RECEIVED
MAY 7 1971
STATE ENGINEER
SALEM, OREGON

DVA Notification P5639 -*

Permit No. 35792

Amended V54 p 792

T-8590

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, The United States of America, acting through the Regional Director, Region 1, Bureau of Reclamation, Department of the Interior,
(Name of applicant)

of Post Office Box 8008, Boise,
(Mailing address)

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

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

1. The source of the proposed appropriation is shown on Attachment A
(Name of stream)
, a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 374 cubic feet per second. Attachment A lists the water by streams
(If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is Irrigation, Recreation, Municipal and Industrial, Fish and Wildlife, and Water Quality (See Attachment B)
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. ~~The~~ One point of diversion is located at Scoggins Dam 700 ft. S. (N. or S.) and 1,030 ft. W. (E. or W.) from the NE corner of Sec. 20, being within NE¼NE¼ Sec. 20, T. 1 S., R. 4 W., W.M. Another point of diversion is the Tualatin Pumping Plant located on Tualatin River 700 feet S. and 1,100 Feet W. from the NE corner of Sec. 21, T. 1 S., R. 2 W., and being within the NE¼SE¼ Sec. 21, T. 1 S., R. 2 W., W.M. Other diversions are as shown on Attachment C.
(Section or subdivision)
(If preferable, give distance and bearing to section corner)
(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the ..... of Sec. ....., Tp. ..... (N. or S.),
(Give smallest legal subdivision)
R. ..... (E. or W.), W. M., in the county of Washington.

5. The Project canals, laterals and pipelines ~~XXXX~~ are described on Attachment D.
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the ..... of Sec. ....., Tp. ..... (N. or S.),
(Smallest legal subdivision)
R. ..... (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 110 feet, length on top 2,700 feet, length at bottom ~~-~~,700 feet; material to be used and character of construction Impervious rolled earth core, flanked by semipervious shells of silty sand and weathered sandstone. ~~Loose rock concrete masonry~~ Upstream face has a 3-foot-thick riprap blanket. Radial gate spillway located on left abutment.
rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate 6' diameter concrete-lines tunnel, 56" diameter steel outlet pipe with two 2'9" x 2'9" H.P. gates, 44" diameter steel branch outlet pipe with two 2'3" x 2'3" H.P. gates.
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description See Attachment E.
(Size and type of pump)

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

*A different form of application is provided where storage works are contemplated.

**Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the ...roelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

ary Lake Oswego Corp.?

35792

Canal System or Pipe Line— This information is provided on Attachment F.

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

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

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

8. Location of area to be irrigated, or place of use is provided by Attachment G.

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
2 N.	3 W.			
1 N.	3, 4 W.			
1 S.	2, 3, 4 W.			
2 S.	1, 2, 3,4 W.			
				17,500

The project will serve approximately 17,500 acres and adjustments will be made in the service area as the final design and construction progesses.

(If more space required, attach separate sheet)

(a) Character of soil deep, medium-textured, clay loam

(b) Kind of crops raised pasture, hay silage, vegetables

Power or Mining Purposes—

9. (a) Total amount of power to be developed None theoretical horsepower.

(b) Quantity of water to be used for power ..... sec. ft.

(c) Total fall to be utilized ..... feet. (Head)

(d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... (Legal subdivision) of Sec. ....., Tp. ..... (No. N. or S.), R. ..... (No. E. or W.), W. M.

(f) Is water to be returned to any stream? ..... (Yes or No)

(g) If so, name stream and locate point of return ..... Sec. ....., Tp. ..... (No. N. or S.), R. ..... (No. E. or W.), W. M.

(h) The use to which power is to be applied is .....

(i) The nature of the mines to be served .....

ATTACHMENT A

The amounts of water to be appropriated are as follows:

SOURCE	APPROPRIATION c.f.s.
Scoggins Creek and Scoggins Reservoir	253
Carpenter Creek	6
Gales Creek	13
Dairy Creek	8
McKay Creek	4
Tualatin River	90
TOTAL	374

MAY 7 1971

ATTACHMENT B

The Tualatin Federal Reclamation Project is a multipurpose water resource development authorized by Public Law 89-596, 89th Congress, on September 20, 1966. The major structure will be a dam and reservoir on Scoggins Creek. The project will provide for irrigation of 17,500 acres, for municipal and industrial water, for increased summer flows in the Tualatin River for water quality control, for fish and wildlife, including a reservoir fishery, for recreation, and for flood control on Scoggins Creek and the Tualatin River.

The North Canal, beginning at Scoggins Dam, will serve irrigation water to 12,000 acres, 9,740 acres directly from the canal system and the remaining 2,260 acres by releasing water into the natural stream channel. The remaining 5,500 acres of project lands will be served from the Tualatin River, of which 930 acres will be served through the project Tualatin Pumping Plant and 4,570 acres will be served through 65 other pumping plants. These irrigation diversions will average 37,070 acre-feet annually from the combination of natural flows of Scoggins Creek, Tualatin River, and the several tributaries, storage releases from Scoggins Reservoir, together with project return flows from all project uses, which return flows are essential for the operation of the project and are an indispensable part of this application for water use.

Municipal and industrial water supplies to be furnished by the project average 14,000 acre-feet annually as follows:

Expected Participant	Average Annual Diversion (acre-feet)
Forest Grove	4,500
Hillsboro	4,500
Beaverton	1,500
Tigard	2,500
Lake Oswego Corporation	1,000
	14,000

no secondary water yet

River regulation for water quality control, for fish and wildlife and for recreation would be provided in the Tualatin River by releasing storage water to maintain prescribed flows past the Lake Oswego Canal diversion. It is estimated that an average of 10,600 acre-feet annually can be released from storage in Scoggins Reservoir to provide 74 c.f.s. in July and August and 64 c.f.s. in September. In addition, a minimum flow of 10 c.f.s. would be available below Scoggins Dam and 20 c.f.s. would be available over the Oregon Iron and Steel Company Dam in Ocotber and November for these purposes.

Reservoir fishing and recreation benefits would be realized from the 60,000 acre-foot capacity Scoggins Reservoir. A minimum content of 6,190 acre-feet and a pool of 411 acres will be provided to maintain a reservoir fishery.

Scoggins Reservoir will be operated in the fall and winter months to provide flood control downstream on Scoggins Creek and the Tualatin River. A gated spillway will effectively control operation of the top 20 feet of storage, about 20,300 acre-feet of space. The reservoir will be filled in accordance with a planned filling schedule.

ATTACHMENT C

Diversions by pumping, located in:

1/4	1/4	Sec.	Twn.	Rng.
		From Carpenter Creek		
SE	SW	2	1 S	4 W
NE	SE	2	1 S	4 W
SW	SE	1	1 S	4 W
SE	SW	1	1 S	4 W
		From Gales Creek		
SE	SW	35	1 N	4 W
NE	NW	2	1 S	4 W
NW	NE	2	1 S	4 W
NE	NW	1	1 S	4 W
SW	NE	1	1 S	4 W
		From McKay Creek		
NW	SE	24	1 N	3 W
NW	NW	25	1 N	3 W
NE	NW	25	1 N	3 W
SW	SE	25	1 N	3 W
		From Dairy Creek		
SE	SW	26	1 N	3 W
SW	SW	26	1 N	3 W
NE	SE	27	1 N	3 W
SW	SE	21	1 N	3 W
		From Tualatin River		
NW	NW	18	2 S	1 W
SW	NW	13	2 S	2 W
NE	SE	14	2 S	2 W
NE	SW	11	2 S	2 W
SW	SW	11	2 S	2 W
NW	SW	10	2 S	2 W
SE	SW	10	2 S	2 W

MAY 7 1971

From Tualatin River

1/4	1/4	Sec.	Twn.	Rng.
SW	NE	9	2 S	2 W
SE	SW	4	2 S	2 W
NW	SW	4	2 S	2 W
NW	NW	4	2 S	2 W
NE	NW	5	2 S	2 W
NW	NW	28	1 S	2 W
SE	SE	29	1 S	2 W
NW	NE	21	1 S	2 W
NW	SW	17	1 S	2 W
NE	SE	18	1 S	2 W
SW	NE	18	1 S	2 W
NE	NW	18	1 S	2 W
NE	SW	7	1 S	2 W
SW	NW	7	1 S	2 W
SW	SE	11	1 S	3 W
NW	SE	10	1 S	3 W
SE	SW	9	1 S	3 W
NW	SW	8	1 S	3 W
SW	SE	7	1 S	3 W
NW	NE	18	1 S	3 W
SE	NE	13	1 S	4 W
NE	SW	24	1 S	4 W
SW	SE	24	1 S	4 W
NW	NE	25	1 S	4 W
NE	SE	34	1 S	4 W
SW	SW	34	1 S	4 W

ATTACHMENT D

North Canal diversion is made from the outlet of Scoggins Dam in NE¼NE¼ Sec. 20, T. 1 S., R. 4 W. Canal capacity will be 180 c.f.s. North Canal will be approximately 9.3 miles long to provide water to the Forest Gale Pumping Plant, which serves the North Pipe Lateral System consisting of approximately 30 miles of laterals which terminate in the NE¼SW¼ Sec. 2, T. 1 N., R. 3 W.

Branch canals include the Patton Valley Canal which will begin at mile 2.5 of North Canal in NW¼NE¼ Sec. 27, T. 1 S., R. 4 W., with a capacity of approximately 34 c.f.s. This branch canal divides at approximately mile 1.2. One branch goes west, is 2 miles long, and ends in SW¼SE¼ Sec. 33, T. 1 S., R. 4 W. The other bears east, is about 6 miles long, and terminates in NE¼NW¼ Sec. 18, T. 2 S., R. 3 W.

Another branch canal will be called South Canal which will begin approximately at North Canal mile 4 in NE¼NE¼ Sec. 23, T. 1 S., R. 4 W., with a capacity of 13 c.f.s. and extends about 7 miles to terminus in SW¼SW¼ Sec. 14, T. 1 S., R. 3 W.

Tualatin Pumping Plant in NE¼SE¼ Sec. 21, T. 1 S., R. 2 W., pumps into a pressure pipeline system consisting of about 12 miles of laterals.

ATTACHMENT E

TUALATIN PUMPING PLANT

Location: 1,100 feet west and 3,400 feet south of NE corner Sec. 21, T. 1 S., R. 2 W.

Pumps from Tualatin River to closed pipe distribution system (Tualatin Lateral System) under adequate pressure for sprinkler application. Pumping will be in two stages; river stage, booster stage.

River Stage

Pumps: Type: Vertical turbine (two units)

Motors: Type: Electrical
Size: Two motors of 60 hp each

Head: 67 feet

Capacity: Two units of 7 c.f.s. each. 14 c.f.s. total

Booster Stage

Pumps: Type: Horizontal centrifugal (five unites)

Motors: Type: Electric
Size: Two motors, 150 hp each
One motor, 75 hp
Two motors, 50 hp each

Head: 280 feet

Capacity: Five units totaling 14 c.f.s.

FOREST GALE PUMPING PLANT

Location: 700 feet east and 2,010 feet south of NW corner Sec. 36, T. 1 N., R. 4 W.

Pumps from North Canal into the North Pipe Lateral System. Water will be delivered at sprinkler pressure.

Pumps: Type: Horizontal centrifugal (six units)

Motors: Type: Electrical
Size: Two motors, 250 hp each
One motor, 450 hp
Three motors, 900 hp each

Head: 264 feet

Capacity: Six units totaling 95 c.f.s.

ATTACHMENT F

(a) At headgate: Width on top (at water line) 26 feet; width on bottom 14 feet; depth of water 4 feet; grade 0.3 foot fall per 1,000 feet.

(b) At about 9 miles from headgate North Canal enters Gales Creek Siphon. Downstream from siphon is the North Pipe Lateral System.

(c) The project includes about 28 miles of pipe. Size varies from 48-inch to 4-inch with capacities varying from 90.55 c.f.s. to 0.19 c.f.s. Grade varies.

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	2	NE	NE	7.0			7.0
			NW		40.6			40.6
			SW		33.0			33.0
			NE	NW	40.3			40.3
			NW		40.0			40.0
			SW		26.0			26.0
			SE		32.0			32.0
			NE	SW	7.0			7.0
			NW	SE	11.6			11.6
			SW		25.0			25.0
			SE		13.1			13.1
					275.6			275.6 ✓
1N	3W	3	NE	NE	6.3	7.9		14.2
			NW		4.0	34.8		38.8
			SW		5.0	10.8		15.8
			SE		6.0	1.2		7.2
			NE	NW	2.1	35.5		37.6
			NW		8.1	13.1		21.2
			SW		4.0	31.7		35.7
			SE		8.0	29.0		37.0
			NE	SW	4.0	33.4		37.4
			NW		3.0	33.0		36.0
			SW		32.0	4.8		36.8
			SE		25.2	12.0		37.2
			NW	SE		9.1		9.1
			SW		21.0	2.8		23.8
			SE		10.0			10.0
					138.7	259.1		397.8 ✓
1N	3W	4	NE	NE		0.1		0.1
			SE	NE		17.0		17.0
			NW	NW	2.0			2.0
			SW	NW	34.0			34.0
			NW	SW	0.3			0.3
			SE	SW		6.0		6.0
			NE	SE		19.0		19.0
			NW	SE		1.2		1.2
			SW	SE		37.0		37.0
			SE	SE		43.0		43.0
					36.3	123.30		159.6 ✓
1N	3W	5	SW	NW	26.0			26.0
			SW	SE	2.3			2.3
			SE	SE	1.3			1.3
					29.6			29.6 ✓

{C 19999 - 34.3
{C 19862 - 6.0

110.3

157

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	6	NE	NE	3.0			3.0
			NW		34.0			34.0
			SW		24.0			24.0
			SE		2.0			2.0
			SE	NW	11.0			11.0
			SW	SW	11.0			11.0
			SE	SW	11.0			11.0
					96.0			96.0 ✓
1N	3W	7	NW	NE	11.0			11.0
			SW	NE	6.0			6.0
			NE	NW	35.0			35.0
			NW	NW	11.0			11.0
			SW	NW	27.0			27.0
			SE	NW	32.0			32.0
			SW	SW	10.0			10.0
					132.0			132.0 ✓
1N	3W	8	NE	NE	23.0			23.0
			NW	NE	28.0			28.0
			NE	NW	13.0			13.0
					64.0			64.0 ✓
1N	3W	9	NE	NE	4.0	28.1		32.1
			NW	NE		30.0		30.0
			NE	NW	2.2	13.2		15.4
			SE	NW		0.3		0.3
			NE	SW		22.0		22.0
			SE	SW		18.0		18.0
			NE	SE	6.0			6.0
			NW	SE	9.0	7.0		16.0
			SW	SE	9.0			9.0
			SE	SE	11.0			11.0
					41.2	118.6		159.8 ✓
1N	3W	10	NE	NE	16.0			16.0
			NW	NE	13.3			13.3
			NE	NW	32.0			32.0
			NW	NW	27.2			27.2
			SW	NW	3.0			3.0
			SE	NW	7.0			7.0
					98.5			98.5 ✓

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	11	NE	NE	2.0			2.0
			NW	NE	2.0			2.0
					4.0			4.0 ✓
1N	3W	12	NW	NW	2.0			2.0
			SW	NW	36.0			36.0
			SE	NW	8.1			8.1
			SW	SW	8.3			8.3
			SE	SW	17.3			17.3
			NE	SE	6.0			6.0
			NW	SE	7.0			7.0
			SW	SE	4.0		32.0	36.0
			SE	SE	13.0		23.0	36.0
					101.7		55.0	156.7 ✓
1N	3W	13	NE	NE	15.0			15.0
			NW	NE	16.0		16.3	32.3
			SW	NE			15.0	15.0
			NE	NW	30.0		11.0	41.0
			NW		38.3			38.3
			SW		38.2			38.2
			SE		15.0		10.1	25.1
			NE	SW	12.0			12.0
			NW		39.7			39.7
			SW		40.3			40.3
			SE		11.0			11.0
					255.5		52.4	307.9 ✓
1N	3W	14	NE	NE	14.0			14.0
			SW		27.0			27.0
			SE		31.0			31.0
			SE	NW	22.0			22.0
			NE	SW	21.0			21.0
			NE	SE	40.0			40.0
			NW	SE	40.3			40.3
					195.3			195.3 ✓
1N	3W	15	NW	NW		3.7		3.7
			SW	NW		4.3		4.3
						8.0		8.0 ✓

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	16	NE	NE		19.0		19.0
			NW		12.0	4.0		16.0
			SW		16.0	22.0		38.0
			SE			26.0		26.0
			NE	NW	5.0			5.0
			SW			4.0		4.0
			SE		3.3	16.0		19.3
			NE	SW	6.0	30.7		36.7
			NW			7.0		7.0
			SW			6.2		6.2
			SE			11.2		11.2
			NE	SE		5.3		5.3
			NW		2.3	37.7		40.0
			SW		2.0	9.2		11.2
					46.6	198.3		244.9
1N	3W	17	SW	NE	9.0			9.0
			SE	NE	6.2			6.2
			NE	SE	5.0			5.0
			NW	SW	2.0			2.0
					22.2			22.2
1N	3W	18	NW	NW	32.0			32.0
			SW	NW	9.0			9.0
			SW	SW	13.0	15.0		28.0
			SE	SW	11.0	3.3		14.3
					65.0	18.3		83.3
1N	3W	19	NE	NW	10.0			10.0
			NW		30.9	6.1		37.0
			SW		40.0			40.0
			SE		14.0			14.0
			NE	SW	31.0			31.0
			NW		39.7			39.7
			SW		39.5			39.5
			SE		39.0			39.0
			NE	SE	9.2			9.2
			NW		27.0			27.0
			SW		39.7			39.7
			SE		16.0			16.0
					336.0	6.1		342.1

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	20	NE	NE		38.0		38.0
			SE	NE		7.0		7.0
			NE	SW	13.1			13.1
			NW		25.0			25.0
			SW		25.3			25.3
			SE		6.0			6.0
			NE	SE	22.0			22.0
			NW		21.0			21.0
			SW		18.0			18.0
			SE		6.2			6.2
					136.6	45.0		181.6
1N	3W	21	SW	NE		7.0		7.0
			SE	NE			3.0	3.0
			NE	NW		15.0		15.0
			SE	NW		34.0		34.0
			NE	SW		36.0		36.0
			NW	SW	25.0			25.0
			SW	SW	9.2			9.2
			SE	SW		14.2		14.2
			NE	SE	1.2		36.0	37.2
			NW	SE		7.0 12.0	5.0	12.0
			SW	SE		5.0 10.0	5.0	10.0
			SE	SE	7.0		29.0	36.0
					42.4	118.2	78.0	238.6
1N	3W	24	NW	NE	7.0			7.0
			SW	NE	17.1			17.1
			NE	NW	16.0		11.0	27.0
			NW	NW	14.0		26.3	40.3
			SW	NW			5.0	5.0
			SE	NW	33.1		1.5	34.6
			NE	SW	33.1			33.1
			NW	SE	17.0			17.0
					137.3		43.8	181.1
1N	3W	25	NE	NW	4.0			4.0
			NW	NW	8.0			8.0
			SW	NW	9.2			9.2
			SW	SE	2.2		9.0	11.2
			SE	SE			2.0	2.0
					23.4		11.0	34.4

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	26	NE	NE	32.0			32.0
			NW		11.0			11.0
			SW		7.0		19.0	26.0
			SE		15.0			15.0
			NW	NW	29.0			29.0
			SW		12.0		9.0	21.0
			SE				25.5	25.5
			NE	SW	0.3		39.8	40.1
			NW		11.2		12.0	23.2
			SW		9.0		7.0	16.0
			SE		3.0		15.1	18.1
			NW	SE	2.0		27.2	29.2
			SW	SE	3.0		14.1	17.1
					134.5		168.7	303.2
1N	3W	27	NE	NE	29.0		1.1	30.1
			NW		7.0		0.6	7.6
			SW		1.0		19.0	20.0
			SE				17.0	17.0
			NE	SE			10.0	10.0
			NW	SE			6.0	6.0
					37.0		53.7	90.7
1N	3W	29	NW	NW	12.0			12.0
			SW		14.2			14.2
			SE		1.2			1.2
			NE	SW	10.2			10.2
			NW		34.2			34.2
			SW		14.0	14.2		28.2
			SE			6.2		6.2
			SW	SE	4.0			4.0
			SE		14.0			14.0
					103.8	20.4		124.2
1N	3W	30	NE	NE	25.0			25.0
			NW		38.3			38.3
			SW		26.0			26.0
			SE		35.0			35.0
			NE	NW	23.0			23.0
			NW		30.2	2.2		32.4
			SW		5.0	1.6		6.6
			SE		8.3			8.3
			NE	SE	33.0			33.0
			SE		16.0			16.0
					239.8	3.8		243.6

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W	31	NE	NE	32.0			32.0
					32.0			32.0
1N	3W	32	NE	NE	26.0			26.0
			NW		9.2			9.2
			SE		5.0			5.0
			NE	NW		9.1		9.1
			NW		11.0	19.0		30.0
			NE	SE	8.0			8.0
			NW		10.3			10.3
					69.5	28.1		97.6
1N	3W	35	SW	NE			4.5	4.5
			SE				26.0	26.0
			NW	SW	c 19973		1.7	1.7
		Should be NE¼SW¼	NE	SE			34.5	34.5
			NW				10.0	10.0
			SE				3.6	3.6
							80.3	80.3

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	4W	1	NW	NE		5.0		5.0
			SW			35.5		35.5
			NE	NW		12.8		12.8
			NW			16.0		16.0
			SW			40.0		40.0
			SE			40.0		40.0
						149.3		149.3
1N	4W	2	NE	NE		9.1		9.1
			SE			29.0		29.0
						38.1		38.1
1N	4W	11	NE	SW		3.0		3.0
			NE	SE		40.0		40.0
			NW			39.0		39.0
			SW			19.0		19.0
			SE			36.0		36.0
						137.0		137.0
1N	4W	12	NE	NE	21.0			21.0
			NW		13.0	10.0		23.0
			SW		26.0			26.0
			SE		40.0			40.0
			NE	NW	3.0	30.2		33.2
			NW			30.0		30.0
			NE	SW	31.4	6.6		38.0
			NW			37.3		37.3
			SW			39.0		39.0
			SE		20.0	19.6		39.6
			NE	SE	30.0			30.0
			NW		34.2			34.2
			SW		3.0			3.0
			SE		19.0			19.0
					240.6	172.7		413.3

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	4W	13	NE	NE	38.2			38.2
			SW			2.0		2.0
			SE		0.2			0.2
			NE	NW	26.0	8.0		34.0
			NW		1.1	39.0		40.1
			SW		3.0	29.0		32.0
			SE		5.0	33.0		38.0
			NE	SW	1.1	0.4		1.5
			NW		3.0	4.0		7.0
			SW		6.0	26.2		32.2
			SE		4.0			4.0
			SE	SE	10.0	14.0		24.0
			SW		5.0			5.0
					102.6	155.6		258.2
1N	4W	14	NE	NE		40.4		40.4
			NW		3.0	27.1		30.1
			SW			25.0		25.0
			SE		3.0	34.4		37.4
			NE	NW		34.8		34.8
			NW		5.0	9.5		14.5
			SW		6.0	9.9		15.9
			SE		1.0	18.0		19.0
			NE	SW	9.2	26.0		35.2
			NW		2.0	11.0		13.0
			SE			6.0		6.0
			NE	SE		1.4		1.4
			NW		15.3	8.0		23.3
			SW		7.0	4.0		11.0
			SE		31.0	2.3		33.3
					82.5	257.8		340.3
1N	4W	23	NW	NE	2.0			2.0
			SW		18.3			18.3
			SE		17.0			17.0
			NE	SE	7.0			7.0
			SE		10.0			10.0
					54.3			54.3

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	4W	24	NE	NE	34.0	3.2		37.2
			NW		36.0			36.0
			SW		40.0			40.0
			SE		40.9			40.9
			NE	NW	18.0	14.0		32.0
			NW		2.0	10.0		12.0
			SW		9.0	6.0		15.0
			SE		38.0	1.0		39.0
			NE	SW	40.0			40.0
			NW		22.0			22.0
			SW		13.0			13.0
			SE		32.0			32.0
			NE	SE	40.9			40.9
			NW		39.1			39.1
			SW		40.0			40.0
			SE		40.6			40.6
					485.5	34.2		519.7
1N	4W	25	NE	NE	34.0			34.0
			NW		7.0			7.0
			SW		21.2			21.2
			SE		22.1	6.0		28.1
			SW	NW	2.1			2.1
			SE		23.0			23.0
			NE	SW	5.0			5.0
			NW		3.0			3.0
			NE	SE	12.3			12.3
			NW		16.0			16.0
			SW		3.0			3.0
			SE		20.0			20.0
					168.7	6.0		174.7
1N	4W	35	SW	NE	8.0			8.0
			SE		13.0			13.0
			NE	NW	4.0			4.0
			NW		5.0		8.7	13.7
			SW		24.3		16.6	40.9
			SE		36.0		3.3	39.3
			NE	SW	14.9		25.7	40.6
			NW		4.1		25.1	29.2
			SW		10.0		1.3	11.3
			SE		23.0		12.2	35.2
			NE	SE	18.1		7.8	25.9
			NW		8.8		11.1	19.9
			SW				35.0	35.0
			SE				11.1	11.1
					169.20		157.9	327.1

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	4W	36	SW	NW	7.0			7.0
			NE	SW	6.0			6.0
					13.0			13.0
1N	4W	26	NE	NE	5.0			5.0
					5.0			5.0

MAY 7 1971

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2N	3W	30	NE	SE	40.6			40.6
			SE		39.4			39.4
					80.0			80.0
2N	3W	31	NE	NE		7.3		7.3
			SE			17.6		17.6
			SE	NW	33.0			33.0
					33.0	24.9		57.9
2N	3W	32	NE	NE	10.0	1.4		11.4
			NW		15.1	27.0		42.1
			SW		41.8			41.8
			SE		22.0			22.0
			NE	NW	2.0	1.2		3.2
			SE	NW	2.1			2.1
					93.0	29.6		122.6
2N	3W	34	SW	SW		5.0		5.0
			SE			9.0		9.0
			NE	SE	2.0			2.0
			NW		1.0			1.0
			SW		14.0	2.0		16.0
			SE		38.2			38.2
					55.2	16.0		71.2
2N	3W	35	SW	SW	21.0			21.0
			SE		18.0			18.0
			SW	SE	7.3			7.3
			SE		0.2			0.2
					46.5			46.5

MAY 7 1971

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	2W	7	SW	NW			3.3	3.3
			SE				0.1	0.1
			NE	SW	11.0		17.0	28.0
			NW		4.0		17.8	21.8
			SW				3.0	3.0
			SE				19.2	19.2
			NE	SE			0.1	0.1
			NW				5.0	5.0
			SW		3.0		34.8	37.8
			SE		0.2		0.1	0.3
					18.2		100.4	118.6
1S	2W	10	NW	NE	3.0			3.0
			SW		8.0			8.0
			NE	NW	3.0			3.0
			SE		10.0			10.0
					24.0			24.0
1S	2W	13	NW	SW	15.1			15.1
					15.1			15.1
1S	2W	14	NE	NE	7.3			7.3
			NW		39.4			39.4
			SW		34.0			34.0
			SE		3.0			3.0
			NE	NW	30.0			30.0
			SW		25.0			25.0
			SE		19.2			19.2
			NE	SW	35.0			35.0
			NW		34.0			34.0
			SW		11.0			11.0
			SE		9.2			9.2
			NE	SE	15.2			15.2
			NW		24.0			24.0
					286.3			286.3
1S	2W	16	NE	NE		2.0		2.0
			NW			32.0		32.0
			SW		7.0	4.0	3.1	14.1
			SE			12.0		12.0
			NE	NW		10.0		10.0
			NE	SE			1.5	1.5
			NW				24.0	24.0
			SW				3.0	3.0
					7.0	60.0	31.6	98.6

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	2W	17	NE	NE			19.3	19.3
			NW				10.6	10.6
			SW				29.2	29.2
			SE				35.2	35.2
			SW	NW	14.0		21.0	35.0
			NE	SW	2.0		0.3	2.3
			NW		5.0		13.0	18.0
			SW		7.0		23.1	30.1
			SE		4.0		20.0	24.0
			NE	SE			27.0	27.0
			NW				9.1	9.1
			SW				28.0	28.0
					32.0		235.8	267.8
1S	2W	18	NE	NE	2.2		19.0	21.2
			NW		3.0		29.9	32.9
			SW		6.2		15.1	21.3
			SE		2.0		38.0	40.0
			NE	NW			37.0	37.0
			NW				8.2	8.2
			SW				1.8	1.8
			SE		5.0		12.3	17.3
			NE	SE	10.3		9.0	19.3
			NW		2.0		8.0	10.0
			SW				2.0	2.0
			SE				23.0	23.0
					30.7		203.3	234.0
1S	2W	20	NW	NE			19.2	19.2
			NE	NW			13.0	13.0
			NW				30.2	30.2
			SW				11.0	11.0
			NW	SE	2.0			2.0
			SW		9.0			9.0
			SE		16.0			16.0
					27.0		73.4	100.4

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	2W	21	NW	NE			21.2	21.2
			SW				31.3	31.3
			NE	NW	4.0		24.0	28.0
			SE				34.9	34.9
			NE	SW			3.0	3.0
			NW		1.3		26.2	27.5
			SW				10.0	10.0
			NE	SE		31.0		31.0
			NW			0.1	10.0	10.1
			SW			2.2		2.2
			SE			14.1		14.1
					5.3	47.4	160.6	213.3
1S	2W	22	SW	SW	2.0	26.3		28.3
			SE			4.0		4.0
					2.0	30.3		32.3
1S	2W	23	NE	NE	41.2			41.2
			NW		8.1	3.0		11.1
					49.3	3.0		52.3
1S	2W	28	SW	NE			5.0	5.0
			SW	NW			20.0	20.0
			SE				24.0	24.0
			NE	SW	7.0 (should be 10?)	18.9	5.0	24.9
			NW			3.0	9.0	12.0
			SW		5.1		1.2	6.3
			SE			4.0		4.0
			NE	SE		2.9		2.9
			NW			17.0		17.0
					6.1	45.8	64.2	116.1
1S	2W	29	NE	NE			4.8	4.8
			NW				3.1	3.1
			SW				36.0	36.0
			SE				38.0	38.0
			NE	NW			5.2	5.2
			SE				25.0	25.0
			NE	SW			18.0	18.0
			NE	SE			3.0	3.0
			NW				4.8	4.8
			SW				25.0	25.0
			SE				3.0	3.0
							165.9	165.9

MAY 7 1971

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	2W	32	NE	NE			31.0	31.0
			NW				30.8	30.8
			SW				27.4	27.4
			SE			0.6	35.7	36.3
			NE	NW			7.0	7.0
			SE				14.0	14.0
			NE	SW	8.0		2.0	10.0
			NW		22.1			22.1
			SW		4.0			4.0
			SE		2.0			2.0
			NE	SE			30.0	30.0
			NW				9.2	9.2
			SE		4.0		25.0	29.0
					40.1	0.6	212.1	252.8
1S	2W	33	NW	NE		10.0		10.0
			NE	NW		30.0		30.0
			NW			8.0	7.3	15.3
			SW			21.3	0.1	21.4
			SE			6.0		6.0
			SW	SW			26.0	26.0
						75.3	33.4	108.7
1S	2W	35	SW	NE	12.0			12.0
			SW	NW	10.1			10.1
			SE		11.3			11.3
			NE	SW	39.0			39.0
			NW		40.0			40.0
			SW		23.3			23.3
			SE		24.2			24.2
			NE	SE	13.2			13.2
			NW		31.2			31.2
			SW		17.0			17.0
			SE		23.0			23.0
					244.3			244.3
1S	2W	36	NE	SW	12.3			12.3
			NW		28.0			28.0
			SW		7.0			7.0
					47.3			47.3

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	3W	2	NE	SW			3.0	3.0
			NW				1.6	1.6
			SW				22.0	22.0
			SE				29.0	29.0
							55.6	55.6
1S	3W	3	SE	SE			9.0	9.0
							9.0	9.0
1S	3W	4	SW	NW	11.0			11.0
			NW	SW	34.0			34.0
			SW		24.0			24.0
			SE				11.0	11.0
			SW	SE	1.1			1.1
					70.1		11,0	81.1
1S	3W	5	SW	SW	11.0			11.0
					11.0			11.0
1S	3W	7	NE	NE	23.3			23.3
			NW				3.1	3.1
			SW				38.9	38.9
			SE		38.0			38.0
			NE	NW			20.1	20.1
			SE				31.2	31.2
			NE	SW			25.0	25.0
			SE				2.0	2.0
			NE	SE	12.0		4.0	16.0
			NW				39.0	39.0
			SW				25.6	25.6
			SE		10.3		12.0	22.3
					83.6		200.9	284.5
1S	3W	8	SW	NE			30.0	30.0
			NW	NW	19.0			19.0
			SW		12.0			12.0
			SE				25.6	25.6
			NE	SW	8.0		11.3	19.3
			NW		4.2		11.0	15.2
			SW		4.3		1.8	6.1
			NW	SE			6.0	6.0
					47.5		85.7	133.2

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	3W	9	NE	NE			2.0	2.0
			NW				6.0	6.0
			SW				20.0	20.0
			SE				25.3	25.3
			NE	NW			38.0	38.0
			NW				18.0	18.0
			SW				3.3	3.3
			SE				26.0	26.0
			NE	SW			35.0	35.0
			NW				7.1	7.1
			SW				8.0	8.0
			SE				18.1	18.1
			NE	SE			33.9	33.9
			NW		1.1		32.3	33.4
			SW		8.0		25.3	33.3
			SE		3.0		26.4	29.4
					12.1		324.7	336.8
1S	3W	10	NE	NE			20.3	20.3
			SW		1.0			1.0
			SE		0.1		20.2	20.3
			SW	NW			4.0	4.0
			NE	SW	5.3		9.3	14.6
			NW				30.1	30.1
			SW				15.3	15.3
			NE	SE	7.0		3.0	10.0
			NW		38.0			38.0
			SW		0.2			0.2
					51.6		102.2	153.8
1S	3W	11	SW	NE	10.0			10.0
			NW	NW			4.0	4.0
			SW				4.0	4.0
			SE		3.0			3.0
			NE	SW	4.0			4.0
			SW				8.0	8.0
			SE				2.1	2.1
			NE	SE	2.0			2.0
			NW		27.0			27.0
			SW		3.0			3.0
					49.0		18.1	67.1

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	3W	12	SE	NE			1.1	1.1
			NE	SE			3.2	3.2
							4.3	4.3
1S	3W	14	NW	NE			30.2	30.2
			SW				26.2	26.2
			SE		1.2		24.6	25.8
			NE	NW	1.1		37.9	39.0
			SE				37.5	37.5
			NE	SW	38.0			38.0
			NW		40.0			40.0
			SW		12.3			12.3
			SE		29.2			29.2
			SW	SE	1.3			1.3
			SE		11.0			11.0
					134.1		156.4	290.5
1S	3W	15	SE	NE	21.0			21.0
			NE	NW	11.9		28.0	39.9
			NW		8.0		12.3	20.3
			SW		8.0			8.0
			SE		13.0			13.0
			NE	SE	40.0			40.0
					101.9		40.3	142.2
1S	3W	16	NE	NE			35.0	35.0
			NW				29.0	29.0
			SW		6.0		26.0	32.0
			SE		2.5		36.0	38.5
			SE	NW	0.4		38.3	38.7
			NE	SW			32.7	32.7
					8.9		197.0	205.9
1S	3W	17	NW	NW	4.0			4.0
					4.0			4.0

Irrigation

T.	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	3W	18	NE	NE	16.1		0.1	16.2
			NW		19.0		11.2	30.2
			SW		10.0		28.0	38.0
			SE		10.0		20.0	30.0
			NE	NW			10.5	10.5
			NW		6.0			6.0
			SW		2.0			2.0
			SE				11.0	11.0
			NE	SE	8.0			8.0
			NW		22.0		0.1	22.1
					93.1		80.9	174.0
1S	3W	19	NE	SW	6.0			6.0
			NW		12.0			12.0
			SW		32.0		1.0	33.0
			SE		10.1			10.1
					60.1		1.0	61.1
1S	3W	21	SE	NE		30.1		30.1
			NW	NW	36.0			36.0
			SW		4.0			4.0
					40.0	30.1		70.1
1S	3W	22	NE	NE	37.0			37.0
			NW		34.0			34.0
					71.0			71.0
1S	3W	23	NE	NE	36.0			36.0
			NW		40.0			40.0
			SW		6.0			6.0
			SE		14.0			14.0
			NE	NW	39.5			39.5
			NW		40.0			40.0
			SW		6.0			6.0
			SE		5.0			5.0
					186.5			186.5
1S	3W	30	NW	NW	2.0		8.6	10.6
			SW		0.1			0.1
					2.1		8.6	10.7

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	4W	1	SW	NE			18.0	18.0
			SE				5.0	5.0
			NE	NW	4.0			4.0
			NW				23.0	23.0
			SW				37.4	37.4
			SE		29.3		2.1	31.4
			NE	SW	36.7		2.7	39.4
			NW		11.0		29.8	40.8
			SW		29.1			29.1
			SE		34.2		0.9	35.1
			NE	SE			30.0	30.0
			NW				40.0	40.0
			SW		8.0		23.0	31.0
			SE				33.0	33.0
					152.3		244.9	397.2
1S	4W	2	NE	NE			34.9	34.9
			NW				35.5	35.5
			SW		3.7		35.8	39.5
			SE		7.3		31.0	38.3
			NE	NW			40.0	40.0
			NW				17.7	17.7
			SW		10.0		17.0	27.0
			SE				40.0	40.0
			NE	SW			36.2	36.2
			NW		17.0		3.0	20.0
			SE				17.0	17.0
			NE	SE	13.0		25.4	38.4
			NW		3.2		25.0	28.2
			SW				36.0	36.0
			SE				32.6	32.6
					54.2		427.1	481.3
1S	4W	3	NE	NE	35.2	1.0		36.2
			SE		7.0			7.0
			NW	SE	13.0			13.0
					55.2	1.0		56.2

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	4W	11	NE	NE	19.1		5.0	24.1
			NW				3.1	3.1
			SE		8.0		2.3	10.3
			NE	SW			20.9	20.9
			SE				0.5	0.5
			NE	SE			39.6	39.6
			NW				37.0	37.0
			SW				21.0	21.0
			SE				20.0	20.0
					27.1		149.4	176.5
1S	4W	12	NE	NE	0.1		22.0	22.1
			NW		6.2		26.0	32.2
			SW		3.0		36.2	39.2
			SE		0.3			0.3
			NE	NW	29.2		4.7	33.9
			NW		34.0		0.7	34.7
			SW		17.0		11.0	28.0
			SE		16.0		20.0	36.0
			NE	SW	12.1		0.2	12.3
			NW		2.0		35.0	37.0
			SW				28.0	28.0
			SE		10.1		3.1	13.2
			NW	SE	24.0			24.0
			SW		0.2			0.2
					154.2		186.9	341.1
1S	4W	13	NE	NE	20.0			20.0
			NW		3.3			3.3
			SW		4.1			4.1
			SE		12.0			12.0
			NE	NW	8.0			8.0
			NW		11.3			11.3
			SW		5.0			5.0
			SE				2.5	2.5
			NE	SW			21.1	21.1
			NW		13.0			13.0
			SW		1.1			1.1
			SE		6.0		3.1	9.1
			NW	SE			3.0	3.0
					83.8		29.7	113.5

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	4W	14	NE	NE			7.3	7.3
			NW				13.0	13.0
			SE		2.0			2.0
			NE	NW			0.4	0.4
			NE	SE	2.0			2.0
			SE		4.0			4.0
					8.0		20.7	28.7
1S	4W	23	NE	NE	26.0			26.0
			NE	SE	4.3			4.3
			NW		6.0			6.0
			SW		33.0			33.0
					69.3			69.3
1S	4W	24	SW	NE	1.2			1.2
			NE	NW	21.0			21.0
			NW		33.0			33.0
			SW		30.1			30.1
			SE		39.0			39.0
			NE	SW	38.0			38.0
			NW		40.8			40.8
			SW		7.0			7.0
			SE		5.2			5.2
			NE	SE	9.0		5.0	14.0
			NW		1.1		4.0	5.1
			SW		4.2		27.0	31.2
			SE		3.5		33.9	37.4
					233.1		69.9	303.0
1S	4W	25	NE	NE	0.9		38.7	39.6
			NW				26.0	26.0
			SW				6.1	6.1
			SE		9.0		26.5	35.5
			NW	SW	8.0		12.0	20.0
			SW				39.8	39.8
			SE				16.0	16.0
					17.9		165.1	183.0

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	4W	26	NW	NE	14.0			14.0
			NE	NW	22.0			22.0
			NW		6.0		2.0	8.0
			SW				25.2	25.2
			SE				27.3	27.3
			NE	SW	28.7		11.2	39.9
			NW		8.00		6.0	14.0
			SW		9.2			9.2
			SE		32.0		3.1	35.1
			NE	SE	6.0		0.2	6.2
			NW		12.0		3.0	15.0
			SW		8.0		4.0	12.0
			SE		4.1		12.0	16.1
					150.0		94.0	244.0
1S	4W	27	SE	SE	2.0			2.0
					2.0			2.0
1S	4W	33	NE	SE			27.4	27.4
			NW				3.0	3.0
			SW				17.2	17.2
			SE		1.1		5.7	6.8
					1.1		53.3	54.4
1S	4W	34	NE	NE	3.0			3.0
			SW				33.8	33.8
			SE				19.0	19.0
			NW	NW	20.0			20.0
			SW		21.0		16.5	37.5
			SE				40.0	40.0
			NE	SW			40.0	40.0
			NW				39.0	39.0
			SW		5.0		2.0	7.0
			SE		3.0		12.4	15.4
			NE	SE	2.2		33.2	35.4
			NW		5.0		16.1	21.1
			SW		17.0			17.0
			SE		2.2			2.2
					78.4		252.0	330.4

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1S	4W	35	NE	NE	17.1		15.0	32.1
			NW		13.0		13.8	26.8
			SW		15.0		15.0	30.0
			SE		20.2			20.2
			NE	NW	6.0		27.3	33.3
			NW		14.0		4.0	18.0
			SW				9.0	9.0
			SE				34.0	34.0
			NE	SW			27.0	27.0
			NW		6.1		27.0	33.1
			NW	SE	8.0		12.0	20.0
					99.4		184.1	283.5
1S	4W	36	NE	SW			30.0	30.0
			NW				17.0	17.0
			SW				37.2	37.2
			SE				38.0	38.0
			NW	SE	9.0		2.0	11.0
			SW				12.0	12.0
					9.0		136.2	145.2

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2S	1W	18	NW	NW	22.0			22.0
			SW		18.0			18.0
			SE		7.0			7.0
					47.0			47.0

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2S	2W	1	NW	NW	4.0			4.0
					4.0			4.0
2S	2W	2	NE	NE	5.2			5.2
					5.2			5.2
2S	2W	4	NW	NE			0.2	0.2
			SW		22.3		11.0	33.3
			SE		0.3		9.1	9.4
			NE	NW			10.0	10.0
			NW				17.0	17.0
			SW		2.0		5.0	7.0
			SE		0.3		37.8	38.1
			NE	SW	16.0		20.0	36.0
			NW		2.0			2.0
			SW				1.9	1.9
			SE		6.0		9.1	15.1
			NE	SE			3.0	3.0
			NW				33.1	33.1
			SW				9.2	9.2
					48.9		166.4	215.3
2S	2W	5	NW	NE			6.0	6.0
			SW				9.2	9.2
			NE	NW			39.0	39.0
			NW				31.0	31.0
			SW				16.6	16.6
			SE				27.0	27.0
							128.8	128.8
2S	2W	8	NE	NE	7.0		10.2	17.2
			NW		22.0			22.0
			SE		26.3		11.5	37.8
			NE	NW	10.0			10.0
			SE		10.0			10.0
					75.3		21.7	97.0

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2S	2W	9	NW	NE	6.0			6.0
			SW		8.3			8.3
			NE	NW	2.3		28.6	30.9
			NW				32.0	32.0
			SW		13.0		22.0	35.0
			SE		1.2		11.1	12.3
			NW	SW	12.0			12.0
			NW	SE	7.0			7.0
					49.8		93.7	143.5
2S	2W	10	SW	NE			3.0	3.0
			SW	NW	4.1		15.0	19.1
			SE				23.3	23.3
			NE	SW	2.2		21.0	23.2
			NW		4.0		17.3	21.3
			SW				1.0	1.0
			SE				27.0	27.0
			NW	SE			12.5	12.5
			SW				12.1	12.1
					10.3		132.2	142.5
2S	2W	11	NE	SW	17.0		1.2	18.2
			NW		0.3		7.3	7.6
			SW		13.0		20.0	33.0
			SE		33.0			33.0
			NW	SE	7.0			7.0
			SW		18.0			18.0
					88.3		28.5	116.8
2S	2W	13	SE	NE	8.0			8.0
			SW	NW			8.0	8.0
			SE		3.3		3.4	6.7
			NE	SW	11.0		3.9	14.9
			NW		14.0		8.0	22.0
			SW		2.0			2.0
			SE		6.0			6.0
					44.3		23.3	67.6

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2S	2W	14	NW	NE			10.3	10.3
			NE	NW			17.0	17.0
			NW				13.3	13.3
			SW				21.0	21.0
			NE	SE	8.3		9.0	17.3
			SE		5.1			5.1
					13.4		70.6	84.0
2S	2W	15	NE	NE	38.2			38.2
			NW		8.2		0.1	8.3
			NE	NW			10.0	10.0
			NW				8.0	8.0
					46.4		18.1	64.5

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights Full Supply	Existing Water Rights Suppl. Supply	Total
2S	3W	6	SW	SW	11.0			11.0
			SE		17.0			17.0
					28.0			28.0
2S	3W	7	NE	NW	18.0		11.0	29.0
			NW		21.2		15.3	36.5
			SW		12.0		7.3	19.3
			SE				9.0	9.0
			NE	SW	9.0			9.0
			NW		19.0		13.0	32.0
			SW		24.0		10.2	34.2
			SE		38.0			38.0
			NW	SE	4.0			4.0
			SW		11.0			11.0
					156.2		65.8	222.0
2S	3W	18	NW	NE	6.0			6.0
			SW		32.0			32.0
			NE	NW	8.1			8.1
			NW		34.0			34.0
			SW		25.0			25.0
			SE		17.0			17.0
			NE	SW	2.1			2.1
			NE	SE	2.0			2.0
			NW		24.0			24.0
					150.2			150.2

MAY 7 1971

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
2S	4W	1	NE	NE	2.3			2.3
			NW		3.2		12.3	15.5
			SW		4.0		14.0	18.0
			SE		8.0			8.0
			NE	NW			40.0	40.0
			NW				40.4	40.4
			SW				39.8	39.8
			SE				40.0	40.0
			NE	SW			39.8	39.8
			NW				32.8	32.8
			SW		12.1		17.4	29.5
			SE				39.7	39.7
			NW	SE			28.0	28.0
			SW				38.8	38.8
			SE				4.1	4.1
					29.6		387.1	416.7
2S	4W	11	NE	NE	31.0			31.0
			NW		13.0			13.0
			SW		4.0			4.0
			SE		11.0			11.0
					59.0			59.0
2S	4W	12	NE	NE	2.0		13.3	15.3
			NW				40.00	40.0
			SW				39.0	39.0
			SE		17.2		20.0	37.2
			NE	NW	7.0		28.5	35.5
			NW		33.0			33.0
			SW		14.0			14.0
			SE		4.0		16.2	20.2
			NE	SW	2.0		2.0	4.0
			NE	SE	23.0		16.0	39.0
			NW		16.0		5.3	21.3
			SW		14.3			14.3
			SE		4.0		7.0	11.0
					136.5		187.3	323.8
2S	4W	13	NE	NE	28.2			28.2
			NW		11.1			11.1
			SE		10.0			10.0
					49.3			49.3

Dwg. No. 417-145-195 MUNICIPAL INDUSTRIAL

Lake Oswego Corp.

40 Acre Tract

T	R	S	1/4	1/4	Acres	
2S	1E	4	SE	SE	40	
			SW		40	
			SE	SW	15	
						95
		3	SW	SW	10	
						10
		8	SE	NE	2.2	
			NE	SE	14.6	
			NW		3.4	
			SE		8.4	
			SW		1.6	
			SE	SW	9.7	
			SW		14.9	
						54.8
		9	NE	NE	15.1	
			NW		4.4	
			SW		4.6	
			SE		4.4	
			SE	NW	6.5	
			SW		18.5	
			NW	SW	5.8	
			NE		5.8	
			SW		17.8	
			SE		16.1	
			NE	SE	5.3	
			NW		7.6	
						111.9

Dwg. No. 417-145-195 MUNICIPAL INDUSTRIAL

Lake Oswego Corp.

40 Acre Tract

T	R	S	1/4	1/4	Acres	
2S	1E	17	NE	NE	2.3	
			NW		15.7	
			SW		5.6	
			NE	NW	24.3	
			NW		6.7	

54.6

326.3

T	R	S	1/4	1/4
1S	3W	5	NW	NW
			SW	
1S	3W	6	NW	NW
			NE	
			SW	
			SE	
			NW	NE
			NE	
			SW	
			SE	
			NW	SW
			NE	
			NW	SE
			NE	
1N	3W	31	NW	NW
			SW	
			NW	SW
			NE	
			SW	
			SE	
			NW	SE
			SW	
			SE	
1N	3W	32	SW	NW
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NE	NE
			SW	
			SE	
			NW	SE
			NE	
			SW	
			SE	
1N	3W	33	NW	NW
			SW	
			NW	SW
			SW	
1N	4W	26	SW	SE
			SE	SW
1N	4W	35	NE	NE
			NW	
			SE	
			SW	
			NE	NW

MAY 7 1971

T	R	S	1/4	1/4
1N	4W	36	SE	NW
			NE	SW
			SW	NE
			SE	
			NW	SE
			NE	
			SW	
			SE	
1S	4W	1	NE	NE
			SE	

T	R	S	1/4	1/4
1S	2W	3	SW	SW
		4	NW	NW
			NE	
			SW	
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NW	SE
			NE	
			SW	
			SE	
		5	All of Section	
		6	NW	NW
			NE	
			SW	
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NE	NE
			NW	
			SW	
			SE	
			NW	SE
			NE	
		7	NW	NW
			NE	
1S	2W	8	NW	NW
			NE	
1S	3W	1	NW	NW
			NE	
			NW	NE
			NE	
			SW	
			SE	
1N	2W	27	SW	SW
			SE	

T	R	S	1/4	1/4
1N	2W	28	SW	NW
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NW	SE
			SW	
			SE	
		29	SW	NE
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NW	SE
			NE	
			SW	
			SE	
1N	2W	30	NW	SE
			NE	
			SW	
			SE	
			SE	SW
		31	All of Section	
		32	All of Section	
		33	NW	NW
			NE	
			SW	
			SE	
			NW	NE
			NE	
			SW	
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NE	SE
		34	NW	NW
			NE	
			SW	
			SE	
			NW	SW
			NE	

MAY 7 1971

T	R	S	1/4	1/4
1N	1W	36	NW	NE
			NE	
			SW	NE
			SE	
			SE	NW
			NE	SW
			NW	SE
			NE	
			SW	SE

T	R	S	1/4	1/4
1S	1W	8	NE	SE
			SW	
			SE	
		9	SW	SW
			SE	
			NW	SE
			NE	
			SW	
			SE	
			NE	NE
			SE	
1S	1W	14	SW	NW
			SE	
			NW	SW
			NE	
			SW	
			SE	
			SW	NE
			NW	SE
			SW	
1S	1W	15	NW	NW
			NE	
			SW	
			SE	
			SW	NE
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NW	SE
			NE	
			SW	
			SE	
1S	1W	16	All of Section	
1S	1W	17	NE	NE
			SE	
			NE	SE
			SE	
1S	1W	20	NE	NE
			SE	
			NE	SE
			SE	
1S	1W	21	All of Section	

T	R	S	1/4	1/4	
1S	1W	22	NW	NW	
			NE		
			SW		
			SE		
			NW	SW	
			NE		
			SW		
			SE		
			NW	NE	
			NE		
			SW		
			SE		
			NW	SE	
			NE		
			SW		
1S	1W	23	NW	NW	
			NE		
			SW		
			SE		
			NW	NE	
1S	1W	28	All of Section		
1S	1W	33	NW	NW	
			NE		
			SE		

T	R	S	1/4	1/4
1S	1W	34	NE	SW
			SW	
			SE	
			NW	SE
			NE	
			SW	
			SE	
1S	1W	35	NW	SW
			NE	
			SW	
			SE	
			SW	SE
			SE	
2S	1W	2	All of Section	
2S	1W	3	All of Section	
2S	1W	4	NW	NW
			NE	
			SW	
			SE	
			NE	SW
			NW	NE
			NE	
			SW	
			SE	
			NW	SE
			NE	
2S	1W	5	SE	SW
			SW	SE
			SE	
2S	1W	8	NW	NW
			NE	
			NW	NE
			NE	
			SW	
			SE	
2S	1W	9	NW	NW
			NE	
			NW	NE
			NE	
			NW	SW
			NE	
			SW	
			SE	
			NE	SE
			SW	
			SE	

TIGARD WATER DISTRICT

MAY 7 1971

T	R	S	1/4	1/4
2S	1W	10	NW	NW
			NE	
			SW	
			SE	
			NW	NE
			NE	
			SW	
			SE	
			NW	SW
			NE	
			SW	
			SE	
2S	1W	11	NW	NW
			NE	
			SW	
			SE	
			NW	NE
			NE	
			SW	
			SE	
			NW	SW
			NE	
		15	NW	NW
			NE	
			SW	
			SE	

MAY 7 1971

T	R	S	1/4	1/4
1S	4W	6	SE	SE
1S	4W	7	NE	NE
			NW	
			SW	
			SE	
			NW	NW
			SW	
			SE	
			NW	SW
			NE	
			SW	
			SE	
			NE	SE
			NW	
			SE	
1S	4W	8	SW	SE
			SE	SW
			SW	
1S	4W	17	NW	NE
			SW	
			NE	NW
			NW	
			SW	NW
			SE	
			NW	SW
			NW	SE
			NE	
			SW	
			SE	
1S	4W	18	NE	NW
			NW	
			SE	NW
			SW	
			NW	SW
			NE	
			SW	
			SE	
			NE	SE
			SW	
			SE	
1S	4W	19	NE	NE
			NW	
			SE	
			SW	
			NE	NW
			NE	SE
			NW	

MAY 7 1971

T	R	S	1/4	1/4
1S	4W	20	NE	NE
			NW	
			SE	NW
			NW	SW
			NE	
1S	5W	12	NE	NE
			SE	
			SW	
			SE	NW
			NE	SW
			NE	SE
			NW	
1S	5W	13	NE	SE

MAY 7 1971

Irrigation

T	R	S	40-Ac. Tr. 1/4	40-Ac. Tr. 1/4	Dry Lands	Existing Water Rights: Full Supply	Existing Water Rights: Suppl. Supply	Total
1N	3W				2,894.5	947.2	542.9	4,384.6
1N	4W				1,321.4	950.7	157.9	2,430.0
2N	3W				307.7	70.5		378.2
1S	2W				843.7	262.4	1,280.7	2,377.8
1S	3W				1,026.6	30.1	1,295.7	2,352.4
1S	4W				1,195.0	1.0	2,013.3	3,209.3
2S	1W				47.0			47.0
2S	2W				385.9		683.3	1,069.2
2S	3W				334.4		65.8	400.2
2S	4W				274.4		574.4	848.8
			TOTAL		8,621.6	2,261.9	6,614.0	17,497.5
			Oswego					326.3
								17,823.8

Municipal or Domestic Supply— Tigard Water District, Hillsboro, Forest Grove, Beaverton, Lake Oswego Corporation and others, including interim uses

10. (a) To supply the City of by Unified Sewage Agency, in Counties

Washington & Clackamas County, having a present population of 90,000 in 1960
(Name of)

and an estimated population of 250,000 in 19 90

(b) If for domestic use state number of families to be supplied Unknown

(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, $ 31,449,000

12. Construction work will begin on or before June 1972, if funded by Congress

13. Construction work will be completed on or before December 1976, if funded by Congress
Extended to October 1, 1995, 10-1-2000

14. The water will be completely applied to the proposed use on or before 1986
Extended to October 1, 1995, 10-1-2000

N. R. Stivers
(Signature of applicant)

Acting Regional Director

Remarks: This application relates to the Tualatin Federal Reclamation Project authorized by the Act of September 20, 1966, 80 Stat. 822. The project plan is contained in House Document No. 295, 88th Congress, 2d session, which contains the approval of the State of Oregon and this House Document is incorporated by reference to this application. This application revises application No. 38887 filed in your office by our letter of February 15, 1963. This application applies the use of natural waters, use of water to be stored in Scoggins Reservoir and the use of return flow water from the project. Attached is a general description of the project and its plan of operation, designated Attachment B.

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

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

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

WITNESS my hand this day of , 19 .

STATE ENGINEER

By

ASSISTANT

PERMIT

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

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

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 366.8 *cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from* Scoggins Creek and Reservoir to be constructed under application No. R-38449, permit No. R-5777, Carpenter, Gales, Dairy and McKay Creeks and Tualatin River, being 245.8 cfs from Scoggins Creek and Reservoir, 6.0 cfs from Carpenter Creek, 13.0 cfs from Gales Creek, 8.0 cfs from Dairy Creek, 4.0 cfs from McKay Creek and 90.0 cfs from Tualatin River

The use to which this water is to be applied is irrigation, supplemental irrigation, municipal and quality control, being 222.8 cfs for irrigation from streams and reservoir, 10,600.0 af from reservoir for water quality control released at a rate of 74.0 cfs, and 13,000.0 af for municipal use from reservoir released at a rate of 70.0 cfs, and 6,190.0 af retained in minimum pool in reservoir for fish and recreation.

If for irrigation, this appropriation shall be limited to 1/80 *of one cubic foot per second or its equivalent for each acre irrigated* from direct flow and shall be further limited to a diversion of not to exceed 2½ acre feet per acre for each acre irrigated during the irrigation season of each year from direct flow and storage from reservoir to be constructed under permit No. R-5777 provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein and further limited to the use of stored water only on the lands described as supplemental, however said lands listed as being for supplemental irrigation may be considered as primary irrigation if at time of final proof it is determined that no primary right exists for these lands, *and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.*

The priority date of this permit is February 20, 1963

Actual construction work shall begin on or before May 1, 1973 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*75.

Extended to Oct. 1985 Extended to October 1, 1990

*Complete application of the water to the proposed use shall be made on or before October 1, 19*76.

Extended to Oct. 1985 Extended to October 1, 1990

WITNESS my hand this 1st *day of* May, 19 72.

[signature]

STATE ENGINEER

4

A

Application No. 38447

Permit No. 35792

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 20th *day of* February, 1963, *at* 8:00 *o'clock* A. *M.*

Returned to applicant:

Approved: May 1, 1972

Recorded in book No. ... *of Permits on page* 35792

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 *page* 62A20

Fees [illegible]