM	28	NE SW
2 N	1 W	WM	28	NE SE
2 N	1 W	WM	28	NW SE
2 N	1 W	WM	28	SW SE
2 N	1 W	WM	28	SE SE
2 N	1 W	WM	29	NE NE
2 N	1 W	WM	29	NW NE
2 N	1 W	WM	29	NE NW
2 N	1 W	WM	29	NW NW
2 N	1 W	WM	32	SW SE
2 N	1 W	WM	32	SE SE
2 N	1 W	WM	34	ALL
2 N	1 W	WM	35	ALL
2 N	1 W	WM	36	ALL
2 S	1 E	WM	6	NW NW
2 S	1 E	WM	6	SW NW
2 S	1 E	WM	6	NW SW
2 S	1 E	WM	6	SW SW
2 S	1 E	WM	7	NW NW
2 S	1 E	WM	7	SW NW
2 S	1 E	WM	7	NW SW
2 S	1 E	WM	19	NW NW
2 S	1 E	WM	19	SW NW

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 S	1 E	WM	19	SE NW
2 S	1 E	WM	19	NE SW
2 S	1 E	WM	19	NW SW
2 S	1 E	WM	19	SW SW
2 S	1 E	WM	19	SE SW
2 S	1 E	WM	19	NW SE
2 S	1 E	WM	19	SW SE
2 S	1 W	WM	1	ALL
2 S	1 W	WM	2	ALL
2 S	1 W	WM	3	ALL
2 S	1 W	WM	4	NE NE
2 S	1 W	WM	4	NW NE
2 S	1 W	WM	4	SW NE
2 S	1 W	WM	4	SE NE
2 S	1 W	WM	4	NE NW
2 S	1 W	WM	4	SE NW
2 S	1 W	WM	4	NE SW
2 S	1 W	WM	4	SE SW
2 S	1 W	WM	4	NE SE
2 S	1 W	WM	4	NW SE
2 S	1 W	WM	4	SW SE
2 S	1 W	WM	4	SE SE
2 S	1 W	WM	9	NE NE
2 S	1 W	WM	9	NW NE
2 S	1 W	WM	9	SW NE
2 S	1 W	WM	9	SE NE
2 S	1 W	WM	9	NE NW
2 S	1 W	WM	9	SE NW
2 S	1 W	WM	9	NE SE
2 S	1 W	WM	9	NW SE
2 S	1 W	WM	9	SW SE
2 S	1 W	WM	9	SE SE
2 S	1 W	WM	10	ALL
2 S	1 W	WM	11	ALL
2 S	1 W	WM	12	ALL
2 S	1 W	WM	13	SW NE
2 S	1 W	WM	13	SE NE
2 S	1 W	WM	13	NE NW
2 S	1 W	WM	13	NW NW
2 S	1 W	WM	13	SW NW
2 S	1 W	WM	13	NE SE
2 S	1 W	WM	13	NW SE
2 S	1 W	WM	13	SW SE
2 S	1 W	WM	13	SE SE
2 S	1 W	WM	14	NE NE
2 S	1 W	WM	14	NW NE
2 S	1 W	WM	14	SW NE
2 S	1 W	WM	14	SE NE

EMERGENCY AND SUPPLEMENTAL WATER SUPPLY FOR THE PORTLAND MUNICIPAL WATER SYSTEM				
Twp	Rng	Mer	Sec	Q-Q
2 S	1 W	WM	14	NE NW
2 S	1 W	WM	14	NW NW
2 S	1 W	WM	14	SE NW
2 S	1 W	WM	14	NE SW
2 S	1 W	WM	14	SE SW
2 S	1 W	WM	14	NE SE
2 S	1 W	WM	14	NW SE
2 S	1 W	WM	14	SW SE
2 S	1 W	WM	14	SE SE
2 S	1 W	WM	23	ALL
2 S	1 W	WM	24	ALL
2 S	1 W	WM	25	NE NW
2 S	1 W	WM	25	NW NW
2 S	1 W	WM	25	SW NW
2 S	1 W	WM	25	SE NW
2 S	1 W	WM	25	NW SW
2 S	1 W	WM	25	SW SW
2 S	1 W	WM	26	NE NE
2 S	1 W	WM	26	NW NE
2 S	1 W	WM	26	SW NE
2 S	1 W	WM	26	SE NE
2 S	1 W	WM	26	NE NW
2 S	1 W	WM	26	SE NW
2 S	1 W	WM	26	NE SW
2 S	1 W	WM	26	NE SE
2 S	1 W	WM	26	NW SE
2 S	1 W	WM	36	NW NW

3. Permit Amendment Application T-10489 proposes an additional point of appropriation located:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	2 E	WM	23	SW NW	WELL L-67558 - 730 FEET NORTH AND 920 FEET EAST FROM THE E $\frac{1}{4}$ CORNER OF SECTION 23

4. The applicant also is expanding their conceptual well fields to include lands within:

Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	14	NE SE
1 N	2 E	WM	14	NW SE
1 N	2 E	WM	14	SW SE
1 N	2 E	WM	14	SE SE
1 N	2 E	WM	15	NE SE
1 N	2 E	WM	15	NW SE
1 N	2 E	WM	15	SW SE
1 N	2 E	WM	15	SE SE
1 N	2 E	WM	22	NE NE
1 N	2 E	WM	22	NW NE
1 N	2 E	WM	22	SW NE

Twp	Rng	Mer	Sec	Q-Q
1 N	2 E	WM	22	SE NE
1 N	2 E	WM	23	NE NE
1 N	2 E	WM	23	NW NE
1 N	2 E	WM	23	SW NE
1 N	2 E	WM	23	SE NE
1 N	2 E	WM	23	NE NW
1 N	2 E	WM	23	NW NW
1 N	2 E	WM	23	SW NW
1 N	2 E	WM	23	SE NW
1 N	2 E	WM	23	NE SW
1 N	2 E	WM	23	NW SW
1 N	2 E	WM	23	SW SW
1 N	2 E	WM	23	SE SW

5. Notice of the application for the permit amendment was published in the Department's weekly notice on December 11, 2007, and in the _____ newspaper on _____, 200_, pursuant to ORS 540.520(5). No comments were filed in response to the notices.

Permit Amendment Review Criteria

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

Conclusions of Law

The additional point of appropriation proposed by Permit Amendment Application T-10489 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

The change and subsequent use of water shall be subject to the following conditions:

1. The combined quantity of water diverted at the proposed point of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
2. 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.
3. Water shall be acquired from the same aquifer as the original points of appropriation.
4. The former place of use shall no longer be irrigated as part of this permit.
5. All other terms and conditions of Permit G-8755 remain the same.

6. Permit G-8755, in the name of CITY OF PORTLAND is amended as described herein.

Units: CFS

Priority: 11/12/1976

Use: MU

	Xfer Filed: T 10489 CF (AMN)		Row Totals		Permit:G 8755 *			
	Loc/Use Max	Primary	Supplmntl	Primary	Supplmntl	Loc/Use Max	Primary	Supplmntl
Pod #1: 1.00 N 2.00E 16 SWNE	27.800000	27.800000	13.90	13.90	27.800000	27.800000	27.80	
Pod #2: 1.00 N 2.00E 16 NESE	27.800000	27.800000	13.90	13.90	27.800000	27.800000	27.80	
Pod #3: 1.00 N 2.00E 15 NWSW	27.800000	27.800000	13.90	13.90	27.800000	27.800000	27.80	
Pod #4: 1.00 N 2.00E 15 NESW	27.800000	27.800000	13.90	13.90	27.800000	27.800000	27.80	
Pod #5: 1.00 N 2.00E 15 NWSE	27.900000	27.900000	13.95	13.95	27.900000	27.900000	27.90	
Pod #6: 1.00 N 2.00E 10 SWSW	5.500000	5.500000	2.75	2.75	5.500000	5.500000	5.50	
Pod #7: 1.00 N 2.00E 15 SENE	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #8: 1.00 N 2.00E 16 SWNE	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #9: 1.00 N 2.00E 15 NWSW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #10: 1.00 N 2.00E 15 SESW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #11: 1.00 N 2.00E 10 SWSW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #12: 1.00 N 2.00E 15 NENW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #13: 1.00 N 2.00E 15 SENE	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #14: 1.00 N 2.00E 15 SWNW	11.100000	11.100000	5.55	5.55	11.100000	11.100000	11.10	
Pod #15: 1.00 N 2.00E 14 SESE	16.700000	16.700000	8.35	8.35	16.700000	16.700000	16.70	
Pod #16: 1.00 N 2.00E 13 SWSW	16.700000	16.700000	8.35	8.35	16.700000	16.700000	16.70	
Pod #17: 1.00 N 2.00E 24 SENW	8.400000	8.400000	4.20	4.20	8.400000	8.400000	8.40	
Pod #18: 1.00 N 2.00E 24 NWSW	13.900000	13.900000	6.95	6.95	13.900000	13.900000	13.90	
Pod #19: 1.00 N 2.00E 24 NENE	13.900000	13.900000	6.95	6.95	13.900000	13.900000	13.90	
Pod #20: 1.00 N 2.00E 24 SENE	13.900000	13.900000	6.95	6.95	13.900000	13.900000	13.90	
Pod #21: 1.00 N 3.00E 19 NWNW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #22: 1.00 N 3.00E 19 SWNW	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #23: 1.00 N 3.00E 19 NENW	13.900000	13.900000	6.95	6.95	13.900000	13.900000	13.90	
Pod #24: 1.00 N 3.00E 19 SENW	13.900000	13.900000	6.95	6.95	13.900000	13.900000	13.90	
Pod #25: 1.00 N 3.00E 19 NWNE	5.600000	5.600000	2.80	2.80	5.600000	5.600000	5.60	
Pod #26: 1.00 N 3.00E 20 SWSW	8.400000	8.400000	4.20	4.20	8.400000	8.400000	8.40	
Pod #27: 1.00 N 3.00E 20 NENW	8.400000	8.400000	4.20	4.20	8.400000	8.400000	8.40	
Pod #28: 1.00 N 3.00E 20 SENE	11.100000	11.100000	5.55	5.55	11.100000	11.100000	11.10	
Pod #29: 1.00 N 3.00E 21 NENW	19.500000	19.500000	9.75	9.75	19.500000	19.500000	19.50	
Pod #30: 1.00 N 3.00E 21 SWNE	19.500000	19.500000	9.75	9.75	19.500000	19.500000	19.50	
Pod #31: 1.00 N 2.00E 23 SWNW	389.900000	389.900000	194.95	194.95				

Column Totals:

389.90

389.90

389.90

Primary + Supplemental:

389.90

389.90

389.90

Kelly S

Oregon Water Resources Department
Water Rights Division



Water Rights Application
Number G-7578

Final Order
Extension of Time for Permit Number G-8755

Appeal Rights

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. A request 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 file for judicial review, or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

The Department issued Permit G-8755 on February 25, 1980. The permit called for completion of construction by October 1, 1981, and complete application of water to beneficial use by October 1, 1982. On October 31, 2003, the City of Portland submitted an application to the Department for an extension of time for Permit G-8755. In accordance with OAR 690-315-0050(2), on August 4, 2009, the Department issued a Proposed Final Order proposing to extend the time to complete construction to October 1, 2085 and to extend the time to fully apply water to beneficial use to October 1, 2085. The protest period closed September 18, 2009, in accordance with OAR 690-315-0060(1). No protest was filed.

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

CONDITIONS

1. Development Limitations

Diversion of any water beyond 147.08 cfs under Permit G-8755 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86. The required WMCP shall be submitted to the Department within 3 years of an approved extension application. Use of water under Permit G-8755 must be consistent with this and subsequent WMCP's approved under OAR Chapter 690, Division 86 on file with the Department.

The deadline established in this PFO for submittal of a WMCP shall not relieve a permit holder of any existing or future requirement for submittal of a WMCP at an earlier date as established through other orders of the Department. A WMCP submitted to meet the requirements of this order may also meet the WMCP submittal requirements of other Department orders.

2. Persistence of Fish Conditions

A. Minimum Fish Flow Needs

Minimum fish flow needs on the Columbia River as recommended by ODFW are in Table 1, below; flows must be measured as the total outflow discharge from Bonneville Dam (as determined by the U.S. Army Corps of Engineers Division of Water Management) or an equivalent measurement thereof.

Table 1

MINIMUM FISH FLOW NEEDS ON THE COLUMBIA RIVER AT BONNEVILLE DAM	
Month	Cubic Feet per Second
April 1 – April 30	183,000
May 1 – May 31	328,000
June 1 – June 30	471,000
July 1 – July 31	325,000
August 1 – August 31	184,000
Sept. 1 – Sept. 30	117,000

B. Determining Water Use Reductions - Overview

The use of the undeveloped portion of Permit G-8755 that impacts Columbia River surface water and legally can be diverted must be reduced in proportion to the amount by which the flows shown in Table 1 are not met based on a seven day rolling average of mean daily flows measured on the Columbia River at Bonneville Dam (measured as the total outflow discharge from Bonneville Dam - as determined by the U.S. Army Corps of Engineers Division of Water Management - or an equivalent measurement thereof). This reduction will be adjusted by (1) a Consumptive Use Percentage, when applicable, as per Item 2.D., below, and (2) all or a portion of the Actual HCP Flows as described in Item 2.E., below. The overall reduction to the maximum total amount of the undeveloped portion of the permit that impacts Columbia River surface water and legally can be diverted will not exceed 20%.

C. Percent of the Undeveloped Portion with Impacts on Surface Water.

For the purpose of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as a result of this fish persistence condition, 60.8% of the undeveloped portion under this permit impacts Columbia River surface water.

D. “Consumptive Use Percentages”

a. Initial Consumptive Use Percentages

Initial Consumptive Use Percentages for the City of Portland to adjust water use reductions for the purpose of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as a result of this fish persistence condition are as shown in the Table 3, below. Utilization of Initial Consumptive Use Percentages is subject to an approval period described in 2.D.e, below.

Table 3

Month	Initial Consumptive Use Percentages
April	3.4%
May	15.4%
June	29.6%
July	42.7%
August	42.5%
September	29.1%

b. Consumptive Use Percentages Updates

Continuing the utilization of Consumptive Use Percentages for the purpose of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as a result of this fish persistence condition beyond an approval period (as described in 2.D.e, below) is contingent upon the City submitting updated Consumptive Use Percentages and receiving the Water Resources Director’s concurrence with the Consumptive Use Percentages Updates. Utilization of Consumptive Use Percentages Updates is subject to an approval period described in 2.D.e, below.

The updates to the Consumptive Use Percentages must (1) be specified as a percentage (may be to the nearest 1/10 percent) for each month, April through September, and (2) include a description and justification of the methods utilized to determine the percentages. The updates should be submitted on the *Consumptive Use Percentages Update Form* provided with the Final Order for this extension of time.

c. Changes to Wastewater Technology and/or Wastewater Treatment Plant Practices

If there are changes to either wastewater technology or the practices at the Columbia Boulevard Wastewater Treatment Plant (WWTP) resulting in 25% or more reductions in average monthly return flows to the Columbia River, then the Consumptive Use Percentages in effect at that time may no longer be utilized for the purposes of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as result of this fish persistence condition. The 25% reduction is based on a 10-year rolling average of monthly wastewater return flows to the Columbia River as compared to the average monthly wastewater return flows from the years 2000 to 2009.

If such changes to the Columbia Boulevard WWTP occur resulting in 25% reductions, further utilization of Consumptive Use Percentages is contingent upon the City submitting Consumptive Use Percentages Updates as per 2.D.b., above, and receiving the Water Resources Director's concurrence with the updated Consumptive Use Percentages.

d. Relocation of the Point(s) of Diversion(s) and/or Return Flows

If the point(s) of diversion(s) and/or return flows are relocated, Consumptive Use Percentages in effect at that time may no longer be utilized for the purposes of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as result of this fish persistence condition.

After relocation of the point(s) of diversion(s) and/or return flows, further utilization of Consumptive Use Percentages is contingent upon the City (1) providing evidence in writing that ODFW has determined that any relocated withdrawal points and effluent discharge points are within reasonable proximity to each other, such that fish habitat between the two points is not impacted significantly, and (2) submitting Consumptive Use Percentages Updates as per 2.D.b., above, and receiving the Water Resources Director's concurrence with the updated Consumptive Use Percentages.

e. Approval Periods for Utilization of Consumptive Use Percentages

The utilization of Consumptive Use Percentages for the purpose of calculating the maximum total amount of the undeveloped portion of Permit G-8755 that can be diverted as a result of this fish persistence condition may continue for a 10 year approval period that begins from either (1) the date of the Extension Final Order, or (2) 10 years from the Water Resources Director's most recent date of concurrence with Consumptive Use Percentages Updates as evidenced by the record, unless sections 2.D.c, or 2.D.d. (above) are applicable.

Consumptive Use Percentages Updates which are submitted and receive the Director's concurrence will begin a new 10 year approval period. The approval period begins on the date of the Water Resources Director's concurrence with Consumptive Use Percentages Updates, as evidenced by the record. The City at its discretion may submit updates prior to the end of an approval period.

E. Adjustments by Actual HCP Flows

HCP Flows are defined as the instream flows provided to the Lower Bull Run River by the City of Portland in response to its Bull Run Water Supply Habitat Conservation Plan (HCP) habitat conservation measure 7.2.1 (UTL-2.07, Instream Flow Measures in the Lower Bull Run River, pgs 7-6 to 7-13). The quantification of HCP flows will be based on a seven day rolling average of mean daily flows measured on the Bull Run River near Bull Run, Oregon (USGS GAGE No. 1414000, or its equivalent). HCP flows based this seven day rolling average are referred to as Actual HCP Flows.

For the purpose of calculating the amount of the undeveloped portion of Permit G-8755 that can be diverted as a result of this fish persistence condition, all or a portion of the Actual HCP Flows may be utilized to offset water use reductions. The total sum of all HCP flow adjustments made to any combination of undeveloped portions reduced under Permits G-8755, G-10124, G-10455 and/or G-10479 as a result of extension fish persistence conditions may not exceed the Actual HCP Flows for any seven day rolling average period.

F. Examples

Example 1:

If on April 15, the last seven mean daily flows were 208,100; 206,200; 201,400; 202,300; 190,900; 182,100; and 180,300 cfs; the seven day rolling average is 195,900 cfs. The use of the maximum total amount of the undeveloped portion of the permit that legally could be diverted would not be reduced because the 7 day average of mean daily flows is greater than the 183,000 cfs target flow during the month of April.

Example 2:

Step 1: If on July 15, the average of the last seven mean daily flows was 111,200 cfs, the target flow would be missed by 65.8%. The use of the maximum total amount of the undeveloped portion of the permit that legally could be diverted would be reduced because the 7 day average of mean daily flows is less than the 325,000 cfs target flow during the month of July.

$$(100 - [(111,200 / 325,000) \times 100\%]) = 65.8\%$$

Step 2: If the maximum total amount of the undeveloped portion of the permit that legally can be diverted under a permit is 150.0 cfs and 60.8% of the undeveloped portion impacts Columbia River surface water, then the maximum total amount of the undeveloped portion of the permit with surface water impacts and legally can be diverted would be 91.20 cfs.

$$(150.0 \text{ cfs} \times [60.8\% / 100]) = 91.20 \text{ cfs}$$

Note: In Steps 3 – 5, the maximum total amount of the undeveloped portion of the permit with surface water impacts and legally can be diverted will be referred to as the “qualified undeveloped portion.”

Step 3: Assuming the Consumptive Use Percentage is 42.7% during the month of July and the utilization of this percentage is authorized, and the flow target is missed by 65.8% (from Step 1), then the reduction to the qualified undeveloped portion would 28.1%.

$$([65.8\% \times 42.7\%] / 100) = 28.1\%$$

(If adjustments are not to be made by a Consumptive Use Percentage, the qualified undeveloped portion would be reduced only by the % by which the target flow is missed – 65.8% in this example).

Step 4: In this example, the reduction to the qualified undeveloped portion due to the missed target flow percentage adjusted by the Consumptive Use Percentage would be 25.63 cfs.

$$(91.20 \text{ cfs} \times [28.1\% / 100]) = 25.63 \text{ cfs}$$

Step 5: Assuming the Actual HCP Flows were 20.0 cfs, and 5.0 cfs is utilized to offset reductions in other South Shore Columbia Well Field permits, 15 cfs of the Actual HCP Flows would be available to offset reductions in G-8755. The 25.63 cfs determined in Step 4 would be decreased by 15.0 cfs, ending with an overall reduction to the qualified undeveloped portion of 10.63 cfs.

$$(25.63 - [20.0 \text{ cfs} - 5.0 \text{ cfs}]) = 10.63 \text{ cfs}$$

Step 6: This 10.63 cfs reduction is 11.6% of 91.20 cfs (the maximum total amount of the undeveloped portion of the permit with surface water impacts and legally can be diverted as calculated in Step 2). This 11.8% does not exceed the 20% maximum overall reduction.

$$([10.63 / 91.2] \times 100\%) = 11.6\%$$

Step 7: In this example, the maximum total amount of the undeveloped portion of the permit that legally could be diverted under the permit under this condition would be 139.2 cfs

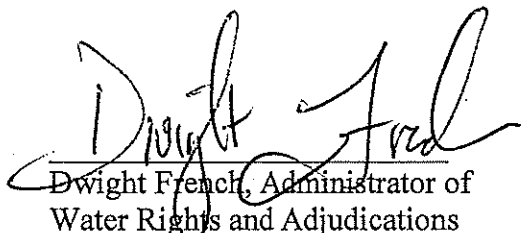
$$(150.0 \text{ cfs} - 10.63 \text{ cfs}) = 139.37 \text{ cfs}$$

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

Order

The extension of time for Application G-7578, Permit G-8755, therefore, is approved subject to conditions contained herein. The deadline for completing construction is extended to October 1, 2085. The deadline for applying water to full beneficial use is extended to October 1, 2085.

DATED: October 6, 2009



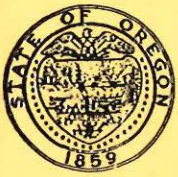
Dwight French, Administrator of
Water Rights and Adjudications

for

Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Scott Kudlemyer at (503) 986-0813.

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



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

INTEROFFICE MEMO

TO: TRANSFER SECTION

DATE: 12-10-07

FROM: _____ WATERMASTER, DISTRICT # _____
X _____ GROUNDWATER SECTION

(SIGNATURE) Don Mella date signed 2/11/08

SUBJECT: PERMIT AMENDMENT # 10489

A change in: POU POD APOA of water.

In the name(s) of Portland Water Bureau

In my opinion (assuming the right is valid), the proposed change

Don
MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right. Read attached Memo !!!

*The approval of this transfer application would result in injury to other water rights because _____

The existing right may not be valid because _____

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s) which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) _____

In my opinion, the order approving the subject transfer application should include the following in regard to the appropriator installing suitable measuring devices in the diversion works:

- _____ (1) PRIOR to the diverting of water at the new point of diversion . . .
- _____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.



**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: File T-10489 Date: February 11, 2008

From: Donn Miller *DM*

Subject: T-10489, Portland Water Bureau
(Permit Amendment for G-8755)

PLEASE READ THIS ENTIRE MEMO.

In my view, this request is incorrectly presented.

On its face, the transfer proposes a permit amendment. It seeks to formally enlarge a "conceptual" well field and, thereby, add PW-38 (MULT 73084) to the permit. The permit application identified a number of proposed wells and their aquifers for a west well field and an east well field. The permit authorized a specific flow from each well and WRD is understood to require development of the target aquifer at each well in the application. This large permit references about five different aquifers. The conversation of well fields may have operational value but not regulatory value. Unfortunately, the WRD letter of 3/14/2000 seems to give some.

At this point, I don't recognize "conceptual" well fields and I'm confident that WRD rules don't either. So, let's drop the conceptual well field conversation and move on.

At its core, the application seeks to add to the permit a well (PW-38), developing the Sand and Gravel Aquifer (SGA). This is the real substance of a permit amendment. The SGA is a target aquifer for several wells in the Bureau's east well field. Those wells are authorized a total of 130.8 cfs. On that basis, PW-38 is eligible for permit amendment consideration. **The application does not request a specific rate from this well. Does that matter?** The location of PW-38 moves the SGA development a bit westward and farther from more easterly municipal developers of the SGA (Rockwood, Fairview, Wood Village, Troutdale). I have looked at the location of other SGA wells and note that the proposal moves SGA development to the benefit of existing users.

The proposed additional POA develops an authorized source (SGA) under permit G-8755. (That source is located at several wells in the PWB's east well field.) Same source is satisfied. The distance increase from existing users helps me to draw a no injury to an existing water right conclusion.

Kelly Starnes

From: Kelly Starnes
Sent: Monday, February 11, 2008 9:57 AM
To: Donn Miller
Cc: Doug Woodcock; Dorothy Pedersen; 'Sabrina.M.WHITE@wrd.state.or.us'
Subject: RE: T-10489, Portland Water Bureau

Donn -

Did we authorize, by permit, conceptual well fields in permit G-8755? I don't see it in the permit.

I do not believe the permit gives PWB carte blanche to drill within the "well fields". If they want to designate an area as a "well field" that is ok by me, but if they want to add more wells to the permit within that "well field" area, they will still need to go through the permit amendment process (or transfer process when they get a water right certificate).

Are the authorized wells bound to the aquifer (water sources) cited in the application within the wellfields? If they are, the new well that the PWB wants within the west wellfield is not covered in the aquifer dimension there. On the other hand, the east wellfield has the desired aquifer at authorized POD's.

I believe the authorized wells are bound to the source "aquifer(s)" designated for each well field. Their permit amendment application proposes to add the new well to the West well field wells, if the new additional well is not with the West well field "aquifer" then we should say so and give PWB an opportunity to amend the application to propose the well as an additional well for the East well field. If the new well is not within either the West well field or East well field "aquifer(s)", then they cannot add the well to Permit G-8755.

Kelly

From: Donn Miller
Sent: Friday, February 08, 2008 10:54 AM
To: Kelly Starnes
Cc: Doug Woodcock; Dorothy Pedersen; Sabrina White-Scarver
Subject: FW: T-10489, Portland Water Bureau

Kelly,

This transfer request is a little perplexing. On review of the request, they seek to expand the area of the west "conceptual" wellfield and use an additional POA in that expansion that develops a different aquifer than the original application proposed in the west wellfield. The notion of a conceptual

2/11/2008

wellfield was explained to me by the CWRE as an allowable/authorized area in which to develop the project, accommodating well placements that differ from the specifically authorized locations.

At this point I have some questions to discuss with you and, perhaps, others.

Did we authorize, by permit, conceptual well fields in permit G-8755? I don't see it in the permit.

Are the authorized wells bound to the aquifer (water sources) cited in the application within the wellfields? If they are, the new well that the PWB wants within the west wellfield is not covered in the aquifer dimension there. On the other hand, the east wellfield has the desired aquifer at authorized POD's.

In a standard gw transfer, I would expect to see authorized well locations and associated aquifers (at least by application reference). From that platform, there is a basis for adding an additional POA that is in the same aquifer as an authorized POA. I would expect to see anything about a conceptual wellfield.

Thanks, Donn

-----Original Message-----

From: Dorothy Pedersen
Sent: Friday, February 08, 2008 10:02 AM
To: Donn Miller
Cc: Kelly Starnes
Subject: RE: T-10489, Portland Water Bureau

Donn,

Actually, Kelly Starnes will be either working on this permit amendment himself or assigning it to Lisa Jaramillo. Unless you need an answer right away, I think it would be more efficient to have you talk to the person who is going to do the "hands on" work with the file, so I'm cc'ing Kelly.

If you need an answer today, let me know and I'll consult with you and convey the information to the caseworker.

Thanks,
Dorothy

-----Original Message-----

From: Donn Miller
Sent: Thursday, February 07, 2008 2:24 PM
To: Dorothy Pedersen
Cc: Doug Woodcock
Subject: T-10489, Portland Water Bureau

Dorothy,

The GW Section review of this file has come to me. I understand that you are in charge of processing this permit amendment.

I have questions on this unusual matter that may involve Doug too.

Let's discuss.

Thanks, Donn

2/11/2008



CITY OF

PORTLAND, OREGON

BUREAU OF WATER WORKS

Erik Sten, Commissioner
Michael F. Rosenberger, Administrator
1120 S.W. 5th Avenue
Portland, Oregon 97204
Information (503) 823-7404
Fax (503) 823-6133
TDD (503) 823-6868

RECEIVED

February 4, 2000

FEB 04 2000

Mr. Dwight French
Water Rights Section Supervisor
Oregon Water Resources Dept.
158 12th NE
Salem, Oregon 97310-4172

**WATER RESOURCES DEPT.
SALEM, OREGON**

RE: Application G-7578 Permit G-8755

Dear Dwight:

Portland Water Bureau is currently planning the further development of its largest groundwater permit issued for municipal use, Permit G-8755. The permit allows for a total of 390 cfs to be withdrawn from groundwater sources in 5 different aquifers in the City's Columbia South Shore Well Field. Permit G-8755 is currently under extension of the "B" and "C" dates until 10/01/2001, per Special Order Volume 51, Page 48, dated 02/05/1997.

The aquifer we propose to further develop at this time is commonly referred to as the SGA (Sand and Gravel Aquifer), although it is identified on the permit as the SRMA (Sandy River Mudstone Aquifer). As I understand it, the name was changed to follow more closely USGS naming convention. The total permitted yield from the SGA(SRMA) under permit G-8755 amounts to 130.9 cfs. Currently the Bureau has developed and put 57.8 cfs to beneficial use from the SGA. That leaves 73.1 cfs we are allowed to develop under the terms of this permit from the SGA. Our immediate plan for further development of the SGA contemplates the construction of three new wells at already existing well sites on City property in the Columbia South Shore Well Field. Our goal is to develop a total of 17 cfs from the 3 new wells in the SGA.

The City believes that in pursuing the further development of its permitted rights in this manner, it is doing so within the terms of the permit. The development is well within the total permitted withdrawal rate. In fact, even after the City achieves an additional 17 cfs yield from the 3 new wells, it still would retain a considerable amount to develop from the SGA. The final size and exact places of appropriation of the right will all be defined at the time the Bureau submits its Claim of Beneficial Use report and supplementing map(s).



CITY OF

PORTLAND, OREGON RECEIVED

BUREAU OF WATER WORKS

FEB 04 2000

Erik Sten, Commissioner
Michael F. Rosenberger, Administrator
1120 S.W. 5th Avenue
Portland, Oregon 97204
Information (503) 823-7404
Fax (503) 823-6133
TDD (503) 823-6868

WATER RESOURCES DEPT.
SALEM, OREGON

The cost of the further SGA development is estimated to be \$3,000,000.00 . The drilling contract specifications are currently being developed and are due to go to bid shortly. Because of this substantial commitment, the City seeks a written confirmation from the Department that it agrees that the City's approach to further development is allowed under Permit G-8755. We would be most appreciative if you could respond by February 18, so that the City could proceed with the project in time to complete well construction by the end of 2000. As you may know, one of the primary purposes of the well field is to provide emergency back up supply in the event of interruptions in water supply from the City's Bull Run system. Unfortunately, the well field is no longer big enough to supply the base winter time loads on the Portland system. Thus to properly serve as an emergency back up supply, the well field must be expanded.

I would be available to discuss any and all of the project with you if you wish.
You can contact me at (503)823-7524, or e-mail twarren@water.ci.portland.or.us.

Sincerely,

Thom Warren P.L.S., C.W.R.E.

Survey Supervisor/Water Right Examiner



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130

BY FAX (503 823-4500) AND REGULAR MAIL

March 14, 2000

Mr. Thom Warren P.L.S. , C.W.R.E.
Portland Water Bureau
1120 SW 5th Ave. Rm.549
Portland, Oregon 97204-1926

RE: Application G-7578 Permit G-8755

Dear Thom:

I recently received your letter regarding proposed additional development of Portland's Columbia South Shore Well Field under Ground Water Permit No. G-8755. Permit G-8755 is currently under extension of the "B" and "C" dates until 10/01/2001, per Special Order Volume 51, Page 48, dated 02/05/1997.

As I understand it, the City intends to construct three new wells in the Sand and Gravel Aquifer (SGA), providing an additional 17 cfs of capacity in that aquifer. The three new wells will be located on City property identified in the original application as well sites for wells tapping other aquifers. Upon the completion of this work, the City will have developed 74.8 cfs from the SGA, whereas Permit G-8755 contemplates a total of 130.9 cfs.

After checking with Fred Lissner, Groundwater Section Manager, it is the Department's view that the construction of these three new wells is allowed within the terms of the permit. The development is well within the total permitted withdrawal rate. The fact that the exact well locations now to be used were previously identified as the sites of TSA or TGA rather than SGA wells does not change our conclusion. I note that the original application, G- 7578, contemplated the construction of the well field in stages, with the expectation that over time "additional production facilities will be installed as required until the full . . . capacity is realized." Of course, when the City submits its final Claim of Beneficial Use and supplementing maps, you must identify the exact places of appropriation along with individual well capacities.

As usual, the City should make sure that the Department is informed through the filing of "start cards" when you intend to begin construction on this development.

Sincerely,

Dwight French
Water Rights Section Manager

file



per Amen



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Watermaster Review Form: Water Right Transfer

Transfer Application: T-10489

Review Due Date: 01-08-2008

Applicant Name: Portland Water Bureau

Proposed Changes: POU POD POA USE OTHER

Reviewer(s): Sabrina White-Scarver

Date of Review: 01-03-2008

1. Do you have information suggesting that the water rights may be subject to forfeiture?
 Yes No If "Yes", describe the information and indicate if you intend to file a cancellation affidavit or if you need additional time to determine if a cancellation affidavit should be filed: _____
2. Is there a history of regulation on the source that serves the right proposed for transfer that has involved the right and downstream water rights? Yes No Generally characterize the frequency of any regulation or explain why regulation has not occurred: _____
3. Check here if it appears that downstream water rights benefit from return flows resulting from the current use of the right? If you check the box, generally characterize the locations where the return flows likely occur and list the water rights that benefit most: _____
4. Are there upstream water rights that would be affected by the proposed change?
 Yes No If "Yes", describe how the rights would be affected and list the rights most affected: _____
5. For POD changes and instream transfers, check here if there are channel losses between the old and new PODs or within the proposed instream reach? If you check the box, describe and, if possible, estimate the losses: _____
6. Would distribution of water for the right after the proposed change result in regulation of other water rights that would not have occurred if use of the existing right was maximized?
 Yes No If "Yes", explain: _____
7. For POU changes, would the original place of use continue to receive water from the same source? Yes No N/A If "Yes", explain: _____
8. For POU or USE changes, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? Yes No If "Yes", explain: _____
9. Are there other issues not identified through the above questions? Yes No If "Yes", explain: _____
10. What alternatives may be available for addressing any issues identified above: _____

Watermaster Review Form

Transfer Application: T-10489

11. Have headgate notices been issued for the source that serves the right? Yes No

12. What water control and measurement conditions should be included in the transfer:

Measurement Devices	<input type="checkbox"/> Present and should be maintained.	<input checked="" type="checkbox"/> Should be required prior to diverting water.	<input type="checkbox"/> May be required in the future.
Headgates	<input type="checkbox"/> Present and should be maintained.	<input type="checkbox"/> Should be required prior to diverting water.	<input type="checkbox"/> May be required in the future.

Indicate in this column whether or not the item is satisfied.

Permit Amendment Application – ORS 537.211

Completeness Checklist

Applicant's Name:

City of Portland Water Bur.

Tom Warrington
(Form last revised: October 30, 2006)

Section A – Status of Permit

Is this a permit that can be amended?

Working w/ Dwight Fujii

NOTE: The Department CANNOT accept a Permit Amendment application for any permit that has:

- 1) a permit completion date that has expired; or
- 2) a pending permit extension of time application on file with the Department; or
- 3) a pending claim of beneficial use report on file with the Department.

If the subject permit falls into any of the above categories, RETURN the application & fee to the applicant.

Section B – Type of Change

Is the proposed change(s) allowed under the Permit Amendment process?

[ORS 537.211(4)]

NOTE: Only POD, POA or POU changes are allowed on Permit Amendments.

If the application proposes a change other than those listed above, RETURN the application & fee to the applicant.

Section C - Fees

Have the appropriate fees been paid?

Total Required Fees: _____

Fee Schedule – ORS 536.050(1)(h)

- ~~\$350~~ - Base fee (1st change and 1st CFS of water)
- + ~~\$350~~ - Each additional type of change requested
- + ~~\$175~~ - For each CFS, or fraction thereof, requested beyond 1st CFS (for POU, Type of Use, or Exchange)

400

Total Fees Paid: _____

Fees Due (if any): _____

Refund Due (if any): _____

If the applicant has NOT submitted the total fees required, RETURN the application & deficient fee to the applicant.

Section D – Completeness

Indicate in this column whether an item is incomplete, and if so, identify the deficiency.

Is the Permit Amendment application complete?

All required elements necessary for a complete permit amendment application are listed below. Indicate whether or not the applicant has answered and/or supplied attachments to adequately address each of the following items. If any one of the items is deficient, then the application is incomplete.

NOTE: For reference, the application page number upon which each item is requested is identified.

If the application is NOT complete, RETURN the application & fee to the applicant.

- Applicant's name, mailing address and contact information. (Page 1)
- Agent's name, mailing address and contact information, if applicable. (Page 1)
- Are multiple permits being amended? YES NO (Page 2)
If YES..... the applicant must supply a separate "set" of pages 3 through 7 of the application form for each permit to be amended.
- The type of amendment being proposed. (Page 2)
- Reason for the permit amendment. (Page 2)
- Current permit information – permit number, use, priority date, source(s), etc. (Page 3)

IN PERSON / OVER COUNTER / THOMPSON WARREN.

	<ul style="list-style-type: none"> • <i>If for a change in POU.....</i> Are there any "layered" irrigation rights, permits, or GR registrations appurtenant to the same place of use as the permit proposed to be amended? YES NO (Page 3) <i>If YES..... the other "layered" water uses subject to transfer must either change concurrently or be cancelled, except as provided in OAR 690-380-2240(5).</i>
	<ul style="list-style-type: none"> • Location description of the authorized POA/POD to be amended. (Page 4) <i>NOTE: Ensure that the location coordinates listed in the application match the point and location coordinates illustrated on the application map.</i> Additionally, if the existing authorized source is ground water (POA), the applicant must either: _____ 1) supply a copy of the well log(s), <i>or</i> _____ 2) if well logs are not available, describe the construction of the well(s) in the table provided on page 4 of the application.
	<ul style="list-style-type: none"> • Location description of the existing authorized POU and associated acres (if applicable). (Page 5) <i>NOTE: Ensure that the location and number of acres listed per ¼ ¼ in the application match those illustrated on the application map.</i>
	<ul style="list-style-type: none"> • Location description of the proposed POA/POD. (Page 6) <i>NOTE: Ensure that the proposed location coordinates listed in the application match the proposed point and location coordinates illustrated on the application map.</i> Additionally, if the proposed source is ground water (POA), the applicant must either: _____ 1) supply a copy of the well log(s), <i>or</i> _____ 2) if well logs are not available <i>or</i> the well is not yet constructed, describe the construction of the well(s) in the table provided on page 6 of the application.
	<ul style="list-style-type: none"> • Location description of the proposed POU and associated acres (if applicable). (Page 7) <i>NOTE: Ensure that the location and number of acres listed per ¼ ¼ in the application match those illustrated on the application map.</i>
	<ul style="list-style-type: none"> • Affected districts and local governments. (Page 8) If within a district/local government jurisdiction, ensure that name & mailing address is provided.
	<ul style="list-style-type: none"> • Is the applicant the permit holder of record? YES NO (Page 8) <i>If NO..... the applicant must either submit:</i> _____ 1) a Request for Assignment form & fee in order to be assigned to the permit, <i>or</i> _____ 2) an Affidavit of Consent from the permit holder giving permission for the amendment.
	<ul style="list-style-type: none"> • If the permit holder of record does not own or control the land TO which the place of use is being moved, has a Request for Assignment form been submitted to assign the owner of the TO land to the permit? YES NO (Page 9)
	<ul style="list-style-type: none"> • Map..... (NOT required to be prepared by a CWRE). (Page 10) _____ north arrow _____ size & scale _____ other: _____ _____ authorized acreage per ¼ ¼ matches the permit _____ authorized POD/POA and POU (<i>clearly shown, labeled & matches application listing</i>) _____ point plotted for the authorized POD/POA agrees with location coordinates _____ proposed POD/POA and/or POU (<i>clearly shown, labeled & matches application "proposed" listing</i>) _____ location coordinates accurately describe the point identified as the proposed POD/POA
	<ul style="list-style-type: none"> • Land Use form, <i>if applicable. Maybe?</i> (Page 10) May be needed if the POD/POA or POU is moving a great distance and off of land originally involved in permit.
	<ul style="list-style-type: none"> • Signature(s) of applicant(s): (Page 11) <i>All</i> applicants listed on page 1 of the application must sign the application.

WRD Completeness Reviewer's Name: _____ Date: 11-23-2017



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

December 10, 2007

PORTLAND WATER BUREAU
1120 SW 5TH ROOM 500
PORTLAND, OR 97204-1926

Reference: Permit Amendment T- 10489

On November 23, 2007 we received your request for permit amendment. The application was accompanied by \$400.00. Our receipt 90709 is enclosed.

By copy of this letter, we are asking the Watermaster for a report regarding the potential for injury to existing water rights which may be caused by the change.

Except as provided under ORS 540.510(3) for municipalities, you may not use water in the new place of use, or from the new point of appropriation, until we issue a final order approving the application.

We will notify you if additional information or corrections to the application or map are required.

If you have any questions, please call the Transfer Section, (503)986-0900.

cc: Watermaster #20
Groundwater

enclosure





Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

725 Summer Street NE, Suite A

Salem, OR 97301-1271

503-986-0900

FAX 503-986-0904

**Notice of Application for
Water Right Transfer, Temporary Transfer, or Permit Amendment
12/11/2007**

The Department seeks comment on the recently-filed application listed below. Any person may comment on the application. Comments must be received by the Department within 30 days of the date of this notice. The Director may presume that the transfer would be allowed by, and compatible with comprehensive plans unless an affected local government informs the Director otherwise within 30 days of this notice.

County: Clackamas
Transfer: T -10489
Water Right: Permit:G 8755 *
Priority Date: 1976
Name: PORTLAND WATER BUREAU
Address: 1120 SW 5TH RM 500 PORTLAND OR 97204
Change: APOA
Source: WELLS
Authorized APOA: T1N R2E 23
Proposed APOA: T1N R2E 14, 15, 22, 23

The holder of a water right may apply to permanently change an existing water use subject to transfer. A transfer application may involve any of the following changes: Point of diversion or appropriation (POD; POA); Additional point of diversion or appropriation (APOD; APOA); Historic POD (HIST); Place of use (POU); Character of use (USE); Instream (ISWR); Substitution (SUB); or Exchange (EXCH).

The holder of a water right subject to transfer may request to temporarily change the place of use of the water for up to 5 years and, if necessary to convey the water, to temporarily change the point of diversion or appropriation.

The holder of a water right permit may apply to change a point of diversion (POD) or appropriation (POA) or to change the place of use (POU).

Any person who provides comments within the comment period will receive a copy of the Department's preliminary determination of whether the application should be approved or rejected after the Department has completed a review of the application and will be provided an opportunity to protest the application and preliminary determination at that time. Comments should be sent to the Transfers Section at the Department's Salem office.

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

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

RECEIPT # **90709**

INVOICE # _____

RECEIVED FROM: <u>The Treasurer of the</u>	APPLICATION
BY: <u>City of Portland</u>	PERMIT
	TRANSFER <u>T-10489</u>
CASH: <input type="checkbox"/> CHECK: # <u>504877</u> OTHER: (IDENTIFY) <input type="checkbox"/>	TOTAL REC'D \$ <u>400.00</u>

1083 TREASURY 4170 WRD MISC CASH ACCT
0407 COPIES \$
OTHER: (IDENTIFY) \$
0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT	
MISCELLANEOUS	
0407 COPY & TAPE FEES \$	
0410 RESEARCH FEES \$	
0408 MISC REVENUE: (IDENTIFY) \$	
TC162 DEPOSIT LIAB. (IDENTIFY) \$	
0240 EXTENSION OF TIME \$	
WATER RIGHTS:	
0201 SURFACE WATER	EXAM FEE 0202 \$
0203 GROUND WATER	0204 \$
0205 TRANSFER \$ <u>400.00</u>	
WELL CONSTRUCTION	
0218 WELL DRILL CONSTRUCTOR	EXAM FEE 0219 \$
LANDOWNER'S PERMIT	0220 \$
OTHER (IDENTIFY) _____	

**RECEIVED
OVER THE COUNTER**

0536 TREASURY 0437 WELL CONST. START FEE	
0211 WELL CONST START FEE \$	CARD #
0210 MONITORING WELLS \$	CARD #
OTHER (IDENTIFY) _____	

0607 TREASURY 0467 HYDRO ACTIVITY	LIC NUMBER
0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$

TREASURY OTHER / RDX
FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$

RECEIPT: **90709** DATED: 11/23/07 BY: [Signature]



Oregon Water Resources Department
 725 Summer Street
 Salem Oregon 97331
 (503) 986-0900
 www.wrd.state.or.us

Originals

Application for Permit Amendment or Ground Water Registration Modification

Please type or print legibly in dark ink. If your application is incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "N/A" to indicate Not Applicable. As you complete this form, please refer to notes and guidance included on the application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. TYPE OF APPLICATION

Please check **one** of the following:

- Permit Amendment Ground Water Registration Modification

2. APPLICANT INFORMATION

RECEIVED

NOV 23 2007

WATER RESOURCES DEPT
 SALEM, OREGON

Name: Portland Water Bureau
First Last

Address: 1120 SW 5th Room 500

Portland, Oregon 97204-1926
City State Zip

Phone: (503) 823-7524
Home Work Other

Fax: (503)823-4500 E-Mail address: twarren@water.ci.portland.or.us

3. AGENT INFORMATION

(The agent listed is authorized to represent the applicant in all matters relating to this application.)

Name: Thom Warren
First Last

Address: 1120 SW 5th Room 500

Portland, Oregon 97204-1926
City State Zip

Phone: (503) 823-7524
Home Work Other

Fax: (503)823-4500 E-Mail address: twarren@water.ci.portland.or.us

▪ If an agent is listed above, please check **one** of the following:

- Please send all correspondence to Agent. Send *copies* of correspondence to Applicant; or
- Please send all correspondence to Applicant. Send *copies* of correspondence to Agent.

Permit Amendments

- *If you propose to amend multiple permits under this application, a separate set of pages 3 through 7 must be provided for each permit. (NOTE: Concurrent changes to a water right must be filed separately on a transfer application.)*

Ground Water Registration Modifications

- *You may propose modification of only one ground water registration per application, unless in accordance with OAR 690-382-0300(2), the ground water registrations to be modified are layered. (NOTE: Concurrent changes to a water right must be filed separately on a transfer application.)*

4. TYPE OF AMENDMENT OR MODIFICATION PROPOSED

Please check **all** of the following that apply:

Point of Diversion or Appropriation	Place of Use	Character of Use
<input type="checkbox"/> Change (The old point of diversion or appropriation will <u>not</u> be used for the portion of the water right affected by the amendment or modification.) <input checked="" type="checkbox"/> Additional (Both the old <u>and</u> new points of diversion or appropriation will be used for the portion of the water right affected by the amendment or modification.) <p style="text-align: center;"><i>Not Available for <u>Ground Water Registrations</u></i></p> <input type="checkbox"/> Surface Water to Ground Water (A new point of appropriation will be used instead of the old point of diversion. The old point of diversion will <u>not</u> be used.)	<input type="checkbox"/> All of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at the current authorized location will be discontinued.) <input type="checkbox"/> Only a <u>portion</u> of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at a <u>portion</u> of the current authorized location will be discontinued.) <div style="text-align: center; color: blue; font-weight: bold; font-size: 1.2em;"> RECEIVED NOV 23 2007 WATER RESOURCES DEPT SALEM, OREGON </div>	<p style="text-align: center;"><i>Not Available for <u>Permit Amendments</u></i></p> <p>Change existing authorized use to the following proposed <u>new</u> use:</p> <input type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Quasi-municipal <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic (indicate number of households): _____ <input type="checkbox"/> Other _____

- Reason(s) for amendment/modification(s): New POA in area outside of original Conceptual Well Field. POA is currently used under LL-1082. LL-1082 condition of Amending Permit G-8755 by December 2007 is being met by submission of this Permit Amendment request.

RECEIVED

NOV 23 2007

WATER RESOURCES DEPT
SALEM, OREGON

5. CURRENT PERMIT OR REGISTRATION INFORMATION

Permit or Registration to be Amended/Modified (*check and complete one of the following*):

<input checked="" type="checkbox"/>	Permit to be Amended:	<u>G-8755</u> Permit Number	<u>10/01/2001</u> Current Completion Date of Permit
<input type="checkbox"/>	Ground Water Registration to be Modified:	_____ Ground Water Registration Number	<i>NOTE: Concurrent changes to a water right must be filed separately on a transfer application.</i>

- Name on Permit or Registration: City of Portland, Commissioner of Public Utilities _____
- County: Multnomah _____
- Authorized Use(s) to be affected by this Amendment/Modification: Municipal _____

- Priority Date(s): 11/12/1976 _____

*If there are **multiple Priority Dates** identified on the Permit or Registration, any information provided on pages 4 through 7 must identify which priority date is associated with each of the authorized and proposed points of diversion or appropriation and places of use.*

- All Source(s) of Water to be affected by this Amendment/Modification: Groundwater _____

Tributary to: Columbia River

*If there are **multiple Sources** listed on the Permit or Registration, any information provided on pages 4 through 7 must identify which source is associated with each of the authorized and proposed points of diversion or appropriation and places of use.*

For an application proposing a Change in Place of Use or Character of Use:

- Are there any other “Layered” Water Rights, Permits, or Ground Water Registrations issued for **Irrigation** purposes that are appurtenant to the same place of use as the Permit or Registration being Amended/Modified? Yes No N/A -No Change in Use or Place of Use

If “Yes”, pursuant to ORS 540.510, OAR 690-380-2240 and OAR 690-382-0200, **the other “layered” water uses subject to transfer must either change concurrently or be cancelled**, except as provided in OAR 690-380-2240(5).

- Remarks: This amendment is to add an additional POA and modify the well field boundaries of Permit G-8755.

- *The following information **must be provided only** for those points of diversion or appropriation that are involved in the permit amendment or ground water registration modification (i.e., list only the portion of the permit/registration you propose to amend/modify.) Attach additional pages as necessary.*

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing permit or ground water registration.

Location of Existing Authorized Point(s) of Diversion or Appropriation to be Changed:

(i.e., the allowed point(s) of diversion/appropriation that will be affected by the proposed amendment/modification, the "FROM" point(s) of diversion/appropriation)

If Ground Water, OWRD Well Log ID No. (or Well ID Tag No. L-____)	Source and Priority Date	Township	Range	Mer	Sec	¼ ¼	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey corner)
L-67558	A well G-8755 11/12/1976	1N	2E	W M	23	SW/NW	TL800	730' N & 920' E from E ¼ Corner Sec. 23

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- Does the permit/registration being amended/modified involve a ground water source(s)?
 Yes No *(Surface water source only.)*

If "Yes", for each authorized point of appropriation (well) involved, you must either:

- A. *Supply a copy of the well log(s) for each point of appropriation that is **clearly labeled** and associated with the corresponding well in the table above and on the accompanying application map.*

(NOTE: You may search for well logs on the Department's website at: www.wrd.state.or.us)

or

- B. *If a well log is **not** available, you must describe the construction of the authorized point of appropriation by completing the table below. Attach additional copies as necessary.*

Construction of Existing Authorized Point(s) of Appropriation – (Only needed if no well log is available.)

Wells in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

OWRD Well No. as identified in table above	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth

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Source and Priority Date	Township	Range	Mer	Sec	¼ ¼ Section	Tax Lot, DLC or Gov't Lot	Acres (if applicable)

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6. PROPOSED PERMIT AMENDMENT OR REGISTRATION MODIFICATION

- Describe proposed changes to the permit or registration involving point(s) of diversion and/or appropriation. Survey coordinates described below should accurately correspond to the points shown on the accompanying application map. Attach additional pages as necessary.

Location of Proposed Point(s) of Diversion or Appropriation: (i.e., the "TO" point(s) of diversion/appropriation)
 (NOTE: Complete this table only if a Change in Point of Diversion or Appropriation is being proposed.)

Source	Township	Range	Mer	Sec	¼ ¼ Section	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey corner)

- If there are proposed point(s) of appropriation (wells) listed in the table above, are the well(s) already constructed? Yes No N/A - No proposed well(s) listed above.

If "Yes", attach and clearly label the corresponding well log(s) for each proposed well, or if well log(s) are **not** available, describe the construction of the well(s) using the table below.

(NOTE: You may search for well logs on the Department's website at: www.wrd.state.or.us)

If "No", describe the anticipated construction for the proposed well(s) in the following table:

Construction of Proposed Point(s) of Appropriation or Well(s):

Well numbers in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

Well already built? (Yes/No)	If an existing well, OWRD Well Log ID No. (or Well ID Tag No. L-)	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
YES	L-67558	SEE LOG	SEE LOG	SEE LOG	SEE LOG	SEE LOG	SEE LOG	SEE LOG	SEE LOG	SEE LOG

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7. AFFECTED DISTRICTS AND LOCAL GOVERNMENTS

- Are any of the Permit(s) or Registration(s) proposed for amendment/modification located within or served by an irrigation or other water district? Yes No
- Will any of the Permit(s) or Registration(s) be located within or served by an irrigation or other water district after the proposed amendment/modification? Yes No
- Is water for any of the Permit(s) or Registration(s) supplied under a water service agreement or other contract for stored water with a federal agency? Yes No

If "Yes", for any of the above, list the name and mailing address of the district and/or agency:

- List the name and mailing address of all affected local governments (e.g., county, city, municipal corporation, and tribal governments within whose jurisdiction the right(s) are located).

8. PERMIT HOLDER OF RECORD

This section is to be completed only for Permit Amendment applications.

N/A – This is a Ground Water Registration Modification application.

- Is the applicant the permit holder of record? Yes No

If "No", the applicant must either:

A. *Be assigned as a permit holder of record by submitting a completed **Request for Assignment** form and the required statutory fee for an assignment;*

or

B. *Submit an **Affidavit of Consent** from the permit holder of record that gives permission for the applicant to amend the permit.*

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10. ATTACHMENTS

*Check each of the following attachments included with this application.
The application will be returned if all required attachments are not included.*

<p>Map:</p> <p><input checked="" type="checkbox"/> A map meeting the requirements of OAR 690-380-3100 must be included but need not be prepared by a Certified Water Right Examiner.</p> <p>Land Use Information Form:</p> <p><input checked="" type="checkbox"/> Enclosed; <i>or</i></p> <p><input type="checkbox"/> Not required if all of the following are met:</p> <ul style="list-style-type: none">❶ In EFU zone or irrigation district;❷ Change in place of use only;❸ No structural changes needed, including diversion works, delivery facilities, other structures; <i>and</i>❹ Irrigation only. <p>Water Well Reports/Well Logs:</p> <p><input checked="" type="checkbox"/> The application involves a ADDITIONAL point of appropriation or change from surface water to ground water and copies of all water well reports are attached.</p> <p><input type="checkbox"/> Water well reports are not available and a description of construction details including well depth, static water level, and information necessary to establish the ground water body developed or proposed to be developed is attached.</p> <p><input type="checkbox"/> N/A. The application does not involve a change in point of appropriation or a change from surface water to ground water, so water well reports are not required.</p>	<p>Fees:</p> <p><input checked="" type="checkbox"/> Amount enclosed: \$ _____ See the Department's Fee Schedule at www.wrd.state.or.us/OWRD/PUBS/forms.shtml or call (503) 986-0900.</p> <p><u>For Permit Amendments Only...</u></p> <p>Request for Assignment:</p> <p><input type="checkbox"/> Enclosed. The applicant is NOT the permit holder of record and needs to be assigned to the permit; OR the landowner of the proposed place of use is NOT the permit holder of record and needs to be assigned to the permit. <i>The Request for Assignment form is available online at: www.wrd.state.or.us/OWRD/PUBS/forms.shtml; or</i></p> <p><input checked="" type="checkbox"/> N/A. The applicant is the permit holder of record and owns or controls the proposed place of use; OR the applicant is not the permit holder of record but is supplying an Affidavit of Consent from the permit holder.</p> <p>Affidavit of Consent:</p> <p><input type="checkbox"/> Enclosed. Because the applicant is NOT the permit holder of record, an Affidavit of Consent is being supplied that gives permission for the applicant to amend the permit; <i>or</i></p> <p><input checked="" type="checkbox"/> N/A. Not required because the applicant is the permit holder of record.</p>
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Before submitting your application to the Department, be sure you have:

- Answered each question completely.
- Included all the required attachments.
- Provided original signatures for **all** named deed holders, or other parties, with an interest in the water right.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

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11. SIGNATURES

- For Ground Water Registration Modification Applications only, check the appropriate one and sign the application in the signature box below:


In accordance with OAR 690-382-0400(16)(a), I (we) understand that prior to Department approval of a permanent modification and upon my receipt of a draft Preliminary Determination for the proposed modification, I (we) will be required [pursuant to OAR 690-382-0700(5)] to provide the following landownership information and evidence demonstrating that I (we) are authorized to pursue the modification:

- (a) A report of ownership and lien information that has been prepared by a title company *within the last three months*;
- (b) A copy of written notification of the proposed modification provided by the applicant to **all** lien holders on the subject lands unless the report of ownership and lien information shows that a water right conveyance agreement has been recorded for the subject lands. *If a water right conveyance agreement has been recorded for the subject lands, a copy of the recorded agreement and a listing of the owner(s) of the lands at the time the agreement was recorded must be submitted; and*
- (c) If the applicant is **not both** the person named on the ground water registration or the assignee **and** the owner of the lands to which the registration is appurtenant, as identified in the report of ownership and lien information, then **either** of the following must be provided:
 - A) Notarized statements consenting to the modification by all persons, other than the applicant, who are named on the ground water registration or identified as landowners in the report of ownership and lien information or who are authorized representatives of an entity to whom the interest in the water right has been conveyed as identified in a water right conveyance agreement; **or**
 - B) Documentation demonstrating that the applicant is authorized to pursue the modification in the absence of consent of the persons named on the ground water registration or the assignee **and** the owner of the lands to which the registration is appurtenant.

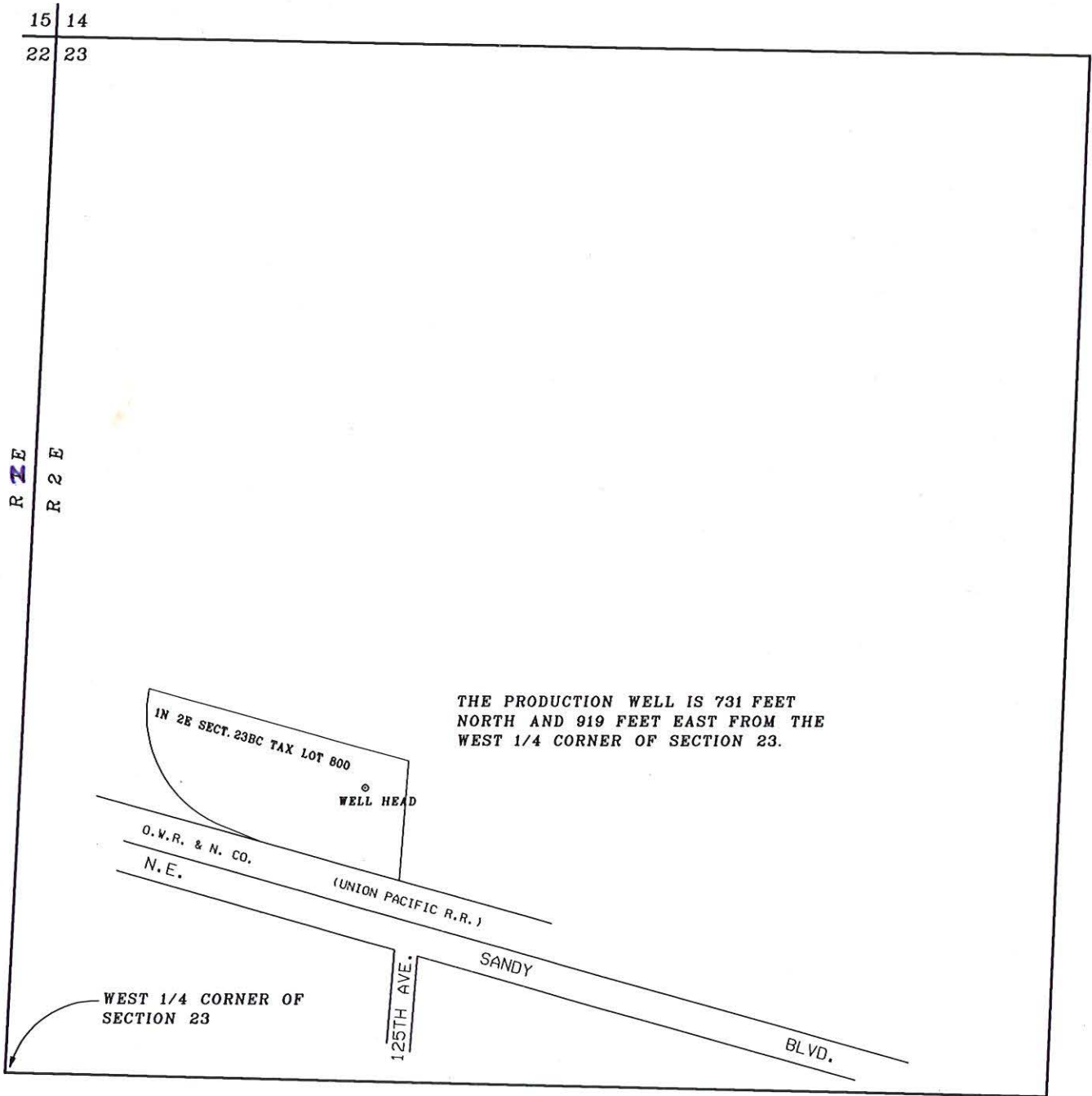
I (we) affirm that the applicant is a municipality, as defined in ORS 540.510(3)(b), and that the right is in the name of the municipality or a predecessor. Therefore, pursuant to OAR 690-382-0400(16)(b), the applicant is **NOT** required to provide the above described report of ownership and lien information.

I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the ground water registration proposed for modification is appurtenant by condemnation. Documentation is provided with this application supporting this statement. Therefore, pursuant to OAR 690-382-0400(16)(c), the applicant is **NOT** required to provide the above described report of ownership and lien information. (NOTE: Such an entity may only apply for recognition of a modification under this subsection if it has filed a condemnation action to acquire the property and deposited the funds with the court as required by ORS 35.265.)

- For both Permit Amendment and Ground Water Registration Modification Applications, I (we) affirm that the information contained in this application is true and accurate.

	THOMPSON M. WARREN	11/14/07
applicant signature	name (print)	date
_____	_____	_____
applicant signature	name (print)	date

APPLICATION MAP FOR PERMIT G-8755 AMENDMENT
 CITY OF PORTLAND WATER BUREAU
 SECTION 23, TOWNSHIP 1 NORTH, RANGE 2 EAST IN THE WILLAMETTE MERIDIAN
 1 INCH = 400 FEET



THE PRODUCTION WELL IS 731 FEET
 NORTH AND 919 FEET EAST FROM THE
 WEST 1/4 CORNER OF SECTION 23.

THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION
 OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE
 INFORMATION RELATIVE TO THE LOCATION OF PROPERTY
 OWNERSHIP BOUNDARY LINES.

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T 10489

Mult 73084

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

Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 162056
(START CARD) # 162056

JUL 09 2007

(1) OWNER: Well Number 38
Name City of Portland
Address 1120 SW Fifth Ave
City Portland State OR Zip 97204

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other reverse circulation

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 635 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
28"	0	8'	cement	0	8'	20 bags
24"	0	505	cement bent.	8	495'	4,200 gallons
18"	505'	639'				

How was seal placed: Method A B C D E
 Other _____

Backfill placed from 635 ft. to 618 ft. Material pea gravel
Gravel placed from 481 ft. to 618 ft. Size of gravel 8x16 csa

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing 24"	+1'	8'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20"	9'	495'	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24" to 20"	8'	9'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
reducer				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type v-wire Material stainless

From	To	Slot size	Number	Diameter 12"	Tele/plpe size	Casing	Liner
(SEE ATTACHED DESIGN)							
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time 1 hr.
2700	260		48 hr

Temperature of water 52 F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom CH2M HILL
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Multnomah Latitude _____ Longitude _____
Township 1 N Range 2 SALEM, OREGON WM.
Section 23 SW 1/4 NW 1/4
Tax Lot 800 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 4800 NE 122nd Ave, Portland, OR

(10) STATIC WATER LEVEL:
10.6 ft. below land surface. Date 3/15/04
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found: 30'

From	To	Estimated Flow Rate	SWL
30'	223'	NA Mud Rotary	
231'	454'	NA Mud Rotary	
509'	569'	NA Flooded Rev Clrc	
677'	614'		

(12) WELL LOG:
Ground Elevation 2004

Material	From	To	SWL
soil	0	5'	
gravel w/ boulders	5'	22'	
cemented gravel w/ cobbles	22'	72'	
cemented gravel	72'	117'	
cemented gravel w/ cobbles	117'	223'	
green clay w/ claystone	223'	231'	
green course sand	231'	378'	
black sand	378'	405'	
black sand w/ gravel	405'	454'	
green clay w/ sand	454'	495'	
cemented sand and clay	495'	505'	
clay - brown	505'	509'	
sand (medium) w/ gravels	509'	539'	
cemented gravels	539'	554'	
gravels & sand	554'	569'	
clay - brown to grey	569'	577'	
gravels and sand	577'	614'	
clay - blue grey	614'	635'	

Date started 10/27/03 Completed 4/27/04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed _____ WWC Number 1523
Date 6/08/04

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed _____ WWC Number 1464
Date 6/8/04

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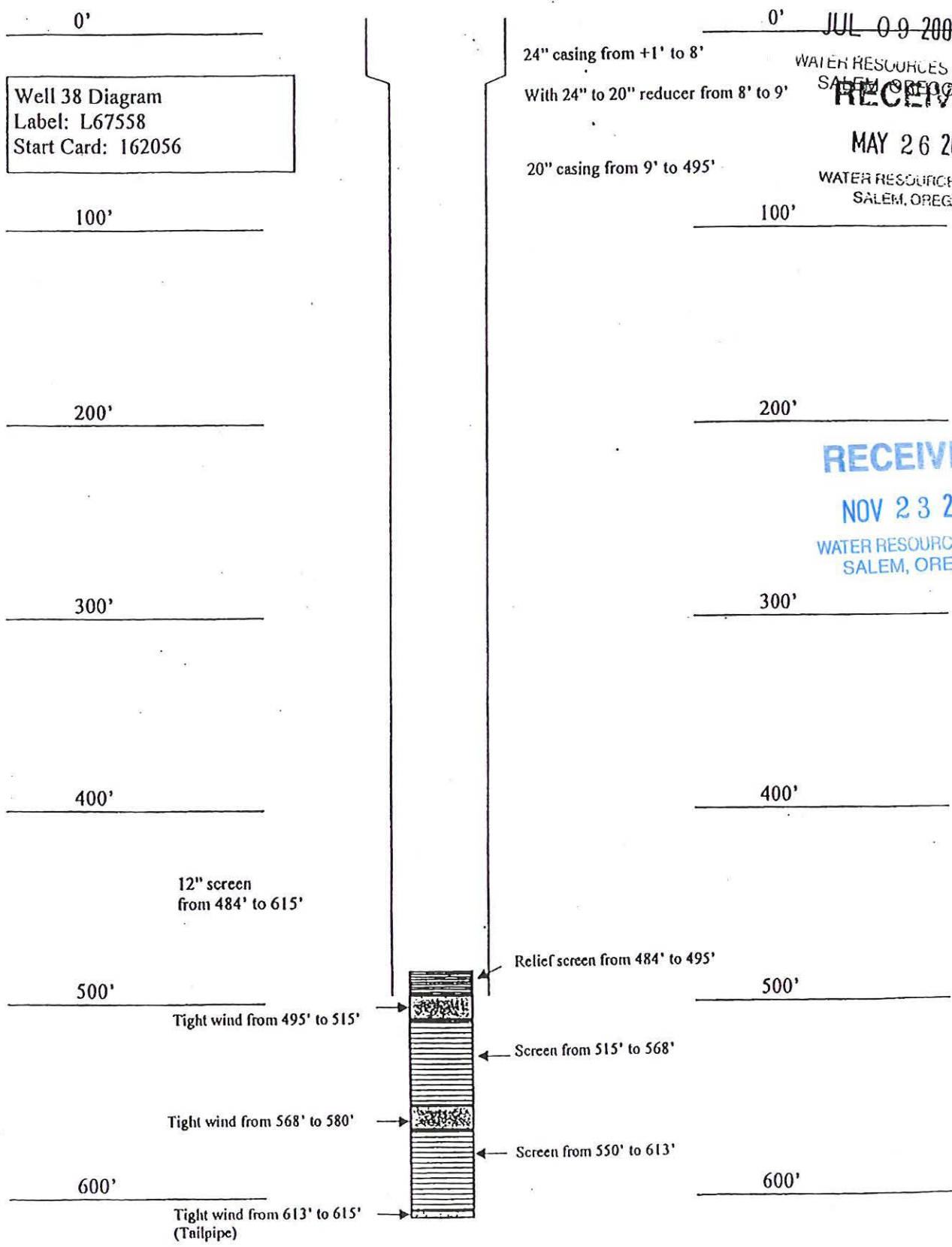
MAY 26 2004

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Well 38 Diagram
Label: L67558
Start Card: 162056

24" casing from +1' to 8'
With 24" to 20" reducer from 8' to 9'

20" casing from 9' to 495'

12" screen
from 484' to 615'

Tight wind from 495' to 515'

Tight wind from 568' to 580'

Tight wind from 613' to 615'
(Tailpipe)

Relief screen from 484' to 495'

Screen from 515' to 568'

Screen from 550' to 613'

6. The amount of water which the applicant intends to apply to beneficial use is 390 cubic feet per second or 175,000 gallons per minute. *Refer to enclosure with letter from the City of Portland dated Dec. 28, 1979 for breakdown of this amount from each well.*

7. The use to which the water is to be applied is to provide an emergency and supplemental water supply for the Portland municipal water system.

8. 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. Some wells will be capable of low pressure artesian flow (less than 10 psi) during periods of high water levels in the Columbia River. Any such flows will be restrained by valves.

9. If the location of the well, or other development work is less than one-fourth mile from a natural stream channel, give the distance to the channel and the difference in elevation between the stream bed and the ground surface at the source of development. Minimum difference in elevation between proposed facilities and stream bed of Columbia River (lies adjacent to the well field) or Columbia Sloughs (lies within boundary of well field) is 20 feet.

10. **DESCRIPTION OF WORKS**

Include length and dimensions of supply ditch or pipeline, size and type of pump and motor, type of irrigation system to adequately describe the proposed distribution system. The construction project will consist initially of installation of ~~approximately~~ 30 wells with a 100 mgd combined nominal capacity and a 250 mgd combined maximum capacity. The wells will be located along the Columbia River at distances south of the river embankment varying from several hundred feet to one mile. These wells will be pumped through a network of collector pipelines to a three million gallon reservoir to be constructed near N.E. 158th Ave. and the future N.E. Inverness Drive. These collector pipelines will vary in diameter from 8 to 54 in and have a total length of about 9 miles. From this reservoir a pump station will be constructed to pump the water through a new transmission main in NE and SE 162nd Ave. to 50-million gallon reservoir now under construction on Powell Butte. This transmission main will vary in diameter from 60 to 90 inches and have a total length of about 5 miles. The well pumps will be 1,000 to 5,000 gpm vertical turbine with 100 to 350 hp 3-phase motors. The transmission line pumps will be 500 to 1,000 gpm vertical turbine pumps with 500 to 1,000 hp 3-phase motors.

These proposed facilities will be constructed in 2 phases, each with a nominal capacity of 50 mgd. Phase I is scheduled for completion by June 30, 1984, and the water can be put to beneficial use at that time. Phase II is scheduled for completion by October 1, 1987.

11. Construction work will begin on or before August, 1979

12. Construction work will be completed on or before October 1, 1987

13. The water will be completely applied to the proposed use on or before October 1, 1987

14. If the ground water supply is supplemental to an existing supply, identify the supply and existing water right. City of Portland has water rights to full flow of the Bull Run River by water rights on file in the Clackamas County Courthouse in Oregon City.

Application No. G-7578

Permit No. G 8755

St. 304/11/1980
20

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1S	1E	32	N $\frac{1}{4}$
1S	1E	32	SE $\frac{1}{4}$
1S	1E	33	All
1S	1E	34	All
1S	1E	35	W $\frac{1}{2}$
1S	1E	35	W $\frac{1}{2}$ NE $\frac{1}{4}$
1S	1E	35	W $\frac{1}{2}$ SE $\frac{1}{4}$

Application No. G-7578
 Permit No. G 8755

Township	Range	Section	List $\frac{1}{4}$ of Section
2N	1E	19	SW $\frac{1}{4}$ SW $\frac{1}{4}$
2N	1E	29	S $\frac{1}{2}$ SW $\frac{1}{4}$
2N	1E	30	W $\frac{1}{2}$
2N	1E	30	SE $\frac{1}{4}$
2N	1E	30	SW $\frac{1}{4}$ NE $\frac{1}{4}$
2N	1E	31	All
2N	1E	32	All
2N	1E	33	SW $\frac{1}{4}$
2N	1E	33	S $\frac{1}{2}$ SE $\frac{1}{4}$
2N	1E	34	SW $\frac{1}{4}$ SW $\frac{1}{4}$
2S	1E	6	W $\frac{1}{2}$ NW $\frac{1}{4}$
2S	1E	6	W $\frac{1}{2}$ SW $\frac{1}{4}$
2S	1E	7	W $\frac{1}{2}$ NW $\frac{1}{4}$
2S	1E	7	NW $\frac{1}{4}$ SW $\frac{1}{4}$
2S	1E	19	W $\frac{1}{2}$ NW $\frac{1}{4}$
2S	1E	19	SE $\frac{1}{4}$ NW $\frac{1}{4}$
2S	1E	19	SW $\frac{1}{4}$
2S	1E	19	W $\frac{1}{2}$ SE $\frac{1}{4}$
2S	1W	1	E $\frac{1}{2}$
2S	1W	12	E $\frac{1}{2}$ NW $\frac{1}{4}$ (See page 10)
2S	1W	12	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	1W	1	All
1S	1W	2	All
1S	1W	3	All
1S	1W	4	All
1S	1W	5	All
1S	1W	6	All
1S	1W	7	All
1S	1W	8	All
1S	1W	9	All
1S	1W	10	All
1S	1W	11	All
1S	1W	12	All
1S	1W	13	All
1S	1W	14	All
1S	1W	15	All
1S	1W	16	All
1S	1W	17	N $\frac{1}{2}$
1S	1W	17	SE $\frac{1}{4}$
1S	1W	17	N $\frac{1}{2}$ SW $\frac{1}{4}$
1S	1W	17	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	1W	18	All
1S	1W	19	N $\frac{1}{2}$
1S	1W	19	SW $\frac{1}{4}$
1S	1W	19	N $\frac{1}{2}$ SE $\frac{1}{4}$
1S	1W	19	SW $\frac{1}{4}$ SE $\frac{1}{4}$

Application No. G-7578

Permit No. G 8755

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{2}$ of Section
1S	3E	21	NW $\frac{1}{2}$
1S	3E	21	NE $\frac{1}{2}$
1S	3E	21	N $\frac{1}{2}$ SE $\frac{1}{2}$
1S	3E	21	SE $\frac{1}{2}$ SE $\frac{1}{2}$
1S	3E	21	NW $\frac{1}{2}$ SW $\frac{1}{2}$
1S	3E	21	NE $\frac{1}{2}$ SW $\frac{1}{2}$
1S	3E	22	NW $\frac{1}{2}$ NE $\frac{1}{2}$
1S	3E	22	NW $\frac{1}{2}$
1S	3E	22	SW $\frac{1}{2}$
1N	3E	19	All
1N	3E	20	W $\frac{1}{2}$
1N	3E	28	SW $\frac{1}{2}$
1N	3E	29	All
1N	3E	30	All
1N	3E	31	All
1N	3E	32	All
1N	3E	33	S $\frac{1}{2}$
1N	3E	33	NW $\frac{1}{2}$
1N	3E	33	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	3E	34	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	3E	34	W $\frac{1}{2}$ SW $\frac{1}{2}$
1N	3E	34	SE $\frac{1}{2}$ SW $\frac{1}{2}$
1N	3E	34	S $\frac{1}{2}$ SE $\frac{1}{2}$
1N	3E	35	W $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	4	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	5	NW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	2E	5	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	2E	5	SE $\frac{1}{2}$ NW $\frac{1}{2}$
1N	2E	5	SW $\frac{1}{2}$
1N	2E	5	NW $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2E	5	SW $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2E	5	SE $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2E	6	All
1N	2E	7	All
1N	2E	8	All
1N	2E	9	NW $\frac{1}{2}$
1N	2E	9	SW $\frac{1}{2}$
1N	2E	9	SE $\frac{1}{2}$
1N	2E	9	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2E	10	NW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	10	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	10	SE $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	13	S $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2E	13	S $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2E	14	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	2E	14	SW $\frac{1}{2}$
1N	2E	14	SE $\frac{1}{2}$
1N	2E	15	W $\frac{1}{2}$
1N	2E	15	SE $\frac{1}{2}$

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1N	2E	15	W $\frac{1}{2}$ NE $\frac{1}{4}$
1N	2E	15	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1N	2E	16	All
1N	2E	17	All
1N	2E	18	All
1N	2E	19	All
1N	2E	20	All
1N	2E	21	All
1N	2E	22	All
1N	2E	23	All
1N	2E	24	All
1N	2E	25	All
1N	2E	26	All
1N	2E	27	All
1N	2E	28	All
1N	2E	29	All
1N	2E	30	All
1N	2E	31	All
1N	2E	32	All
1N	2E	33	All
1N	2E	34	All
1N	2E	35	All
1N	2E	36	All
1S	2E	1	All
1S	2E	2	All
1S	2E	3	All
1S	2E	4	All
1S	2E	5	All
1S	2E	6	All
1S	2E	7	All
1S	2E	8	All
1S	2E	9	All
1S	2E	10	All
1S	2E	11	All
1S	2E	12	All
1S	2E	13	All
1S	2E	14	All
1S	2E	15	All
1S	2E	16	All
1S	2E	17	All
1S	2E	18	All
1S	2E	19	All
1S	2E	20	All
1S	2E	21	All
1S	2E	22	All
1S	2E	23	All
1S	2E	24	All

Application No. **G-7578**
 Permit No. **G 8755**

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{4}$ of Section
1S	2E	25	N $\frac{1}{2}$ NW $\frac{1}{4}$
1S	2E	25	E $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	25	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	2E	26	NW $\frac{1}{4}$
1S	2E	26	N $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	27	N $\frac{1}{2}$ NE $\frac{1}{4}$
1S	2E	27	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	2E	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	2E	29	W $\frac{1}{2}$ NW $\frac{1}{4}$
1S	2E	29	W $\frac{1}{2}$ SW $\frac{1}{4}$
1S	2E	30	NE $\frac{1}{4}$
1S	2E	30	SE $\frac{1}{4}$
1N	1E	1	All
1N	1E	2	S $\frac{1}{2}$
1N	1E	2	S $\frac{1}{2}$ NW $\frac{1}{4}$
1N	1E	2	S $\frac{1}{2}$ NE $\frac{1}{4}$
1N	1E	3	All
1N	1E	4	All
1N	1E	5	All
1N	1E	6	All
1N	1E	7	All
1N	1E	8	All
1N	1E	9	All
1N	1E	10	All
1N	1E	11	All
1N	1E	12	All
1N	1E	13	All
1N	1E	14	All
1N	1E	15	All
1N	1E	16	All
1N	1E	17	All
1N	1E	18	All
1N	1E	19	All
1N	1E	20	All
1N	1E	21	All
1N	1E	22	All
1N	1E	23	All
1N	1E	24	All
1N	1E	25	All
1N	1E	26	All
1N	1E	27	All
1N	1E	28	All
1N	1E	29	All
1N	1E	30	S $\frac{1}{2}$
1N	1E	30	NE $\frac{1}{4}$
1N	1E	30	SW NW $\frac{1}{4}$
1N	1E	30	SE NW $\frac{1}{4}$
1N	1E	30	NE NW $\frac{1}{4}$

Application No. G-7578

Permit No. G 8755

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{4}$ of Section
1N	1E	31	W $\frac{1}{2}$
1N	1E	31	SE $\frac{1}{4}$
1N	1E	31	S $\frac{1}{2}$ NE $\frac{1}{4}$
1N	1E	32	E $\frac{1}{2}$
1N	1E	32	SW $\frac{1}{4}$
1N	1E	32	E $\frac{1}{2}$ NW $\frac{1}{4}$
1N	1E	32	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1N	1E	33	All
1N	1E	34	All
1N	1E	35	All
1N	1E	36	All
1S	1E	1	All
1S	1E	2	All
1S	1E	3	All
1S	1E	4	All
1S	1E	5	All
1S	1E	6	All
1S	1E	7	All
1S	1E	8	All
1S	1E	9	All
1S	1E	10	All
1S	1E	11	All
1S	1E	12	All
1S	1E	13	All
1S	1E	14	All
1S	1E	15	All
1S	1E	16	All
1S	1E	17	All
1S	1E	18	All
1S	1E	19	All
1S	1E	20	All
1S	1E	21	All
1S	1E	22	All
1S	1E	23	All
1S	1E	24	All
1S	1E	25	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	1E	25	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	1E	26	NE $\frac{1}{4}$
1S	1E	26	NW $\frac{1}{4}$
1S	1E	26	W $\frac{1}{2}$ SW $\frac{1}{4}$
1S	1E	27	All
1S	1E	28	All
1S	1E	29	All
1S	1E	30	All
1S	1E	31	All

Application No. G-7578
 Permit No. G 8755

WELL LOCATIONS AND CAPACITIES

*W.M. County of Multnomah

WEST WELL FIELD

Well No.	Location	Water Source	Nominal Capacity (gpm)	Maximum Capacity (gpm)
1	T1N R2E Sec. 16 SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 27.8	TGA	5000	12,500
2	T1N R2E Sec. 16 NE $\frac{1}{4}$ of SE $\frac{1}{4}$ 27.8	TGA	5000	12,500
3	T1N R2E Sec. 15 NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 27.8	TGA	5000	12,500
4	T1N R2E Sec. 15 NE $\frac{1}{4}$ of SW $\frac{1}{4}$ 27.8	TGA	5000	12,500
5	T1N R2E Sec. 15 NW $\frac{1}{4}$ of SE $\frac{1}{4}$ 27.9	TGA	5000	12,500
6	T1N R2E Sec. 10 SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.5	TSA	1000	2,500
7	T1N R2E Sec. 15 SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.6	TSA	1000	2,500
8	T1N R2E Sec. 16 SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.6	TSA	1000	2,500
9	T1N R2E Sec. 15 NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.6	TSA	1000	2,500
10	T1N R2E Sec. 15 SE $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.6	TSA	1000	2,500
11	T1N R2E Sec. 10 SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 5.6	UCRS	1000	2,500
12	T1N R2E Sec. 15 NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 5.6	UCRS	1000	2,500
13	T1N R2E Sec. 15 SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.6	UCRS	1000	2,500
14	T1N R2E Sec. 15 SW $\frac{1}{4}$ of NW $\frac{1}{4}$ 11.1	LCRS	2000	5,000

EAST WELL FIELD

1	T1N R2E Sec. 14 SE $\frac{1}{4}$ of SE $\frac{1}{4}$ 16.7	SRMA	3000	7,500
2	T1N R2E Sec. 13 SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 16.7	SRMA	3000	7,500
3	T1N R2E Sec. 24 SE $\frac{1}{4}$ of NW $\frac{1}{4}$ 8.4	TSA	1500	3,750
4	T1N R2E Sec. 24 NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 13.9	SRMA	2500	6,250
5	T1N R2E Sec. 24 NE $\frac{1}{4}$ of NE $\frac{1}{4}$ 13.9	SRMA	2500	6,250
6	T1N R2E Sec. 24 SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 13.9	SRMA	2500	6,250
7	T1N R3E Sec. 19 NW $\frac{1}{4}$ of NW $\frac{1}{4}$ 5.6	TSA	1000	2,500
8	T1N R3E Sec. 19 SW $\frac{1}{4}$ of NW $\frac{1}{4}$ 5.6	TSA	1000	2,500
9	T1N R3E Sec. 19 NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 13.9	SRMA	2500	6,250
10	T1N R3E Sec. 19 SE $\frac{1}{4}$ of NW $\frac{1}{4}$ 13.9	SRMA	2500	6,250
11	T1N R3E Sec. 19 NW $\frac{1}{4}$ of NE $\frac{1}{4}$ 5.6	TSA	1000	2,500
12	T1N R3E Sec. 20 SW $\frac{1}{4}$ of SW $\frac{1}{4}$ 8.4	SRMA	1500	3,750
13	T1N R3E Sec. 20 NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 8.4	SRMA	1500	3,750
14	T1N R3E Sec. 20 SE $\frac{1}{4}$ of NE $\frac{1}{4}$ 11.1	SRMA	2000	5,000
15	T1N R3E Sec. 21 NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 19.5	BLA	3500	8,750
16	T1N R3E Sec. 21 SW $\frac{1}{4}$ of NE $\frac{1}{4}$ 19.5	BLA	3500	8,750

Totals 30 -- 70,000 gpm 175,000 gpm

RECEIVED
DEC 28 1979

Application No. G-7578
Permit No. 0 0111

SUPPLEMENT NO. 2 (REVISED 1/17/80)

LIST OF AREAS BENEFITED BY GROUNDWATER

Note: For use, see Item No. 7

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section
1S	3E	1	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	1	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	1	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	1	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	2	All
1S	3E	3	All
1S	3E	4	All
1S	3E	5	All
1S	3E	6	All
1S	3E	7	All
1S	3E	8	All
1S	3E	9	All
1S	3E	10	All
1S	3E	11	All
1S	3E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	12	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$
1S	3E	14	SW $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	14	NW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	14	SW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	15	All
1S	3E	16	All
1S	3E	17	All
1S	3E	18	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	18	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	SW $\frac{1}{4}$ NE $\frac{1}{4}$
1S	3E	18	NE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	18	NW $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	18	SE $\frac{1}{4}$ SE $\frac{1}{4}$
1S	3E	19	NW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$
1S	3E	19	NW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	19	SW $\frac{1}{4}$ SW $\frac{1}{4}$
1S	3E	20	NE $\frac{1}{4}$
1S	3E	20	NE $\frac{1}{4}$ SE $\frac{1}{4}$

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 Permit No. G 8755

RECEIVED
 JAN 17 1980
 WATER RESOURCES DEPT
 SALEM, OREGON

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{2}$ of Section
1S	1W	20	NE $\frac{1}{2}$
1S	1W	20	SE $\frac{1}{2}$
1S	1W	20	SW $\frac{1}{2}$
1S	1W	20	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	21	All
1S	1W	22	All
1S	1W	23	All
1S	1W	24	All
1S	1W	25	All
1S	1W	26	All
1S	1W	27	All
1S	1W	28	E $\frac{1}{2}$
1S	1W	28	E $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	28	E $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	29	SW $\frac{1}{2}$
1S	1W	29	SE $\frac{1}{2}$
1S	1W	29	N $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	29	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	30	All
1S	1W	33	NE $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	33	N $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	33	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1S	1W	33	S $\frac{1}{2}$ SE $\frac{1}{2}$
1S	1W	34	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	34	N $\frac{1}{2}$ NW $\frac{1}{2}$
1S	1W	34	NE $\frac{1}{2}$
1S	1W	34	SE $\frac{1}{2}$
1S	1W	34	E $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	34	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1S	1W	35	All
1S	1W	36	All
1N	1W	1	All
1N	1W	2	All
1N	1W	3	All
1N	1W	4	S $\frac{1}{2}$
1N	1W	4	S $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	4	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	4	NW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	4	NE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	5	NE $\frac{1}{2}$
1N	1W	5	SE $\frac{1}{2}$
1N	1W	5	N $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	5	SE $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	6	E $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	9	E $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	10	E $\frac{1}{2}$
1N	1W	10	NW $\frac{1}{2}$
1N	1W	11	All
1N	1W	12	All
1N	1W	13	All
1N	1W	14	All

Township	Range	Section	List $\frac{1}{2}$ $\frac{1}{2}$ of Section
1N	1W	15	E $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	15	E $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	18	SE $\frac{1}{2}$
1N	1W	18	E $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	18	SE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	19	E $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	19	W $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	19	SE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	19	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	19	SW $\frac{1}{2}$
1N	1W	19	SE $\frac{1}{2}$
1N	1W	20	SW $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	20	SW $\frac{1}{2}$
1N	1W	20	W $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	21	NW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	21	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	23	All
1N	1W	24	All
1N	1W	25	All
1N	1W	26	S $\frac{1}{2}$
1N	1W	26	NE $\frac{1}{2}$
1N	1W	26	W $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	26	SE $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	27	E $\frac{1}{2}$
1N	1W	27	E $\frac{1}{2}$ NW $\frac{1}{2}$
1N	1W	27	E $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	28	NW $\frac{1}{2}$
1N	1W	28	SW $\frac{1}{2}$
1N	1W	28	W $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	28	SE $\frac{1}{2}$ SE $\frac{1}{2}$
1N	1W	28	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1N	1W	29	All
1N	1W	30	E $\frac{1}{2}$
1N	1W	30	NW $\frac{1}{2}$
1N	1W	30	E $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	31	E $\frac{1}{2}$
1N	1W	31	NW $\frac{1}{2}$
1N	1W	31	E $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	31	NW $\frac{1}{2}$ SW $\frac{1}{2}$
1N	1W	32	All
1N	1W	33	All
1N	1W	34	All
1N	1W	35	All
1N	1W	36	All
1N	2W	13	All
1N	2W	14	NE $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2W	14	NE $\frac{1}{2}$ NE $\frac{1}{2}$

Application No. G-7578
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Township	Range	Section	List $\frac{1}{2}$ of Section
1N	2W	14	SE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	14	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	14	NW $\frac{1}{2}$
1N	2W	23	NW $\frac{1}{2}$
1N	2W	23	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	23	NE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	23	N $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2W	24	NW $\frac{1}{2}$
1N	2W	24	SW $\frac{1}{2}$
1N	2W	24	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	24	SE $\frac{1}{2}$
1N	2W	25	N $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	25	SW $\frac{1}{2}$
1N	2W	25	SE $\frac{1}{2}$
1N	2W	26	S $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	26	SE $\frac{1}{2}$
1N	2W	34	E $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2W	34	SE $\frac{1}{2}$ NE $\frac{1}{2}$
1N	2W	35	E $\frac{1}{2}$
1N	2W	35	SW $\frac{1}{2}$
1N	2W	35	S $\frac{1}{2}$ NW $\frac{1}{2}$
1N	2W	36	N $\frac{1}{2}$
1N	2W	36	N $\frac{1}{2}$ SW $\frac{1}{2}$
1N	2W	36	N $\frac{1}{2}$ SE $\frac{1}{2}$
1N	2W	36	SW $\frac{1}{2}$ SW $\frac{1}{2}$
1S	2W	1	S $\frac{1}{2}$
1S	2W	1	S $\frac{1}{2}$ NW $\frac{1}{2}$
1S	2W	1	SW $\frac{1}{2}$ NE $\frac{1}{2}$
1S	2W	2	SE $\frac{1}{2}$
1S	2W	2	NE $\frac{1}{2}$ SW $\frac{1}{2}$
1S	2W	10	N $\frac{1}{2}$ NE $\frac{1}{2}$
1S	2W	11	N $\frac{1}{2}$
1S	2W	12	All
1S	2W	13	All
1S	2W	14	E $\frac{1}{2}$ SE $\frac{1}{2}$
1S	2W	23	E $\frac{1}{2}$ NE $\frac{1}{2}$
1S	2W	23	NE $\frac{1}{2}$ SE $\frac{1}{2}$
1S	2W	24	All
1S	2W	25	N $\frac{1}{2}$
1S	2W	25	NE $\frac{1}{2}$ SW $\frac{1}{2}$
1S	2W	25	NE $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	17	SE $\frac{1}{2}$ SW $\frac{1}{2}$
2N	1W	18	S $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	18	NW $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	19	E $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	19	NW $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	20	All
2N	1W	21	SW $\frac{1}{2}$
2N	1W	21	NW $\frac{1}{2}$

Township	Range	Section	List $\frac{1}{2}$ of Section
2N	1W	24	All
2N	1W	25	All
2N	1W	26	All
2N	1W	28	NW $\frac{1}{2}$
2N	1W	28	SE $\frac{1}{2}$
2N	1W	28	NE $\frac{1}{2}$ SW $\frac{1}{2}$
2N	1W	28	W $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	29	N $\frac{1}{2}$ NW $\frac{1}{2}$
2N	1W	29	N $\frac{1}{2}$ NE $\frac{1}{2}$
2N	1W	32	SE $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	32	SW $\frac{1}{2}$ SE $\frac{1}{2}$
2N	1W	34	All
2N	1W	35	All
2N	1W	36	All
2S	1W	1	All
2S	1W	2	All
2S	1W	3	All
2S	1W	4	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	4	E $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	4	E $\frac{1}{2}$
2S	1W	9	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	9	E $\frac{1}{2}$
2S	1W	10	All
2S	1W	11	All
2S	1W	12	All
2S	1W	13	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	13	NE $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	13	NW $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	13	S $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	13	S $\frac{1}{2}$ NE $\frac{1}{2}$
2S	1W	13	SE $\frac{1}{2}$
2S	1W	14	N $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	14	SE $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	14	E $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	14	E $\frac{1}{2}$
2S	1W	23	All
2S	1W	24	All
2S	1W	25	W $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	25	NW $\frac{1}{2}$
2S	1W	26	E $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1W	26	NE $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1W	26	N $\frac{1}{2}$ SE $\frac{1}{2}$
2S	1W	26	NE $\frac{1}{2}$
2S	1W	36	NW $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	6	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	6	W $\frac{1}{2}$ SW $\frac{1}{2}$
2S	1E	7	W $\frac{1}{2}$ NW $\frac{1}{2}$
2S	1E	7	NW $\frac{1}{2}$ SW $\frac{1}{2}$

Application No. G-7578
 Permit No. G 8755

SUPPLEMENT NO. 3

The City of Portland water system serves approximately 700,000 people living in or adjacent to the City. The customers are supplied by a single water source, the Bull Run River, through three pipelines running 26 miles from the headworks facility to terminal storage facilities in the City.

The Bull Run River's water quality occasionally does not meet the current U. S. Environmental Protection Agencies' requirements for drinking water. In addition, the pipelines conveying the water supply to the City are susceptible to destruction and/or damage by landslides and by sabotage where the pipes cross several bridges. Due to the potential for a loss of the Bull Run River supply and the effect such a loss would have on the economic livelihood of the Portland Metropolitan Area, an emergency water supply system is considered a necessary requirement for continued development of the Portland Metropolitan Area.

The quantity of appropriation requested is based upon a need to provide a minimal water supply of 100 mgd for the system, if the Bull Run River supply were not available for a ninety-day period. A 100 mgd supply coupled with water conservation measures is sufficient to prevent the closures of most businesses due to lack of water. The 250 mgd maximum, short term capacity is requested to provide sufficient capacity to meet the demands on the water system without special conservation measures by the customers if the Bull Run supply is unavailable for a period of less than three days.

The demand for water placed on the Portland Water System by water districts serviced by the Portland System have been increasing and are projected to continue this increase. Several of these customers with very large potential water use, such as Wolf Creek Water District, have signed twenty-five-year agreements with Portland for water service. The total system demands are projected to exceed the system's water supply capability prior to the completion of the groundwater supply system proposed herein. The groundwater system is, therefore, required to supplement the existing system in an ever-increasing capacity, limited to 100 mgd, during periods of high demand for water.

Application No. G-7578
Permit No. G 8755

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SUPPLEMENT NO. 1

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* W. M. COUNTY OF MULTNOMAH

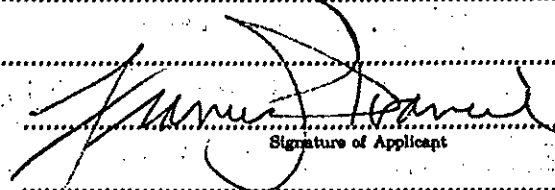
WEST WELL FIELD					
WELL NO.	REFERENCE POINT *	LOCATION IN FT.			
		N	S	E	W
1 & 8	N.E. COR. SEC. 16 T1N R2E		2250		1650
2	S.E. COR. SEC. 16 T1N R2E	2100			650
3 & 9	S.W. COR. SEC. 15 T1N R2E	2050		550	
4	N.W. COR. SEC. 15 T1N R2E		3150	2050	
5	N.E. COR. SEC. 15 T1N R2E		3400		1650
6 & 11	S.W. COR. SEC. 10 T1N R2E	650		150	
7 & 13	N.E. COR. SEC. 15 T1N R2E		2550		850
10	S.E. COR. SEC. 15 T1N R2E	1150			2700
12	N.W. COR. SEC. 15 T1N R2E		450	1500	
14	" "		1650	700	
EAST WELL FIELD					
1	S.E. COR. SEC. 13 T1N R2E	400			6000
2	" "	150			4000
3	N.E. COR. SEC. 24 T1N R2E		1750		3550
4	" "		3300		4500
5	" "		500		1350
6	" "		2200		1250
7	N.W. COR. SEC. 19 T1N R3E		700	150	
8	" "		2500	200	
9	" "		850	1650	
10	" "		2450	1650	
11	N.E. COR. SEC. 19 T1N R3E		1300		1450
12	N.W. COR. SEC. 20 T1N R3E		4050	850	
13	" "		1300	1550	
14	N.E. COR. SEC. 20 T1N R3E		1700		1100
15	N.W. COR. SEC. 21 T1N R3E		1000	2300	
16	" "		1400	3300	

Application No. G-7578

Permit No. G 8755

Remarks: The proposed wells will withdraw water from aquifers directly or indirectly in hydraulic communication with the waters of the Columbia River, assuring a lasting source of recharge for the aquifers utilized. The Bureau's Groundwater Study has identified four such aquifers within the area selected for the Portland Well Field. Few recorded existing wells presently use the aquifers proposed for development and placement of the wells is structured to prevent undue interference with the existing wells.

For further remarks, see Supplement No. 3.


Signature of Applicant

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 Water Resources Director with corrections on or before....., 19.....

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

Water Resources Director

By

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 12TH day of November, 19.76, at 3:18 o'clock P.M.

Application No. G-7578

Permit No. G 8755

Permit to Appropriate the Public Waters of the State of Oregon

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD 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 390 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 30 wells being (from West Well Field) 27.8 cfs #1, 27.8 cfs #2, 27.8 cfs #3, 27.8 cfs #4, 27.9 cfs #5, 5.5 cfs #6, 56. cfs #7, 5.6 cfs #8, 5.6 cfs #9, 5.6 cfs #10, 5.6 cfs #11, 5.6 cfs #12, 5.6 cfs #13, 11.1 cfs #14, and (from East Well Field) 16.7 cfs ***

The use to which this water is to be applied is...to provide an emergency and supplemental water supply for the Portland Municipal water system.

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;

*** #1, 16.7 cfs #2, 8.4 cfs #3, 13.9 cfs #4, 13.9 cfs #5, 13.9 cfs #6, 5.6 cfs #7, 5.6 cfs #8, 13.9 cfs #9, 13.9 cfs #10, 5.6 cfs #11, 8.4 cfs #12, 8.4 cfs #13, 11.1 cfs #14, 19.5 cfs #15, 19.5 cfs #16.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer. The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. 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 November 12, 1976

Actual construction work shall begin on or before August, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981

Extended to Oct. 1, 1986 Extended to October 1, 1991, 10-1-91, ext. BCD1 Complete application of the water to the proposed use shall be made on or before October 1, 1982

Extended to Oct. 1, 1986 Extended to October 1, 1991, 10-1-91 WITNESS my hand this 25th day of February, 1980

James E. Dixon Water Resources Director



Randy Leonard, Commissioner
David G. Shaff, Administrator
1120 SW 5th Avenue, Room 600
Portland, Oregon 97204-1926
Information: 503-823-7404
www.portlandonline.com/water



An Equal Opportunity Employer

November 23, 2007

Oregon Water Resources Dept.
725 Summer St. NE Suite A
Salem, Oregon 97301-1266

RE: Amendment to Permit G-8755

To whom it may concern;

On August 13, 2007, WRD issued LL-1082 to City of Portland Water Bureau (PWB).

Condition # 8 on Page 4 of LL-1082 states that applicant (PWB) shall submit an application to amend Permit G-8755 by December 13, 2007.

Normally the WRD would not accept a Permit amendment application for a permit that does not have a valid extension. Since WRD has required PWB to submit a Permit amendment, they have stated that they will accept the Permit amendment application.

PWB also recognizes that action on this permit amendment will not take place until the Extension for Permit G-8755 has been finalized.

This letter accompanies application for Amendment to Permit G-8755.

Please contact me if you have any questions about this matter.

Sincerely;

Thom Warren PLS 2313 CWRE 139 State of Oregon

Engineering Survey Manager
Portland Water Bureau
1120 SW 5th Room 500
Portland, Oregon 97204

(503)823-7524

twarren@water.ci.portland.or.us

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SALEM, OREGON

T 10489



Oregon Water Resources Department
Land Use Information Form

07.176078 PR

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: PORTLAND WATER BUREAU
Mailing Address: 1120 SW 5th Room 500
City: PORTLAND State: OR. Zip: 97204 Day Phone: (503)823-7524

This application is related to a Measure 37 claim. Yes No

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A. Land and Location

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

Table with columns: Township, Range, Section, 1/4, Tax Lot #, Plan Designation (e.g. Rural Residential/RR-5), Water to be: (Diverted, Conveyed, Used), Proposed Land Use:.

List all counties and cities where water is proposed to be diverted, conveyed, or used. MULTNOMAH, PORTLAND

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 390 cubic feet per second gallons per minute acre-feet

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

Briefly describe: THIS IS AN AMENDMENT TO PERMIT G-8755 TO ALLOW EXPANSION OF WELLFIELD TO INCLUDE NEW PRODUCTION WELL UNDER TERMS OF G-8755

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

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

1 10489

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form.

This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): Title 33, Table 140-1 Basic utility allowed in I62 zone. W/in existing CSS wetland protection area.

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

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

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

City of Portland
Bureau of
Development Services
Development Services Center
1900 SW Fourth Ave., Suite 5000
Portland, OR 97201

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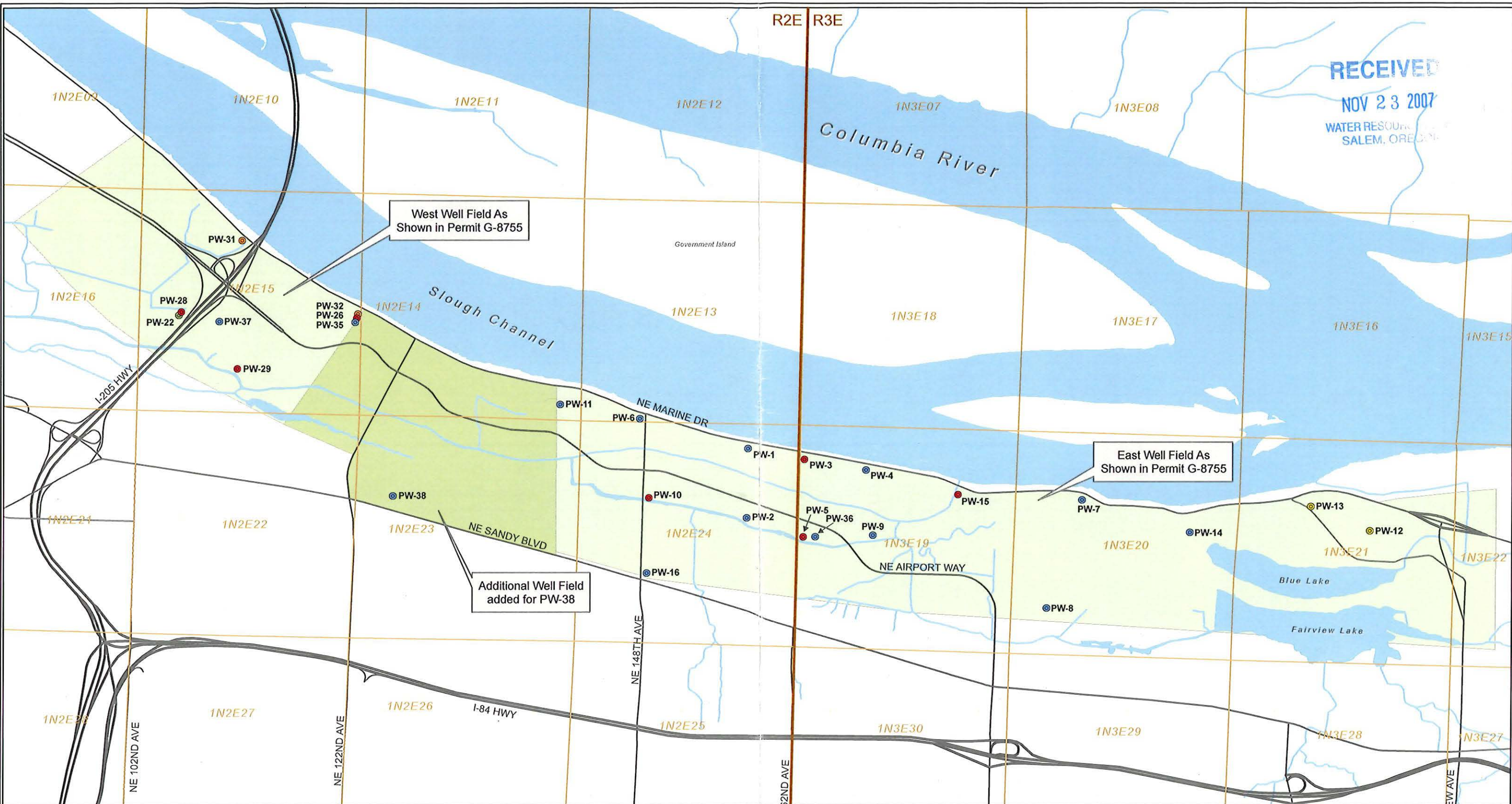
Name: Jason Richling Title: City Planner
 Signature: [Signature] Phone: 503-803-0632 Date: 11/15/07
 Government Entity: City of Portland / BDS

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

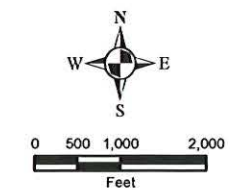
Receipt for Request for Land Use Information

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

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Additional Well Field Area for Amendment to Permit G-8755 T 1N, R 2 & 3E, WM

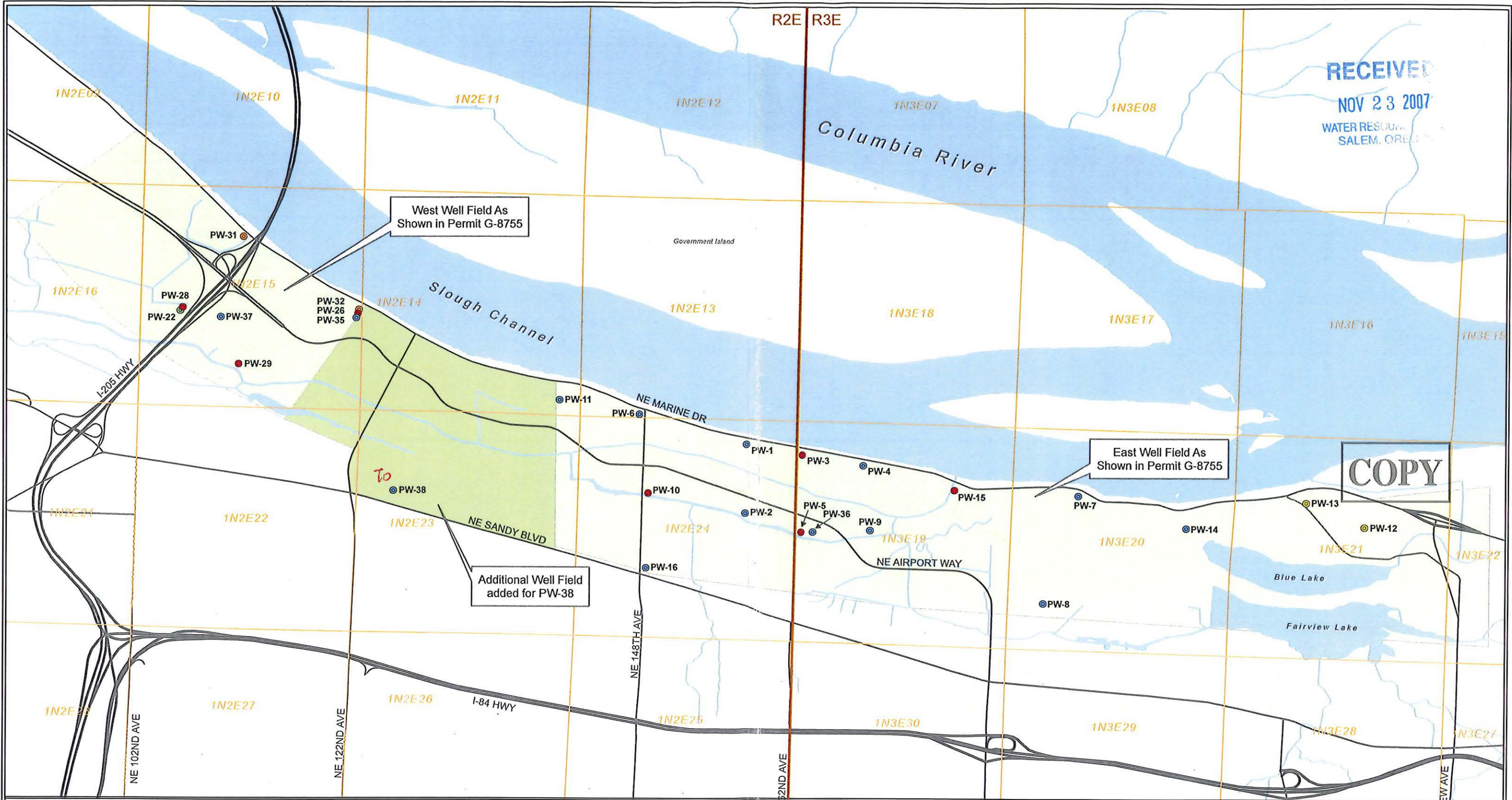


- Well Areas as Delineated in Water Rights Permit G-8755
- Additional Well Area with Amendment to Permit G-8755
- Aquifer**
- BLA
- SGA
- TSA
- CRSA - Not In Service
- TGA - Not In Service

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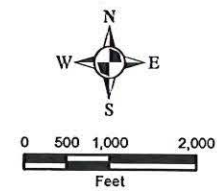
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COPY



Additional Well Field Area for Amendment to Permit G-8755 T 1N, R 2 & 3E, WM



- Well Areas as Defined in Water Rights Permit G-8755
- Additional Well Area with Amendment to Permit G-8755
- Aquifer**
 - BLA
 - SGA
 - TSA
 - CRSA - Not In Service
 - TGA - Not In Service



1 10489

Table 3-1 Columbia South Shore
Well Field
Production Wells

(depths from top of range)

Permit Number	City Well Number	Aquifer	Drilled Depth (ft)	Casing Diameters	Top Screen Depth	Bottom Screen Depth	Nominal Screen diameter	Date Drilled	Contractor	Method	Filter Packed	Grout Seals	Seal type	Remarks
G8755	1287	12	BLA	123	23.25 ID	60	118	22	Oct-82	Strasser	Cable/air	N	0-20	Surface
G8755	1286	13	BLA	169	35 ID	85	165	31.5	Sep-83	Strasser	Cable/air	N	0-28	Surface
G10124	1283	17	BLA	165	35 ID	80	160	31.5	Nov-83	Strasser	Cable/air	N	0-28	Surface
G10124	1284	18	BLA	193	35 ID	88	190	31.5	Oct-83	Strasser	Cable/air	N	0-28	Surface
G10124	1288	19	BLA	118	35 ID	55	113	31.5	May-84	Strasser	Cable/air	N	0-25	Surface
<hr/>														
G8755	1263	3	TSA	317	20/14	238	287	12	Jul-80	Layne	Mud	N	0-210	Full
G8755	1261	5	TSA	340	24/16	243	327	12	Sep-80	Layne	Mud	N	0-230	Full
G8755	1187	10	TSA	375	16/10	282	365	12	Jan-82	Strasser	Cable	N	245-265	Subsurface
G8755	1256	15	TSA	287	16	195	278	12	Jun-83	Schneider	Air/RC	Y	142-162	Subsurface
G8755	1134	26	TSA	457	16	337	411	10	Nov-84	Strasser	Cable	N	285-305	Subsurface
G8755	1132	28	TSA	431	16	375	421	10	Feb-85	Strasser	Cable	N	280-300	Subsurface in construction
G8755	1139	29	TSA	457	16/9.5	377	438	10	Oct-84	Strasser	Cable	N	295-315	Subsurface
<hr/>														
G8755	1190	1	SGA	531	20/16	398	513	10	Jul-80	Layne	Mud	Y	0-400	Full
G8755	1189	2	SGA	538	24/16	411	504	12	Aug-80	Layne	Mud	N	0-380	Full
G8755	1264	4	SGA	534	24/16	369	523	12	Jul-80	Layne	Mud	N	0-210	Full
G8755	1118	6	SGA	568	24/18/10	485	559	12	Jan-81	Layne	Mud	Y	0-441	Full
G8755	1273	7	SGA	450	20/16/10	325	430	12	Nov-81	Strasser	Cable	N	0-206, 290-3	Subsurface
G8755	1274	8	SGA	450	24/20/10	345	440	12	Sep-81	Strasser	Cable	Y	0-120, 310-3	Subsurface ¹
G8755	1259	9	SGA	495	24/20/10	376	485	12	Mar-82	Strasser	Cable	Y	0-125, 350-3	Subsurface
G8755	1122	11	SGA	585	24/20/10	493.25	572.75	12	Apr-82	Strasser	Cable	Y	0-190, 465-4	Subsurface ²
G8755	1268	14	SGA	361	22/18/16	260	352	12	Jun-83	Schneider	Air/RC	Y	0-120, 237-2	Subsurface
G8755	1335	16	SGA	560	22/18/12	440	550	12	Jul-83	Schneider	Air/RC	Y	0-229, 410-4	Subsurface
G10479	1131	34	SGA	667	24/20/12	480	657	12	Jan-85	Strasser	Cable	N	0-270, 440-4	Subsurface in construction
G8755	62834	35	SGA	624	24/20	480	609	12	Sep-00	Geo-Tech	Air/RC	Y	0-480	Full
G8755	63853	36	SGA	521	24/20	398	511	12	Apr-01	Geo-Tech	Air/RC	Y	0-388	Full
G8755	62835	37	SGA	623	26/20	490	608	12	Oct-00	Geo-Tech	Air/RC	Y	0-490	Full
G2093	73084	38	SGA	635	24/20	515	613	12		Geo-Tech	Mud/RC	Y	0-500	Full in construction
<hr/>														
G2093	1164	PR2	TGA	63	24	33	63		Jan-62	Strasser	Cable	N	0-10	?
G2093	1161	PR3	TGA	65	34	41	61	24	May-85	Strasser	Cable	N	0-20	?
G8755	1133	22	TGA	225	24	124	220	24	Jan-85	Strasser	Cable	N	0-25	Surface
<hr/>														
G8755	1137	31	CRSA	228	16	140	218	12	Jan-85	Strasser	Cable	N	0-36	Surface
G8755	1135	32	CRSA	272	16/14	167	260	14	Oct-84	Strasser	Cable	N	0-35	Surface

25 production wells assigned by City to Permit 6-8755

Logid
KCW

Additional logs
1 MULT 1183
2 MULT 1184
3 MULT 1186
4 MULT 1165

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 SALEM, OREGON