

Name CITY OF SILVERTON
By _____
Address 306 South Water Street
Silverton, OR 97381

Date filed March 20, 1973
Priority March 20, 1973
Action suspended until Res comp

Return to applicant _____
Date of approval May 18, 1973

CONSTRUCTION

Date for beginning May 18, 1974
Date for completion October 1, 1975
Extended to _____

Date for application of water _____
Extended to _____

PROSECUTION OF WORK

Form "A" filed 3-6-78 Letter of 3-3-78
Form "B" filed 3-6-78 " "
Form "C" filed 10-13-2014

FINAL PROOF

Blank mailed _____
Proof received COBLW 8/10/2016
Date certificate issued 5/19/2020

Application No. R-50184
Permit No. R 5948
Certificate No. 95023

Stream Index, Page No. 2-38320

See file No. 50185
DAM file - S66
Plan 8 " "

ASSIGNMENTS				
Date	To Whom	Address	Volume	Page

REMARKS

Silver Creek Reservoir and storage of 1300.0 af from Silver Creek to be
appropriated under application No. 50185, permit No. 36714 for municipal use

JUN 3 1974 CARD FOR A
Card for BC NOV 3 0 1976

Form 100 FEB 23 1978

COBU MAP # 1014

FEES PAID

Date	Amount	Receipt No.
<u>3-30-73</u>	<u>30.50</u>	<u>32956</u>

\$1 Cert. Fee

FEES REFUNDED

Date	Amount	Check No.

3/21/73 - P. & S. required. Prelims on file in Flat Drawer
Finals will be submitted before 4/1/73
al

Check
for overbills
R-41230

Mailing List for Final Certificate

Application: R-50184

Permit: R-5948

Certificate: 95023

Permit/Certificate Holder:

CITY OF SILVERTON
306 SOUTH WATER ST
SILVERTON OR 97381

Is the Permit Holder(s) of record currently identified as a landowner of any tax lots involved as confirmed by the County records? **YES**

Copies of Final Certificate to be sent to:

1. Watermaster District #: 16
2. Water Availability
3. Vault
4. File

Other persons to receive copies: (include map):

5. Paul Eckley, CWRE

Copies Mailed	
by:	<u>TM</u> (STAFF)
on:	<u>5/19/2020</u> (DATE)



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer St NE, Ste A
Salem, OR 97301
Phone: 503-986-0900
Fax: 503-986-0904
www.Oregon.gov/OWRD

DATE MAILED: MAY 19 2020

NOTICE OF CERTIFICATE ISSUANCE

The attached certificate confirms the water right established under the terms of a permit issued by this Department. The water right is now appurtenant to the specific place where the use was established as described by the certificate. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

The certificate is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership of the appurtenant place of use. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If any portion of this water right is not used for five or more consecutive years that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact Gerry Clark at 503-986-0811.



STATE OF OREGON

COUNTY OF MARION

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF SILVERTON
306 SOUTH WATER ST
SILVERTON OR 97381

confirms the right to store water perfected under the terms of Permit R-5948. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: R-50184

SOURCE OF WATER: STORAGE OF WATER FROM SILVER CREEK TO BE APPROPRIATED UNDER
APPLICATION NUMBER 50185, PERMIT NUMBER 36714

STORAGE FACILITY: SILVER CREEK RESERVOIR

PURPOSE OR USE OF THE STORED WATER: MUNICIPAL USE

MAXIMUM STORAGE VOLUME: 1300.0 ACRE-FEET

DATE OF PRIORITY: MARCH 20, 1973

The dam is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
7 S	1 W	WM	12	NE NE	762 FEET SOUTH AND 669 FEET WEST FROM NE CORNER, SECTION 12

The area submerged by this reservoir are as follows:

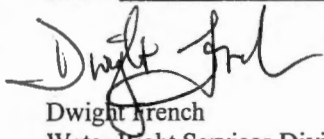
Twp	Rng	Mer	Sec	Q-Q
7 S	1 W	WM	12	NE NE
7 S	1 E	WM	7	NW NW
7 S	1 E	WM	7	SW NW
7 S	1 E	WM	7	SE NW
7 S	1 E	WM	7	NE SW

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

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

Issued **MAY 19 2020**

A handwritten signature in black ink, appearing to read "Dwight French", is written over a horizontal line.

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

2016 List

MEMO -Proof to Satisfaction

Application # <u>R-50184</u>	Permit # <u>R 5948</u>	Transfer #
WRD Reviewer <u>J Skaug</u>	Date <u>March 2020</u>	
WRD Peer Reviewer	Date	

Research

- ☒ Organize file in chronological order
- ☒ Pull CBU Report & Map(s), Application Map, relevant Permit, Certificate, or Transfer Order, most recent Assignments, Extension Orders, SWL Measurements, Fish Screen Certification Documents, Water Use Reports & Pump Tests
- ☒ Search for Water Right Location using Interactive Mapper. Identify Tax Lots & check for Area of Interest (AOI)
- ☒ Water Organization identified using AOI? ☒ No ☐ Yes
If "Yes" cc: _____ & Add to Mailing List
- ☒ Print Tax Lot Map from ormap.net for the original Place of Use, and confirm Current Ownership & Address with County Assessor No Muni
If there is a new owner, Add to Mailing List, including the owner(s) name & tax lot number
- ☒ Print Platcard & check for Place of Use Conflict? ☒ No ☐ Yes
If "Yes", provide copy of certificate & relevant map
- ☒ Print BLM Cadastral Survey
- ☒ Does Claim Map identify correct DLC, Gov't Lots, QQ's? ☐ No ☐ Yes (Not a good map!)
If "No", either _____ WRD amend map OR _____ prepare Order of Certification

Reviewing Claim

Have conditions on relevant permit, certificate, or transfer order been complied with? Yes, No, OR N/A

- ☐ Fish Conditions
- ☐ Meter/measuring device - Water use reporting from 1989-2019
- ☐ Water Use Reporting
- ☐ Pump Test (post December 19, 1988)
- ☐ Other Conditions _____
- ☐ SWL
- ☒ C-Date 10-1-1975 claim says 11-1974
- ☒ Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)

NOTES:

1) Paul Eckley, CWRE

Appears Res Covers	nene	7S 1W	Sec 17
	nwnw	7S 1E	Sec 7
	swnw	7S 1E	
	se nw	7S 1E	
	ne SW	7S 1E	

Going fine

Determination

✓ I've determined that the permit/transfer was fully developed as authorized and that a **FINAL** Certificate should be issued.

Made Proof

___ I've determined that the permit/transfer was not fully developed as authorized and that a **PROPOSED** Certificate should be issued. A proposed Certificate should be issued for the following reason(s):

____ I've determined that beneficial use was NOT made within the terms and conditions and that a **Proposed Order of Certification** (denial) should be issued. A proposed Order of Certification should be issued for the following reason(s):

Processing

___ Stamp PROPOSED or Assign CERT# _____ or ORDER OF CERTIFICATION (circle one)

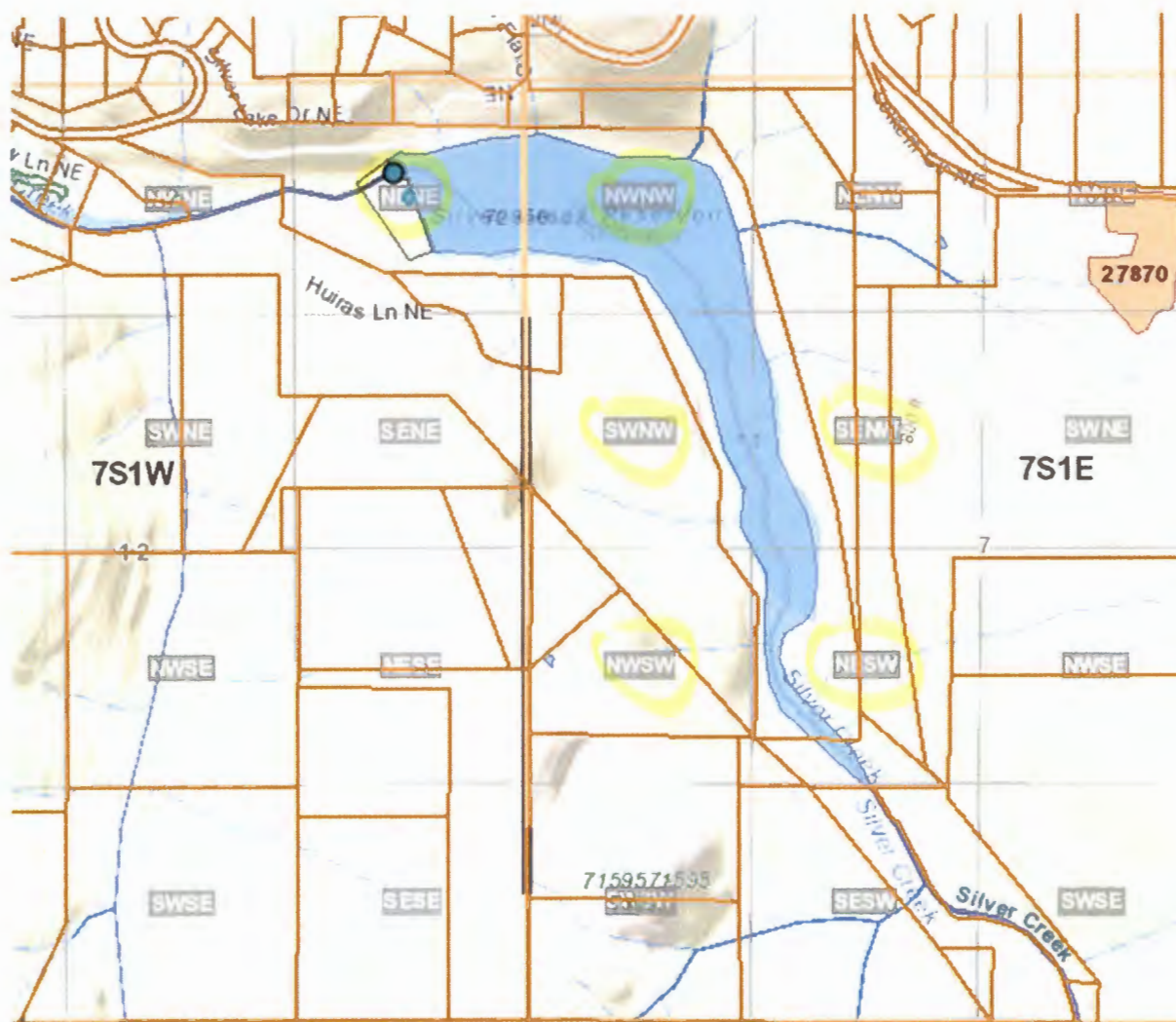
____ Draft Certificates or Proposed Order of Certifications are available in the Application directory.

____ Prepare Mailing List. Include Applicant(s); Receiving Landowner(s); Current Owner(s); Water Organizations; CWRE. Indicate records to be marked.

___ Record marking: App _____ Permit _____ Cert _____
 App _____ Permit _____ Cert _____
 App _____ Permit _____ Cert _____
 App _____ Permit _____ Cert _____

NOTES:

[illegible]



ity product
providing
y of public
tions, and

pschuetz@silverton.or.us



Chelsea Starnier

Public Works Coordinator

cstarnier@silverton.or.us

e systems
ge capital
sional and
activities.

Public Works

Physical Address

306 S Water Street
Silverton, OR 97381

Phone: 503-873-8679

Fax: 503-873-3210

Hours

Monday - Friday
8:00 am - 5:00 pm

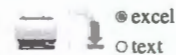
Director

no conflict

Records/Page: 10

	<u>Contacts</u>	<u>Application</u>	<u>Permit</u>	<u>Certificate</u>	<u>Claim</u>	<u>Decree</u>	<u>Transfers</u>	<u>Status</u>
Select	OWNER: CITY OF SILVERTON BOB WILLOUGHBY 306 SOUTH WATER ST SILVERTON, OR 97381	R50184	R5948					NC
Select	OWNER: CITY OF SILVERTON 306 SOUTH WATER STREET SILVERTON, OR 97381	S50185	S36714					NC
Select	OWNER: EBER A/RUTH D TETER RT 1 BOX 261 A SILVERTON, OR 97381	S24366	S19641	26108				NC
Select	OWNER: SHERILL A FUNRUE RT 3 BOX 37 SILVERTON, OR 97381	R41230	R4656	35885				NC
Select	OWNER: SHERRILL A FUNRUE RT 3 BOX 37 SILVERTON, OR 97381	S41231	S30827	35886				NC

Water Use Report Based on Water Right



Permit: R 5948 *
WILLOUGHBY, BOB CITY OF SILVERTON 306 SOUTH WATER ST SILVERTON, OR
97381

Records per page: 999

[View All](#)

Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total Water Used	Irrigated Acres
2019	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2018	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2017	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2016	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2015	12194	SILVER CR RES STORAGE	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	1330.00	
2014	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2011	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2010	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2009	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2008	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2007	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
2006	12194	SILVER CR RES STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2005	12194	SILVER CR RES STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2004	12194	SILVER CR RES STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2003	12194	SILVER CR RES STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2002	12194	SILVER CR RES STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000	12194	SILVER CR RES STORAGE	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	
1999	12194	SILVER CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	

		STORAGE												
		SILVER												
1998	12194	CR RES	1297.00	1292.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1997	12194	CR RES	1300.00	1291.70	1284.70	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1996	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1995	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1994	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1993	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1992	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1991	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1990	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												
		SILVER												
1989	12194	CR RES	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
		STORAGE												

*The water year is named for the calendar year in which it ends. Example: the 2018 water year begins Oct. 1, 2017 and ends Sep. 30, 2018.

- The Water Resources Department makes reasonable efforts to screen the data for quality control; however, the Department cannot accept responsibility for errors, omissions, or accuracy of the information. Notification of any errors is appreciated. Send notifications to wateruse@wr.state.or.us or call (503) 986-0905.
- Water use is reported by point of diversion (POD), rather than by water right.
- If a POD is shared with multiple water rights, it is not feasible to separate out the amount used under the water right being queried from water used by other rights using this same POD.
- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeroes indicate that a report was received stating that no water was used during those months; if a year is not listed, no report of water use was received for that year.

Remarks: The spillway design flood was computed to be 14,200 cfs according to procedure set forth by the U.S. Weather Bureau Hydro-meteorological Report No. 43 for computation of maximum probable precipitation. An additional 4 feet of freeboard was allowed above computed maximum flood level in the reservoir.

Sudden failure of the dam would cause serious flooding in Silverton and downstream with resulting heavy property damage and probable loss of life.

Res covers: here 7S 1W Sec 12
NWNW, SWNW, SENW, NESW 7S 1E Sec 7

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 the following limitations and conditions: The right herein granted is limited to the construction of Silver Creek Reservoir and storage of water from Silver Creek to be appropriated under application No. 50185, permit No. 36714 for municipal use

The right hereunder shall be limited to the storage of 1300.0 acre feet.

The priority date of this permit is March 20, 1973

Actual construction work shall begin on or before May 18, 1974 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1975.

WITNESS my hand this 18th day of May, 1973.

[Signature]

STATE ENGINEER

OK.
[Signature]

762' South
and
669'
West
from
NE corner,
Sec 12

Application No. R-50194

Reservoir Permit No. R 5948

PERMIT

To construct a reservoir and store for beneficial use the unappropriated 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 March, 1973, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

May 18, 1973

Recorded in Book No. _____ of
Reservoirs, on Page R 5948

CHRIS L. WHEELER

State Engineer

Drainage Basin No. 2 page 38820

**Application for a Permit to Construct a Reservoir and to
Store for Beneficial Use the Unappropriated
Waters of the State of Oregon**

I, City of Silverton
(Name of Applicant)
of 306 South Water Street Silverton
(Mailing address) (City)

State of Oregon 97381
(Zip Code), do hereby make application for a permit to construct the
following described reservoir and to store the unappropriated waters of the State of Oregon, subject to
existing rights.

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

1891 Silverton, Oregon

1. The name of the proposed reservoir is Silver Creek Reservoir.

2. The name of the stream from which the reservoir is to be filled and the appropriation made is

Silver Creek

tributary of Pudding River

3. The amount of water to be stored is 1300 acre feet.

4. The use to be made of the impounded water is Municipal Supply

(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. S12 T7S, RIW and S. 7&18, T7S, R1E

(Give sections or townships to be submerged)

Tp. R, W.M., in the county of Marion

(a) State whether situated in channel of running stream and give character of material at outlet

Situated in channel of Silver Creek, a running stream. Outlet will be
in rock.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give

name and dimensions

6. The dam will be located in N.E. 1/4 of N.E. 1/4, Sec. 12

(Smallest legal subdivision)

Tp. 7 S, R. 1 W, W.M. The maximum height will be 65 feet above stream bed or ground

surface on center line of dam. The length on top will be about 500 feet; length on

bottom about 300 feet; width on top 20 feet; slope on front

or water side 3 : 1; slope on back 2 : 1; height of dam above water line

(Foot horizontal to 1 vertical)

(Foot horizontal to 1 vertical)

when full 16 feet.

*A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured
without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

11 2012

R 5948

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Zoned earthfill comprised of a fine grain soil core section with rocky shell sections. Coarser basalt rock from the spillway excavation or cobbles from the gravel borrow areas will be placed on the upstream slope.

8. The location of wasteway with dimensions are as follows: Chute Spillway around the dam, 120 ft. wide at crest, narrowing gradually to 60 feet wide at 180 feet downstream of crest.
(State whether over or around the dam)

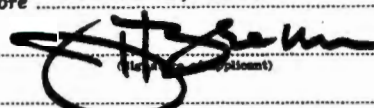
9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: At base of dam, 42 inch, cast in place reinforced concrete outlet pipe.
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be 65 acres, with a maximum depth of water of 50 feet; and approximate mean depth of water 20 feet.

11. The estimated cost of the proposed work is \$500,000.

12. Construction work will begin on or before May, 1973.

13. Construction work will be completed on or before December, 1973


(Signature)

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 R 5948

ASSISTANT



Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

August 15, 2016

City of Silverton
306 S Water Street
Silverton OR 97381

On August 10, 2016 the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application R-50184 Permit R-5948

The COBU included a report and map. In the future the Department will review your submittal. At that time we will review these items and provide a final certificate, proposed certificate, or a request for additional information.

If you are interested in having your COBU reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at:

http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml

Customer Service phone: (503) 986-0801

If you sell the property, please contact the Department, or have the new owners contact the Department about the need to file an assignment.

Cc: file

Checklist for Claims of Beneficial Use Received At Customer Service Counter

Date Received 8/10/2016 CWRE Eckley

By Scott CSG

File Marked yes

Claim Logged yes

Application # R-50184 \$175.00 Fee

Priority Date: 1973

Transfer # _____ \$175.00 Fee if priority date is after July 9, 1987.

Map Review:

- ☒ Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- ☒ Application & permit #; or transfer # (OAR 690-014-0100(1))
- ☒ Disclaimer (OAR 690-014-0170(5))
- ☒ North arrow (OAR 690-310-0050(2)(c))
- ☒ CWRE stamp and signature (OAR 690-014 & 310-0050)
- ☒ Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- ☒ Township, range, section, and tax lot numbers (OAR 690-310-0050(4))

Report Review:

- ☒ On form or format provided by the Department (OAR 690-014-0100(1))
- ☒ Application & permit #; or transfer # (OAR 690-014)
- ☒ Ownership information (OAR 690-014)
- ☒ Date of survey (OAR 690-014)
- ☒ Person interviewed (OAR 690-014)
- ☒ County (OAR 690-014)
- ☒ CWRE stamp and signature (OAR 690-014-0100)
- ☒ Signature(s) of permittee or transfer holder (OAR 690-014-0100)

**CLAIM OF
BENEFICIAL USE
for Reservoir Permits by
CWRE's (not self-certified)**



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

**A fee of \$175 must accompany this form for permits
with priority dates after July 8, 1987.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
http://www.oregon.gov/owrd/pages/wr/cwre_info.aspx

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see:

http://www.oregon.gov/owrd/pages/mgmt_reimbursement_authority.aspx

**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
R-50184	R-5948	N/A

RECEIVED

AUG 10 2016

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME City of Silverton		PHONE NO. 503-873-8679	ADDITIONAL CONTACT NO. 503-874-2210
ADDRESS 306 S Water Street			
CITY Silverton	STATE OREGON	ZIP 97381	E-MAIL N/A

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each permit holder of record must sign this form.***

3. Permit holder of record (this may, or may not, be the current property owner)

PERMIT HOLDER OF RECORD City of Silverton			
ADDRESS 306 S Water Street			
CITY Silverton	STATE OREGON	ZIP 97381	

ADDITIONAL PERMIT HOLDER OF RECORD N/A		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection: **September 1, 2015**

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Paul Eckley	9/1/15	Silverton Public Works Director

6. County: **Marion**

7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(4)):

OWNER OF RECORD N/A		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

RECEIVED

AUG 10 2016

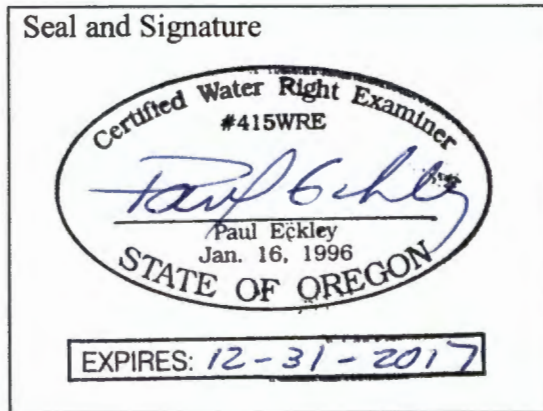
**WATER RESOURCES DEPT
SALEM, OREGON**

SECTION 2

SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

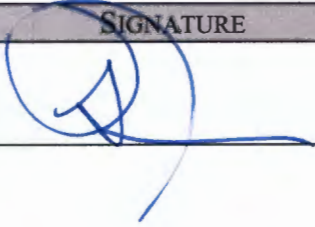


CWRE NAME Paul Leland Eckley	PHONE NO. 503-874-2210	ADDITIONAL CONTACT NO. 503-580-6476	
ADDRESS 306 S. Water Street			
CITY Silverton	STATE OREGON	ZIP 97381	E-MAIL peckley@silverton.or.us

Permit Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Bob Willoughby	City Manager	8/9/16

RECEIVED

SECTION 3

CLAIM DESCRIPTION

1. Reservoir source and, if from surface water, the tributary:

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Silver Creek Reservoir	Silver Creek	Pudding River

2. Developed use(s), period of use, and rate for each use:

RESERVOIR NAME OR NUMBER	USES	SEASON OR MONTHS WHEN WATER WAS APPROPRIATED FOR STORAGE	VOLUME STORED (AF)
Silver Creek Reservoir	Municipal Water Supply	Jan 1 st thru Dec 31st	1,300
Total Quantity of Water Stored			1,300

3. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of diversion to the reservoir:

Silver Creek Reservoir is an in-channel reservoir, constructed in Silver Creek, a running stream.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

4. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below.

YES

NO

(e.g. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Silver Creek Reservoir	1,300	1,300

RECEIVED

AUG 10 2016

SECTION 4

SYSTEM DESCRIPTION

Are there multiple reservoirs?

YES ☒ NO

If "YES" you will need to copy and complete Sections 4B through 4E for each reservoir.

Reservoir Name or Number this section describes (only needed if there is more than one):

A. Reservoir Location

1. Is the reservoir on-channel?

☒ YES NO

2. Provide dam outlet location and/or point of diversion(s).

TWP	RNG	MER	SEC	QQ	GLOT	DLC	MEASURED DISTANCES
7S	1W	N/A	12	NE	N/A	37	Approximate center of dam embankment is 669 feet west of and 762 feet south of the NE Corner of Section 12.

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), and Quarter-Quarters (QQ).

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport the water from the point(s) of diversion to the reservoir.

1. Is a pump used?

YES ☒ NO

If "NO" items 2 through item 5 may be deleted.

C. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES ☒ NO

If "NO", items 2 through 4 relating to this section may be deleted.

D. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES ☒ NO

If "NO", items 2 through 4 relating to this section may be deleted.

E. Reservoir

1. Does the reservoir require the submittal of as-built plans and specifications?

☒ YES NO

If "YES", answer items 2; items 3 through 8 relating to this section may be deleted.

If "NO", skip items 2; answer items 3 through 8.

RECEIVED

AUG 10 2016

2. Complete the table:

HAVE THE DOCUMENTS BEEN SUBMITTED? YES OR NO	WHEN WERE THE DOCUMENTS SUBMITTED?	HAVE THEY BEEN APPROVED BY THE DEPARTMENT?	NUMBER OF ACRE FEET STORED
Yes	January 1975	Yes	1,300

SECTION 5 CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	May 18, 1973		
BEGIN CONSTRUCTION (A)	May 18, 1974	May 23, 1973	Contractor began work at the construction site on May 23, 1973.
COMPLETE CONSTRUCTION (B)	October 1, 1975	November 1974	Construction of reservoir completed the month of November 1974
COMPLETE APPLICATION OF WATER (C)	October 1, 1975	November 1974	The spillway first crested on November 25, 1974, equally 1,300 af.

* MUST BE WITHIN PERIOD BETWEEN PERMIT OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)?

YES **NO**

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device?

YES **NO**

If "NO", items 3b through 3f relating to this section may be deleted.

4. Recording and reporting conditions

a. Is the water user required to report the water use to the Department?

YES **NO**

If "NO", item 4b relating to this section may be deleted.

5. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion?

YES **NO**

If "NO", items 5b through 5e relating to this section may be deleted.

RECEIVED

6. By-pass Devices

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion?

YES ☒ NO

If "NO", items 6b and 6c relating to this section may be deleted.

7. Other conditions required by permit, permit amendment final order, or extension final order

a. Was the water user required to restore the riparian area if it was disturbed?

YES ☒ NO

b. Was a fishway required?

YES ☒ NO

c. Was submittal of a letter from an engineer required prior to storage of water?

YES ☒ NO

d. Was submittal of a water management and conservation plan required?

YES ☒ NO

e. Other conditions?

YES ☒ NO

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

SECTION 6 ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Map	Claim of Beneficial Use Map
1975 Final Construction Report	CH2M-Hill Final Construction Report minus attachments.
Storage – Area Curve	Graph from as-built plans showing storage volume in acre-feet versus reservoir water surface elevation in feet.

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The base map used for the COBU map is from the City of Silverton's GIS. The location of the embankment in relation to the section corner is based on the aerial photographs in the City of Silverton's GIS (2012).

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- ☐ Map on polyester film.
- ☐ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☐ Township, Range, Section, Donation Land Claims, and Government Lots
- ☐ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☐ Locations of meters and/or measuring devices in relationship to point of diversion
- ☐ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☐ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☐ Tax lot boundaries and numbers
- ☐ Source illustrated if surface water
- ☐ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☐ Application and permit number or transfer number
- ☐ North arrow
- ☐ Legend
- ☐ CWRE stamp and signature

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON



CORNELL, HOWLAND, HAYES & MERRYFIELD

1600 S. W. Western Blvd., P.O. Box 428, Corvallis, Oregon 97330, Telephone: 503/752-4271

Cable: CH2M CVO

Corvallis Regional Office

13 January 1975

C7521.2

City of Silverton
City Hall 306 S. Water Street
Silverton, Oregon 97381

Attention: Mr. David Trapp
Director of Public Works

Gentlemen:

Subject: Final Construction Report, Silver Creek Dam

We have summarized the construction work at Silver Creek Dam into a short report. This is done primarily to furnish the State Engineer with a construction record of the project. We have also included recommendations for inspection, operation, and maintenance of the dam. We are also sending separate prints of the "as built" drawings of the project and operation manuals for all mechanical equipment.

If you have any questions concerning any of this material, please call me.

Sincerely,

Vince Rybel
Resident Engineer

ccl

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

FINAL CONSTRUCTION REPORT

Silver Creek Dam

A. INTRODUCTION

Silver Creek Dam is located about 1 mile east of Silverton, Oregon on Silver Creek. The dam is a zoned earth-rock embankment with a sloping clay core and a crushed rock chimney drain. The dam is approximately 75 feet high measured from the lowest point in the core trench, and 500 feet long.

B. ADVERTISEMENT & AWARD

Advertisement for bids was made on 16 March, 1973. A tour of the construction site was conducted for prospective bidders on 29 March, 1973. Sealed bids were opened at City Hall on 16 April, 1973. Eight bids were received and Harry Claterbos Company, Astoria, Oregon, was low bidder with a bid of \$509,585. The engineer's estimate was \$575,000. On 9 May, 1973, the City of Silverton officially accepted the low bid. The City did not exercise any of the deductive alternates provided in the contract documents. A preconstruction conference was held on 22 May, 1973, and the contractor began work at the construction site on 23 May, 1973.

C. CONSTRUCTION

General

Construction activities at the dam site continued from May 1973 to November, 1974. During the first summer, the dam site was cleared and stripped, the core trench work on both abutments and the valley was completed, except in the area where the creek was diverted. The outlet works was completed except for the inlet structure. Work on the spillway began in August, 1973 and continued until May, 1974. Embankment was placed on the left (south) side of the creek. This material came mostly from the spillway excavation. During the summer of 1974, the final section of core trench was completed and the remainder of the embankment was constructed. John Tryon was the job superintendent in 1973 and Pete Waits was the superintendent in 1974. Jay Morell was also on the job frequently in 1974. Vince Rybel was the resident engineer for the project.

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

Clearing Damsite and Reservoir

Clearing and grubbing of the damsite was completed during the first week of June, 1973. Norman L. Stadeli Construction Company of Silverton was subcontracted to clear the left abutment. The reservoir area was cleared in stages and completed in the fall of 1974.

Spillway and Fishladder

Excavation for the spillway began during the second week of June, 1973. Excavation was nearly complete in early July, 1973 when tension cracks appeared in the ground surface on the north side of the spillway cut. A change order was negotiated with the contractor to rotate the spillway 40' south at station 4+44 and construct a buttress to stabilize the spillway cut. Soft, fractured rock zones were encountered in the spillway below station 4+09. A second change order was negotiated to extend the spillway slab to cover the areas of poor rock. The anchor bars were grouted into rock. Difficulty in holding the holes open in the fractured rock caused some bars to be shortened. One pullout test was made in soft weathered rock and one in a shortened hole. Both tests met the specifications. The first concrete was poured in the spillway on September 12, 1973. A. K. Lundmark & Son, Colton was subcontracted to construct the spillway and fishladder. Concrete work on the structure continued through the wet winter months and was completed on May 16, 1974.

Outlet Works

The contractor diverted the creek on 8 June 1973 and began work on the outlet pipe on 11 June, 1973. A. K. Lundmark & Son, Colton, Oregon, was the subcontractor for this work. During the first week of July, the contractor performed some force account work to excavate high spots of rock in the outlet pipe trench to bring the rock surface to a more uniform grade. The rock encountered was generally a hard, fractured, diced basalt. The first sections of outlet encasement were poured on 24 July, 1973. The outlet works was completed during the second week of August with the exception of the intake tower. The intake tower and gate assemblies were virtually complete by early June, 1974. The outlet controls were relocated above the fishladder at the spillway crest, by Change Order No. 3.

Foundation Excavation

The foundation for the dam was stripped of organic debris and loose and soft soils removed to provide a strong foundation for the dam.

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

Core Trench

Excavation for the core trench on the left side of the creek began during the second week of July, 1973. Zones of soft, weathered basalt was removed from the bottom of the core trench until a more hard, resistant rock was encountered. The final rock surface was cleaned with wash water and compressed air and covered with a 2-inch layer of sand cement grout. On the south side of the creek, the grout was applied with pneumatic gunite equipment supplied by L. P. Company, Salem. Elsewhere, the grout was applied to the rock surface with corn brooms. Water entered the core trench from the river gravels which overlies the bedrock. It was necessary for the contractor to maintain pumps in the core trench until it was backfilled.

The core trench surface north of the creek was cleaned and treated during the second week of September 1973.

The final section of core trench in the diverted creek bed itself, was cleaned and grouted during the summer of 1974, after the streamflow was diverted through the outlet pipe.

The depth of the core trench generally conforms with the depths shown on the plans. An exception would be the area between station 1+00 and 3+00. Here the depth was increased by 5 to 10 feet because of the soft rock encountered.

Embankment

The embankment construction was started in June 1973 with material from the spillway excavation being placed in the downstream shell and backfilling of the core trench. Only minor amounts of embankment were placed during the summer of 1973 when the major emphasis was on the construction of the outlet and spillway and core trench excavation. The main embankment construction began in August 1974.

Generally three borrow areas were used as a source of earthfill on the project. Approximately 37,000 cubic yards of spillway excavation was placed in the shell of the dam. This material consisted of basalt fragments mixed with varying amounts of silt and clay. During the summer of 1973 this material was compacted with a 25-ton rubber tired roller pulled by a D-8 cat. During the summer of 1974 a Cat-814 self propelled tamping foot roller was used. This machine compacted the remainder of the spillway excavation and also the Zone I and remaining core material.

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

Zone I consisted of the silty sandy river gravels from the flood plains above the dam. In some areas this material contained 1 to 3-foot diameter boulders. The smaller boulders were placed in the extreme upstream or downstream areas of the embankment. Larger boulders were removed from the fill and used as riprap in the stilling basin. The variations in the gradation of the Zone I and II material were large enough to probably produce lenses or zones in the embankment with substantially different permeabilities. Since some areas of the shell embankment would have a semi impervious nature, a 4-inch plastic drain pipe was placed in the downstream shell at elevation 385, to provide an additional outlet for the chimney drain.

To construct the core and blanket, the reddish brown clayey silt from the hillside terrace south and upstream of the dam was used. Generally the natural moisture content of this material was at or slightly above optimum moisture content. Dryer material was conditioned by sprinkling on the fill. A summary of density tests is included in Table I.

During the 1973 season, filter material was supplied by Silverton Sand & Gravel and placed with a rubber tired end loader. The filter was compacted by rolling each lift with a 14 cubic yard scraper or Cat 966 end loader. During the 1974 season the filter was supplied by Walling Sand & Gravel. The embankment was completed during the second week of October, 1974.

D. POST CONSTRUCTION DEVELOPMENTS

On November 7, 1974 a final inspection of the project was made. At this time, reservoir level was 401.5. On the following day the 4-inch plastic drain began to flow and a wet spot appeared on the face of the dam adjacent to the right abutment below elevation 400. At this time reservoir level was at 411.5. In subsequent days, the wet areas on the downstream face seemed to broaden and it was decided to drain these wet areas with surface drains. A City crew installed 3 surface drains and one toe drain during the second week of November.

Continued analysis and observations of the piezometers during this period led to the conclusion that water was entering the previous right abutment upstream of the blanket and being funneled away from the spillway

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

drainage system by a nearly vertical seam of silty material observed in the entrance channel. This seepage was thought to be entering the filter drain and distributing itself throughout the length of the dam. The seepage water then enters the more pervious layers of fill in the downstream shell and emerges on the downstream face in the form of seeps and wet spots.

Access to the blanket area was not available due to a rising reservoir level. Therefore, remedial work was centered around collecting and disposing of the seepage at the downstream face of the dam.

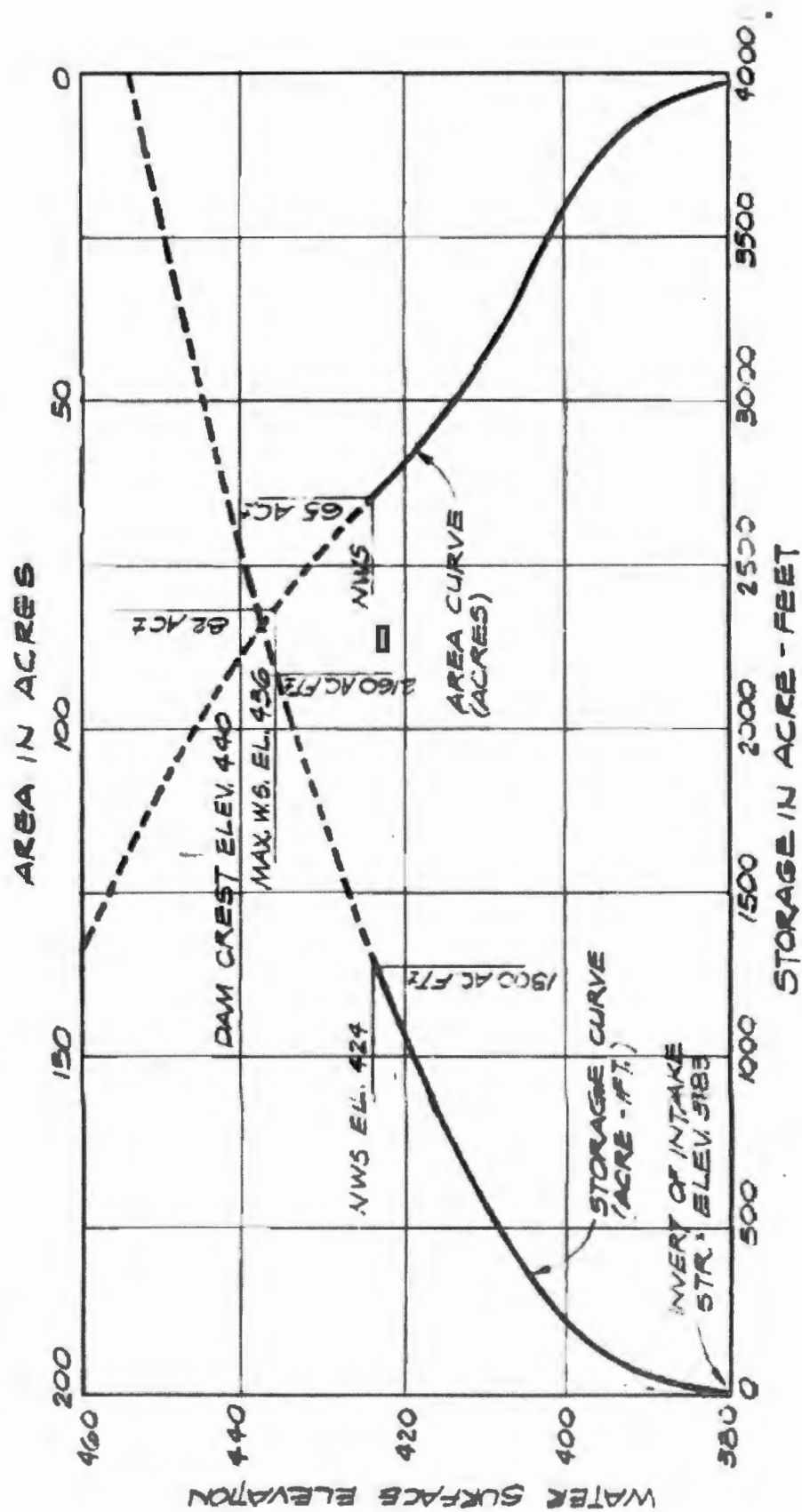
mon day
To achieve this goal, the construction of horizontal drains and a drainage berm was recommended to the City Council. This work was begun on November 21 and completed on November 29, 1974. Bob Qualey, owner of Silverton Sand & Gravel, constructed the drainage berm and access road. The 11 horizontal drains were installed by Soil Sampling Service from Puyallup, Washington. Because the reservoir level was rising rapidly, it was necessary to haul rock 24 hours a day on 21, 22 and 26 November, 1974. The spillway first crested on the morning of November 25, but dropped below crest level 2 days later. The spillway crested a second time on December 7 and will probably continue to flow until the Spring of 1975.

From the time the first wet spot appeared, piezometric levels, drain flows, reservoir elevations and other visual observations have been recorded. At this time, not enough data has been collected to indicate whether the seepage conditions have stabilized. Preliminary indications are that the horizontal drains were successful in stabilizing the piezometric surface in the right abutment 7 to 8 feet below the reservoir level. The seepage which is measurable is approximately 400 gallons per minute.

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON



STORAGE - AREA CURVES

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON

File # K-50184

RECEIVED

JAN 13 2003

WATER RESOURCES DEPT.
SALEM, OREGON



306 S Water Street
Silverton OR 97381

503-873-5321
Fax 503-873-3210

January 9, 2003

Lisa J. Juul, Water Rights Specialist
Water Resources Department
158 12th Street NE
Salem OR 97301-4172

**RE: City of Silverton
Permit No. R5948 (Application File No. R50184)
Permit Development Complete**

Dear Ms. Juul:

With this correspondence I am enclosing the response to the Municipal Use Permit Development Questionnaire. The Permit No. (and Application File No.) referenced in the Questionnaire pertains specifically to the storage of water in the Silverton Reservoir, and not water use. (Water use at the Silverton Reservoir is regulated under Permit No. S36714 (Application No. S50185) and has a priority date of March 20, 1973.) As the City has routinely stored water in the Silverton Reservoir for several years, a WRD final proof survey would provide the information necessary to demonstrate compliance with administrative rules.

Please feel free to contact me at your convenience if you have any questions, need additional information, or desire to coordinate a time to complete a final proof survey at the Silverton Reservoir. I can be reached at 503-873-5439, or by e-mail at:

ssterner@silverton.or.us.

Thank you for your attention to this matter.

Sincerely,

Steven E. Starnes
Water Quality Division Supervisor
Public Works Department

C: Rich Barstad, PE
Public Works Director

RECEIVED

JAN 13 2003

WATER RESOURCES DEPT.
SALEM, OREGON

Oregon Water Resources Department
Quasi-Municipal/Municipal Water Use Permit Development Questionnaire

Permit Holder: CITY OF SILVERTON

Permit #R5948

Application File #R50184

Please indicate which of the following applies to the above referenced Quasi-Municipal or Municipal water use permit by checking the appropriate box:

1. The Permit is Ready for Final Proof and...

- ☐ a Claim of Beneficial Use and Final Proof Survey map will be prepared and submitted by a Certified Water Rights Examiner;

- OR -



the Water Resources Department (WRD) has been notified that development of the permit is complete, and the permit holder is waiting for WRD to conduct the final proof survey.

2. Development of the Permit is Not Complete and...

- ☐ the permit holder will submit a permit extension of time application to **WRD** no later than **90 days from the date of this letter (April 6, 2003)**.

3. The Permit is Not Needed and Wish to Authorize Cancellation...

- ☐ the permit holder has determined that this permit is no longer needed and/or has chosen not to pursue development of the permit, and wishes to authorize its cancellation.

Signature of Authorized Personnel

1/9/03
Date

Please return completed form by April 6, 2003 to:
Water Resources Department
Attention: Lisa Juul
158 - 12th Street NE
Salem OR 97301-4172



306 South Water Street
Silverton, Oregon 97381

Address Correction Requested

*Oregon's Garden
City-The City Of
The Falls*



Oregon Water Resources Dept.
158 12th Street NE
Salem OR 97301-4172

Attn: Lisa Juul

97301+4172





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
www.wrd.state.or.us

January 6, 2003

CITY OF SILVERTON
306 SOUTH WATER ST
SILVERTON OR 97381

REFERENCE: Permit #R5948 (App File #R50184) and the Adoption of New Administrative Rules for Municipal and Quasi-Municipal Water Use Permit Extensions

Dear Municipal and/or Quasi-Municipal Water Use Permit Holder:

The Water Resources Commission has adopted new administrative rules that govern the processing of Municipal and Quasi-Municipal permit extension requests. The new rules are contained in the Oregon Administrative Rules Chapter 690, Division 315 (OAR 690-315-0070 through 690-315-0100). If you wish to view a copy of the new Chapter 690, Division 315 Extension Rules, you may access the document from the Department's web page at:

http://www.wrd.state.or.us/cgi-bin/notices.pl?new_oars

The new rules implement many changes to the extension process for municipal and quasi-municipal permit holders. One of the most significant changes is that an extension is linked to the requirement to develop a Water Management and Conservation Plan under OAR Chapter 690, Division 86.

In preparation for implementing the new extension rules, the Department has reviewed its records and determined that the authorized date for completion of development for your water use permit has passed and that neither a permit extension of time application, nor a claim of beneficial use and final proof survey map, have been received.

As a result of this review, your water use permit falls into one of the three following categories:

1. Development is Not Complete

If development of your water use permit is not finished, you must submit an application for extension of time to complete construction of the water system and/or complete beneficial use of water to the full extent of the permit. You may access the "Application for Extension of Time for Quasi-Municipal and Municipal Water Use Permits" on the Department's website at:

<http://www.wrd.state.or.us/publication/forms/index.shtml>



January 6, 2003
page two

2. Development is Complete and Final Proof Must be Submitted

If your water use permit was issued *after* July 9, 1987, and development of the permit is complete, you are required by law (ORS 537.230 and/or 537.630) to hire a certified water rights examiner to prepare and submit a claim of beneficial use and final proof survey map.

3. Development is Complete and Waiting for WRD to Conduct Final Proof Survey

If you applied for or received a permit *on or before July 9, 1987*, and development of the permit is complete, you must notify the Department that the work has been completed and choose to either: (a) hire a water right examiner certified under ORS 537.798 to conduct a survey, the original to be submitted as required by the Water Resources Department, for issuance of a water right certificate; *or* (b) continue to appropriate water under the water right permit until the Water Resources Department conducts a survey and the commission issues a water right certificate under ORS 537.250 or 537.625.

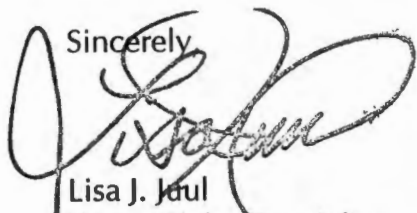
4. Permit is Not Needed and Wish to Authorize Cancellation

If you have determined that this permit is no longer needed and/or you have chosen not to pursue development of the permit, you may choose to authorize its cancellation. If you are interested in this option, please contact Jerry Sauter of our Department at extension 274 for the appropriate cancellation form.

Once you have determined which development category applies to your water use permit, please complete the enclosed "Quasi-Municipal/Municipal Water Use Permit Development Questionnaire" form and return it to my attention at the Water Resources Department by April 6, 2003.

If you would like the new rules or extension application forms sent to you by mail, or if have any questions, please feel free to contact me by telephone at 503-378-8455, extension 272.

Sincerely



Lisa J. Jaul
Water Rights Specialist
Water Rights Section

enclosure

cc: App File #R50184 (Permit #R5948)

Oregon Water Resources Department
Quasi-Municipal/Municipal Water Use Permit Development Questionnaire

Permit Holder: CITY OF SILVERTON

Permit #R5948

Application File #R50184

Please indicate which of the following applies to the above referenced Quasi-Municipal or Municipal water use permit by checking the appropriate box:

1. The Permit is Ready for Final Proof and...

- ☐ a Claim of Beneficial Use and Final Proof Survey map will be prepared and submitted by a Certified Water Rights Examiner;

- OR -

- ☐ the Water Resources Department (WRD) has been notified that development of the permit is complete, and the permit holder is waiting for WRD to conduct the final proof survey.

2. Development of the Permit is Not Complete and...

- ☐ the permit holder will submit a permit extension of time application to WRD **no later than 90 days from the date of this letter (April 6, 2003).**

3. The Permit is Not Needed and Wish to Authorize Cancellation...

- ☐ the permit holder has determined that this permit is no longer needed and/or has chosen not to pursue development of the permit, and wishes to authorize its cancellation.

Signature of Authorized Personnel

Date

Please return completed form by April 6, 2003 to:
Water Resources Department
Attention: Lisa Juul
158 - 12th Street NE
Salem OR 97301-4172

April 19, 1996

Richard J. Barstad, P.E.
Public Works Director/City Engineer
306 S. Water Street
Silverton, OR 97381

Re: Silverton Waste Water Management
Oregon gardens Project

Dear Mr. Barstad:

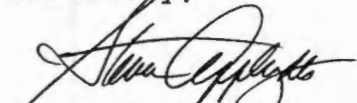
This is to respond to your letter of March 1, 1996, and to confirm our discussions of February 16, 1996.

You have described that the water to be used at the Oregon Gardens will be supplied by the City by capturing treated wastewater prior to its discharge into Silver Creek. Such water will then be transported to the gardens. The gardens will be located within the city boundaries.

We agree that such use will be within the scope of "municipal" use as allowed under the City's existing rights, and that no additional water rights or registrations are necessary.

I trust this provides the information you needed. If further questions occur to you, please contact Tom Paul (Ext.281) or me (Ext.265) at 378-8455.

Sincerely,



Steve Applegate
Acting Administrator
Water Rights & Adjudications Division

cc: Tom Paul
Gail Achterman-Stoel Rives



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

**RECEIVED**

MAR - 4 1996

WATER RESOURCES DEPT.
SALEM, OREGON

March 1, 1996

Steven P. Applegate
Water Resources Department
158 12th Street NE
Salem, OR 97310

RE: Silverton Wastewater Management Facilities Water Rights

Dear Mr. Applegate:

We appreciate the time you and Mr. Paul took to meet with us on February 16 to discuss water right issues associated with the Silverton Wastewater Management Facilities.

As we outlined in that meeting, the City of Silverton, under a Stipulation and Final Order from Oregon Department of Environmental Quality, has undertaken improvements to their wastewater treatment plant to meet water quality requirements in Silver Creek. During the summer season, May 1 - October 31, the wastewater treatment plant will not be permitted to discharge to Silver Creek. The City has taken this opportunity to combine this project with other City needs in an overall wastewater management plan.

During the summer season, the treatment plant effluent will be discharged to mitigation wetlands currently under design to satisfy mitigation requirements for wetlands that were filled with the recent construction of an industrial park on the north side of town and to provide a mitigation bank for future development within the City. The initial acreage of these wetlands is estimated to be 9.7 acres.

The NPDES permit for the treatment plant will be written at the point of discharge from the treatment plant to the wetlands. It is at this point that the wastewater quality will be monitored for permit compliance. Beyond this point, the water is considered to be "waters of the State" by DEQ. For this reason, use of the water beyond this point is not subject to the DEQ Reuse Rules, OAR 340.55.

After flowing through the wetlands, the wastewater will be recaptured and pumped to the Oregon Gardens for use in the creation of wetlands that will be incorporated into the Garden design, irrigation and water features. The Oregon Gardens is a non-profit operation whose purposes are display and education. The City has agreed to provide water to the Gardens for their use. The Garden is located within the City limits. Figure 1 illustrates the overall wastewater management plan.

City Manager	Finance Department	Police Department	Public Works	Water/Wastewater Facilities	Maintenance Shop
306 S. Water St. Silverton, OR 97381 (503) 873-6117 Fax (503) 873-3210	306 S. Water St. Silverton, OR 97381 (503) 873-5321 Fax (503) 873-3210	306 S. Water St. Silverton, OR 97381 (503) 873-5326 Fax (503) 873-7452	306 S. Water St. Silverton, OR 97381 (503) 873-8679 Fax (503) 873-3210	1453 Pine St. Silverton, OR 97381 (503) 873-5439	830 McClelline St. Silverton, OR 97381 (503) 873-6359

MAR - 4 1996

WATER RESOURCES DEPT.
SALEM, OREGON

Page 2

Average treatment plant effluent flows will range from 0.62 to 1.09 million gallons per day (mgd) and will be metered at the treatment plant discharge point. Preliminary estimates for recaptured flow from the wetlands are 0.45-0.82 mgd. Flow will be metered as it is recaptured from the wetlands and pumped to the Gardens.

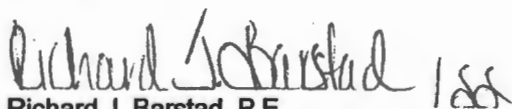
This wastewater management plan will commence when the improvements to the treatment plant are completed and the wastewater treatment plant is operational. The scheduled completion date of the wastewater treatment plant is 1998.

The City holds municipal water rights from Abiqua Creek (Permit 3226) and Silver Creek (Permits 36714, R-5948 and Certificate 2400) for use in the City's water supply system. The water delivered to the treatment plant is water appropriated under these permits and certificates. The Oregon Gardens water use will be for purposes that are usual and ordinary for a municipal system since the water will be used to irrigate a garden in a park-like setting. The Oregon Gardens are expected to become a major tourist facility and research center. By serving them with nonpotable water, the City will be able to facilitate economic development while conserving treated drinking water supplies. Water used by the City system will still be well within the rate and use allowed under the City's permits and certificate.

Because use of the water at the Oregon Gardens will simply be additional municipal water use under OAR 690-300-010(29), and under the provisions of ORS 540.510(3), the City understands that no new water right is required from the Water Resources Department to implement this project. We would appreciate it, however, if you or the Director could confirm our understanding by sending a written letter to that effect to me on behalf of the Water Resources Department.

Thank you again for your consideration.

Sincerely,



Richard J. Barstad, P.E.
Public Works Director/City Engineer

cc: Gail L. Achterman - Stoel Rives
Bruce R Willey- HDR Engineering
Tom Kuper - David Newton Associates

(wrdapple.ltr)

The diagram illustrates the wastewater management plan for Silverton. It shows the flow from the Oregon Gardens Site, through a Mechanical Treatment Plant, and into various wetlands and discharge points. Key components include:

- OREGON GARDENS SITE**: The source of wastewater, shown as a dashed rectangular area containing **MITIGATION WETLANDS** and **IRRIGATION** areas.
- MECHANICAL TREATMENT PLANT**: A central facility for treating wastewater.
- WATER DISCHARGE**: A point where treated water is released into **SILVER CREEK**.
- MITIGATION WETLANDS**: Two distinct wetland areas, one near the Oregon Gardens Site and another larger one near the Mechanical Treatment Plant.
- SHALLOW DRAINAGE PUMPS**: Three pumps located near the larger wetland area, used for managing water levels.
- SUBSURFACE DISCHARGE & MIGRATION TO SILVER CREEK**: A process where water is discharged into the ground and migrates towards Silver Creek.
- SILVER CREEK**: The final destination for the treated wastewater.
- Flow Measurement**: Indicated by a box with an 'M' symbol, showing points where flow is monitored.

HDR
Hydrologic Design Resources, Inc.

SILVERTON WASTEWATER MANAGEMENT PLAN

WATER

HDR
HDR Engineering, Inc.

SILVERTON WASTEWATER MANAGEMENT PLAN

Figure

WATER RESOURCES DEPT
SALEM, OREGON

MAR - 4 1996

3000

DAM NAME: SILVER CK. Res
 APPL. NO.: R-50184 & S
 DAM FILE: _____
 MAP FILE: _____

CHECKED BY: AMP
 DATE: 3/22/73
 REVIEWED: _____

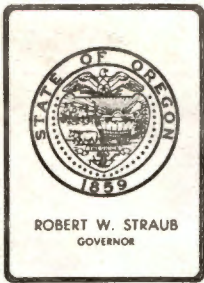
CONCURRENCE OF APPLICATION AND PLANS

ITEM	APPLICATION	PLANS	CORRECTIONS MADE		REMARKS
			APPL.	PLANS	
Location	12, 75, 1W 7, 18, 75, 1E	12 75 1W 7, 18 15 1E			OK
Max Dam Height	65	65			OK
Top Length	500±	500±			"
Bottom Length	300±	300±			"
Crest Width	20	$2 \times 65 + 4 = 20$ 20			"
Front and Rear Slopes	3:1 2:1	3:1 2:1			"
Height of Dam above W. S. when full	16	16			"
Wasteway	Chute @ RT. $b=120$ $d=16$	Chute @ RT $b=120$ $d=16$			"
Surface Area	70	65	*		
Capacity	1300	1300			OK
Conduit	42" R/C	42" R.C. / C.M.P.			OK
Max Depth	50	50			OK
Mean Depth	20	20±			OK

REMARKS

4-days to empty,
 Spill Q, 15,000 cfs.
 $Q_{max} - 20,000 \text{ cfs}$
 $Q_{1\%} - 8000 \text{ cfs}$

*- Please bring to me when
 Correction made.



Water Resources Department

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8508

File R-50184
50185

April 21, 1978

City of Silverton
306 South Water St.
Silverton, OR 97381

ATTENTION: Doug Robinson, City Manager

Dear Mr. Robinson,

We have presently brought the condition of your two permits R-6948 and 36714 back to having a status which is workable. We however, most likely need an extension of time under permit 36714, which was for the use of 1300 acre feet of stored water from Silver Creek Reservoir for municipal use.

The letter from David L. Trap, of March 3, 1978 regarded the reservoir was designed to give adequate water for the City to the year of 2000. This was the reason that I expect that you need an extension, since you have not undoubtedly built all the houses you anticipate to ~~build~~ ^{connect} within the alinement of the permit.

I am enclosing a form for use in making application for an extension of time limits under permit number 36714.

The Water Resources Director is permitted by law to extend the time for completion of a project only upon a showing of reasonable diligence by the permittee. Therefore, you should fill out this application carefully and completely describing what has been accomplished.

The application must be executed before a notary public and submitted to this office with the statutory filing fee in the amount of \$10.00 for each permit.

Sincerely,

Bruce A. Estes, Supervisor
Survey-Certificate Section

BAE:jt

COPYING

ASSIGNMENT

☒ EXTENSION OF TIME

CERTIFICATE RECORDING
FEE

NO MONEY

OTHER

OUADRANGLE

PROTEST

SPRING DESCRIPTION

CONTRACTORS' EXAM-_____

LICENSE _____

OPERATORS' EXAM _____

LICENSE _____

David Trap, City Engr
called Feb 24, 78 and
stated reservoir was
constructed and in use.

He will send letter
with start, completion,
and use dates.

Dune

Doug Robinson is current
City Manager

City of Silverton

Trap is quitting in 30 days



CITY OF SILVERTON

306 SOUTH WATER STREET

SILVERTON, OREGON 97381

(503) 873-5321

March 3, 1978

Bruce A. Estes, Supervisor
Certificate-Survey Section
Water Resource Department
Mill Creek Office Park
555 13th Street N.E.
Salem, Oregon 97310

RECEIVED
MAR 6 1978
WATER RESOURCES DEPT.
SALEM, OREGON

RE: Silver Creek Dam

File No. R-5084,50185
Permit No. R-5948,36714

Gentlemen:

Construction of the Silver Creek dam began in April 1973 and was completed in November 1973.

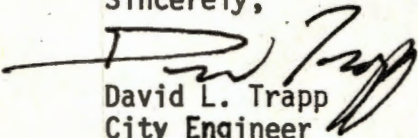
Impoundment of water was started in October 1973, and was full in November 1973.

The City of Silverton started using the water in June 1974 from the reservoir. The reservoir was designed to give the City adequate water to the year 2000.

The water permit should be extended to allow for future appropriation.

I sincerely regret that the application was not filed on time.

Sincerely,


David L. Trapp
City Engineer

DLT:os

Abstract of Permit No. R-5948

Application No. R-50184

Certificate No.

Name

City of Silverton
306 South Water Street

Address

Silverton, Oregon 97381

Source of water supply

Silver Creek, trib. of Pudding River

Use

Storage in Silver Creek Reservoir to be appropriated under
Appl. No. 50183, Permit No. 36714, for municipal use

Point of diversion

DAM LOCATED: NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 12, T.7 S., R.1 W., W.M., in
the county of Marion

Number of acres

DESCRIPTION OF LAND TO BE IRRIGATED OR PLACE OF USE

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
7S	1W	12	X															

Priority date

March 20, 1973

Amount of water

1300.0 a.f.

Time limit to begin construction

May 18, 1974

Time limit to complete construction

10-1-78

extended to

extended to

Time limit to completely apply water

extended to

extended to

Remarks:

April 2, 1973

R-50184
50185

City of Silverton
306 South Water Street
Silverton, OR 97381

ATTENTION: JACK BROWN, CITY MANAGER

Gentlemen:

This will acknowledge the City's application for a permit to construct a reservoir and to store therein 1,300 acre feet of water from Silver Creek for municipal supply. Fees of \$30.00 were also received for which our receipt No. 32956 is enclosed. The reservoir application has been filed and numbered R-50184.

This will also acknowledge the City's secondary application for a permit to appropriate 1,300 acre feet of stored water only per year at a rate up to 14 cubic foot per second from Silver Creek Reservoir for municipal supply. Also acknowledged is the print showing the vicinity map and reservoir plan along with the print showing the service area. The fees in the amount of \$51.00 were also received for which our receipt No. 32957 is enclosed. The secondary application has been filed and numbered 50185.

This will also acknowledge the reproducible set and prints of the plans along with two sets of specifications to support the reservoir application.

As mentioned in our telephone conversation of March 30, the information supplied in item No. 8 of your secondary application is not in agreement with the area to be supplied water as shown on the print showing the service area. According to the print, parts of Sections 23 and 33 of Township 6 South, Range 1 West, and parts of Section 1 of Township 7 South, Range 1 West may be included in the service area. It is also necessary to complete item No. 8 on the application by listing each fractional parts of the sections within the service area. For example: the service area within Section 2 as shown on your print is within the NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, and SE $\frac{1}{4}$ SE $\frac{1}{4}$.

City of Silverton

Page 2

April 2, 1973

The map to be submitted showing your service area must be prepared on a good quality tracing paper or if you wish, you may submit a sepia print. Such map must show the service area with respect to the government survey lines, such as section lines and quarter lines. The map to support your applications, along with showing the service area should also show the location of the point of diversion (dam) by distances from a reference to agree with the information given in item No. 4 of the secondary application.

According to the plans the proposed reservoir will have a surface area of 65 acres instead of the 70 acres entered in item No. 10 of the reservoir application. If the plans correctly represents the surface area, I can amend the reservoir application upon receipt of your written authorization.

I am returning your secondary application No. 50185 and the print of the service area map for correction and completion. Your application is endorsed so that in order to retain its priority date, it must be received in this office on or before June 4, 1973.

Very truly yours,

WAYNE J. OVERCASH
Assistant

WJO:mjf
Enclosures

cc: CH2M-Hill

- **SENDER:** Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).

- ☒ Show to whom and date delivered. \$
☐ Show to whom, date, and address of delivery. \$
☐ **RESTRICTED DELIVERY**
 Show to whom and date delivered. \$
☐ **RESTRICTED DELIVERY.**
 Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. **ARTICLE ADDRESSED TO:**

City of Silverton
 306 South Water St.
 Silverton, OR 97381

3. **ARTICLE DESCRIPTION:**

REGISTERED NO.

CERTIFIED NO.

INSURED NO.

56579

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE

☐ Addressee

☐ Authorized agent

4.

DATE OF DELIVERY

POSTMARK

5. **ADDRESS** (Complete only if requested)

FEB 24 1978

6. **UNABLE TO DELIVER BECAUSE:**

CLERK'S
INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

R 50184 + 50185 27

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, and 3 on the reverse.
- Moisten gummed ends and attach to front of article if space permits. Otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, \$300



RECEIVED

FEB 27 1978

RETURN
TO
WATER RESOURCES DEPT.
SALEM, OREGON



WATER RESOURCES DEPT.
MILL CREEK OFFICE PARK
555 13th ST. N.E.
SALEM, OREGON 97310

(Name of Sender)

(Street or P.O. Box)

(City, State, and ZIP Code)

PHONE 378-8508

FEB 23 1978

File No. R-50184, 50185

City of Silverton
306 South Water Street
Silverton, Oregon 97381

Gentlemen:

According to the terms of your permit number s R-5948 and 36714, which are for the use of Silver Creek Reservoir and storage of 1300.0 acre feet from Silver creek to be used for municipal use,

complete application of water was to have been made by October 1, 1976.

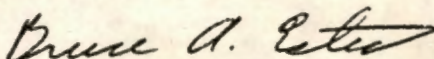
Complete application of water means the application of water to a beneficial use under the permit to the full extent intended. In the case of irrigation, it means beneficial irrigation of all the lands the permittee intends to cover under the terms of the permit. If water has been used, you should promptly submit notice describing the extent of completion as set forth in the letter accompanying your permit and also in our postal card of November 20, 1976.

ORS 537.260 provides that: "Whenever the time within which any appropriation under a permit should have been perfected has expired and the owner of the permit fails or refuses within three months thereafter to submit to the Water Resources Director proof of completion of the appropriation as required by ORS 537.230 and 537.250, the Water Resources Director may, after 60 days' notice by registered mail, order the cancellation of the permit..."

In accordance with the provisions of ORS 537.260, you are hereby notified that unless proof of beneficial use is received within 60 days from the date of this letter, the permit(s) may be canceled without further notice.

If, for any reason, you are no longer interested in the project described by the permit, we would appreciate it if you would so advise. If the property involved has changed hands and any part of the project has been completed, you should immediately assign the permit to the new owner and advise us of his name and address. An assignment form will be furnished upon request.

Sincerely,
James E. Sexson, Director

By 
Bruce A. Estes, Supervisor
Certificate-Survey Section

June 29, 1973

City of Silverton
306 South Water Street
Silverton, OR 97381

R-50184
50185

and 36714 with map.

R-50184 and 50185, permit No. R-5948

May 18, 1973

Cornell, Howland, Hayes & Merryfield
Consulting Engineers
P. O. Box 411
1600 West Avenue
Corvallis, Oregon 97330

Attention: Roger Lindquist

Dear Mr. Lindquist:

This is to advise you that the plans and specifications for the Silver Creek Dam have been approved and State Engineer's Permits issued. Since this project is over the statutory limits, it will be necessary that the construction be supervised by a registered, professional engineer or his direct representative. Since you were the design engineer, we will assume you will be the engineer responsible to supervise the construction to insure that the project is built in accordance with the approved plans and specifications. If this assumption is erroneous, please advise immediately.

Please keep this office advised as to the status of construction, particularly when the cut-off trench is excavated in order that we might schedule an inspection at that time.

Very truly yours,

A.M. PETSKA
Engineer

AMP:gb
cc: Watermaster
City of Silverton

August 22, 1973

Mrs. Ida E. Pfeifer
Route 1
Beavercreek, Oregon 97004

Dear Mrs. Pfeifer:

In response to your request, the approval in writing is given on the face of the plans and specifications by endorsement thereon. The only way I could furnish you a copy would be to make a copy of the approved plans and specifications. The statutory fee for preparation of such copy is \$67.80.

Upon receipt of the statutory fee, I will have the copy prepared and sent to you.

Very truly yours,

CHRIS L. WHEELER
State Engineer

CLW:eh

August 10, 1973

Mrs. Ida E. Pfeifer
Route 1
Beavercreek, Oregon 97004

Dear Mrs. Pfeifer:

In response to your letter, it is true that the State Engineer must approve in writing the design of dams and of the sites under this statute. Under the provisions of this statute, I approved in writing the design for the construction of Silver Creek Reservoir prepared by the engineering firm of CH2M for the City of Silverton. The design engineer is responsible for continuous supervision, but my engineers have made spot-checks to insure compliance.

The rock berm stabilizing the road cut and trailer parking area and the adjustment of the spillway location are minor adjustments to reflect the actual conditions encountered in construction. They have been approved and will be incorporated in the "as constructed" documents. There is no indication of lack of safety developed by these changes.

Very truly yours,

CHRIS L. WHEELER
State Engineer

CLW:eh
bc: Kess Cannon

Chris L. Wheeler
State Engineer
1178 Chemeketa St. N.E.
Salem, Oregon

August 15, 1973

RECEIVED

AUG 17 1973
STATE ENGINEER
SALEM, OREGON

Dear Mr. Wheeler:

Thank you for answering my letter in which you assured me that you have complied with the law and approved Silver Creek Dam specifications in writing.

Please send me a copy of your approval done in writing.

Thank you,

Mrs. Ida E. Pfeifer
Rt 1

Beavercreek, Oregon 97004

RECEIVED

AUG 7 1973
STATE ENGINEER
SALEM OREGON

W. H. C. K. W. O. P. N. I. O. P.
to four o v n w
o 20 20 20 20
m - 2 - 2 - 2
2 - 2 - 2 - 2 - 2
for the 2 1 1 1 1
2 2 2 2 2 2
2 2 2 2 2 2

City of Silverton, R-50184 * 50185

Estimate of cost for reproduction of approved
plans & specs. %

Plans - 13 sheets appx. 3'x2' @ \$0.19/sq.ft. = \$7.80

Specs (Contract documents)
- 229 pages @ \$1.00 for first & \$0.25
for each remaining = \$58.00

Total = \$65.80

Aug 21, 1973
[Signature]

Mailings 2 -
67.80

Q?

August 1, 1973

Chris Wheeler
State Engineer
1178 Chemeketa St. N.E.
Salem, Oregon

RECEIVED
AUG 2 1973
ST. TE ENGINEER
SALEM OREGON

Dear Mr. Wheeler: Re: Silver Creek dam.

Is it not true that you must give approval, in writing, of dam sites?

Have you given approval, in writing, of the rock buttress put in to stabilize the recent "slope slip-out"?

Further, have you approved, in writing, the 40 foot moving of the spillway from the original site?

Sincerely,

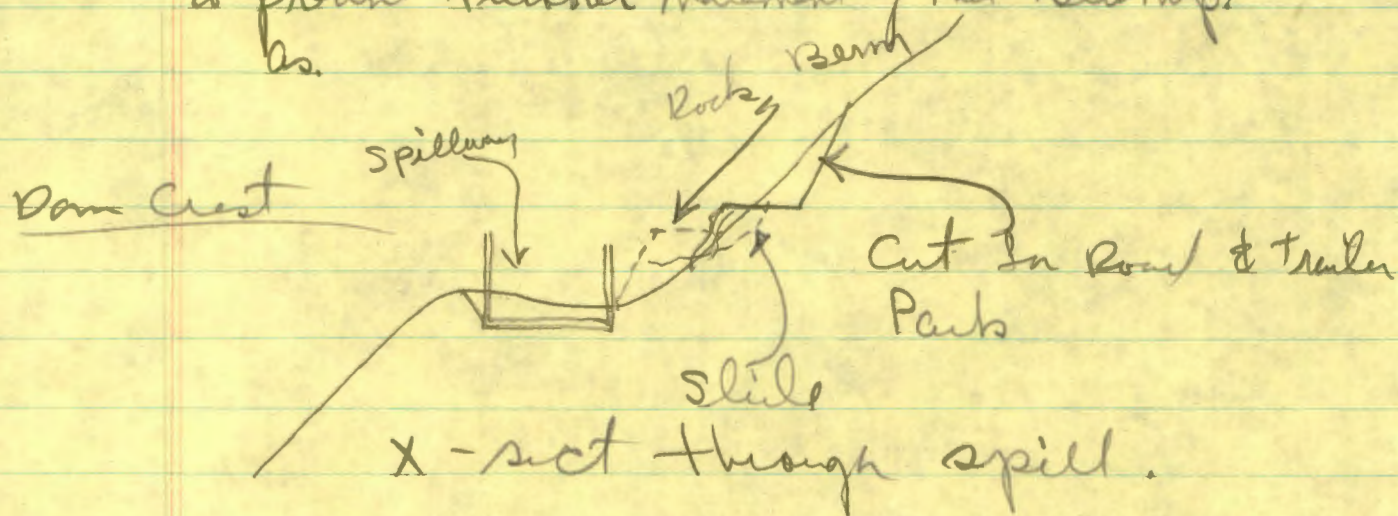
Ida E. Pfeifer
Beavercreek, Oregon
97004

Aug 7, 73

Chris:

The spillway is to be moved 40' & its alignment changed. This does not affect the Hydraulic Capacity. The reason for the move is a Road was built just above the spill, & ^{minor} slope failure occurred in the cut.

The Butress she is talking about is a Rock Berm constructed on the slope side to prevent further movement of this slump.



This is a minor change & usual procedures were followed.

al

Res Comp

3/20/73

Application No.

Permit No.

R-50184

R 5948

Name City of Silverton

Address 306 South Water Street, Silverton, OR 97381

Assigned

Address

Beginning construction May 18, 1974

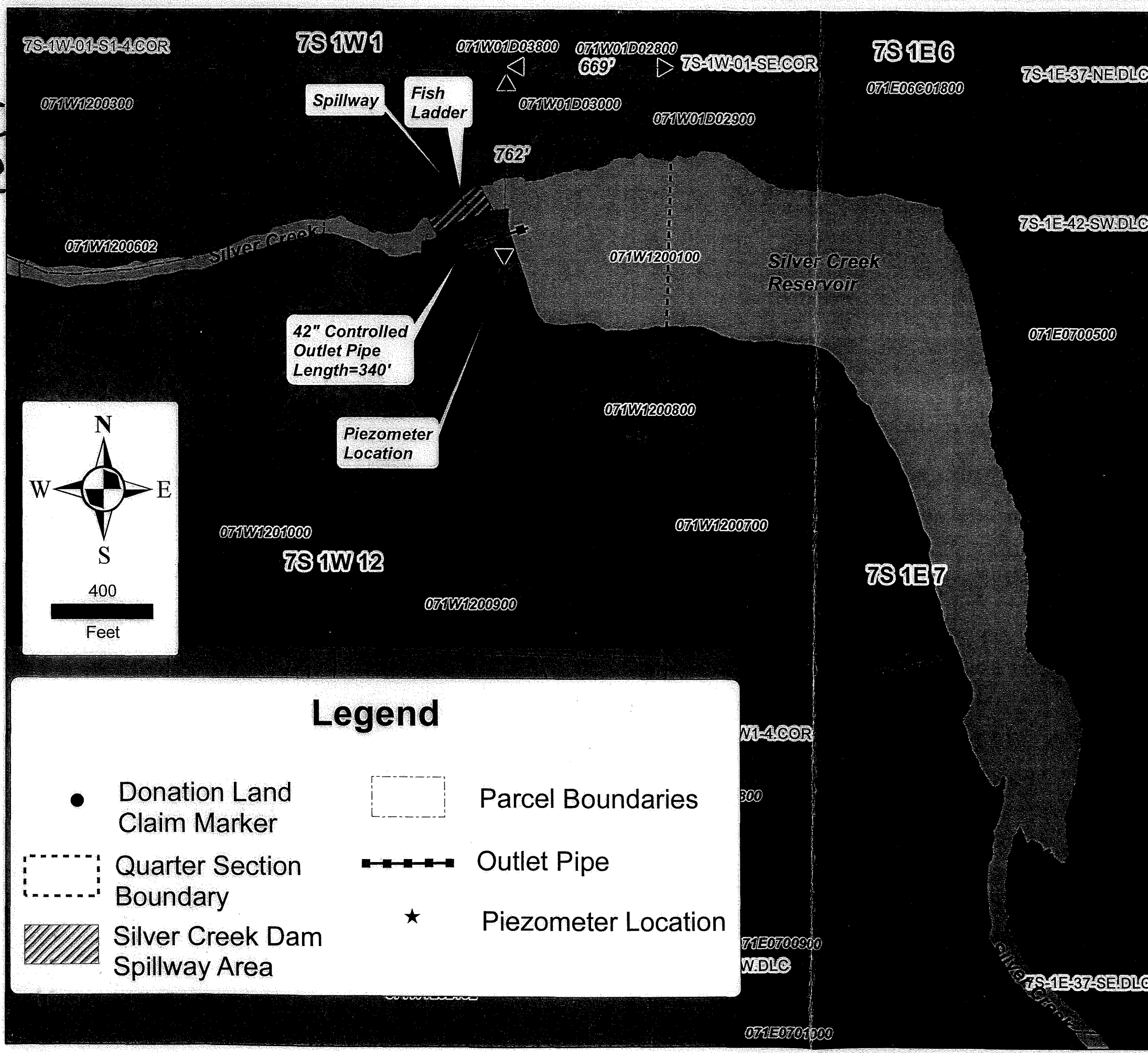
Completion of construction October 1, 1975

Extended to

Complete application of water

Extended to

1014



Map to Accompany Claim of Beneficial Use (COBU) for App. R-50184 and Permit R-5948, Section 12, T7S, R1W; and Sections 7 and 18, T7S, R1E, WM, Marion County, Oregon.

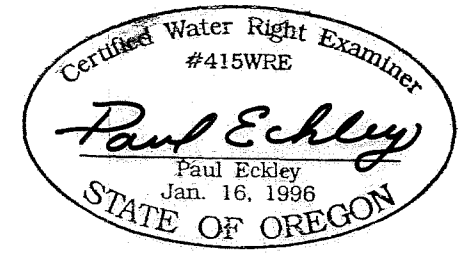
NOTES:

- 1) This map is not intended to provide legal descriptions or locations of property ownership lines.
- 2) Map was prepared for the City of Silverton Public Works Department, 306 S. Water Street, Silverton, OR 97381.
- 3) Map prepared by :
Paul Eckley, CWRE#415WRE
306 S. Water Street
Silverton, OR 97381.
- 4) No Government Lots for POU from Marion County GIS.

Cobu MAP # 1014

Legend

●	Donation Land Claim Marker	□	Parcel Boundaries
□	Quarter Section Boundary	—+—+—+—	Outlet Pipe
▨	Silver Creek Dam Spillway Area	★	Piezometer Location



EXPIRES: 12-31-2017

CITY OF SILVERTON
PUBLIC WORKS
DEPARTMENT
306 S. WATER STREET
SILVERTON, OREGON
503-873-8679
www.silverton.or.us

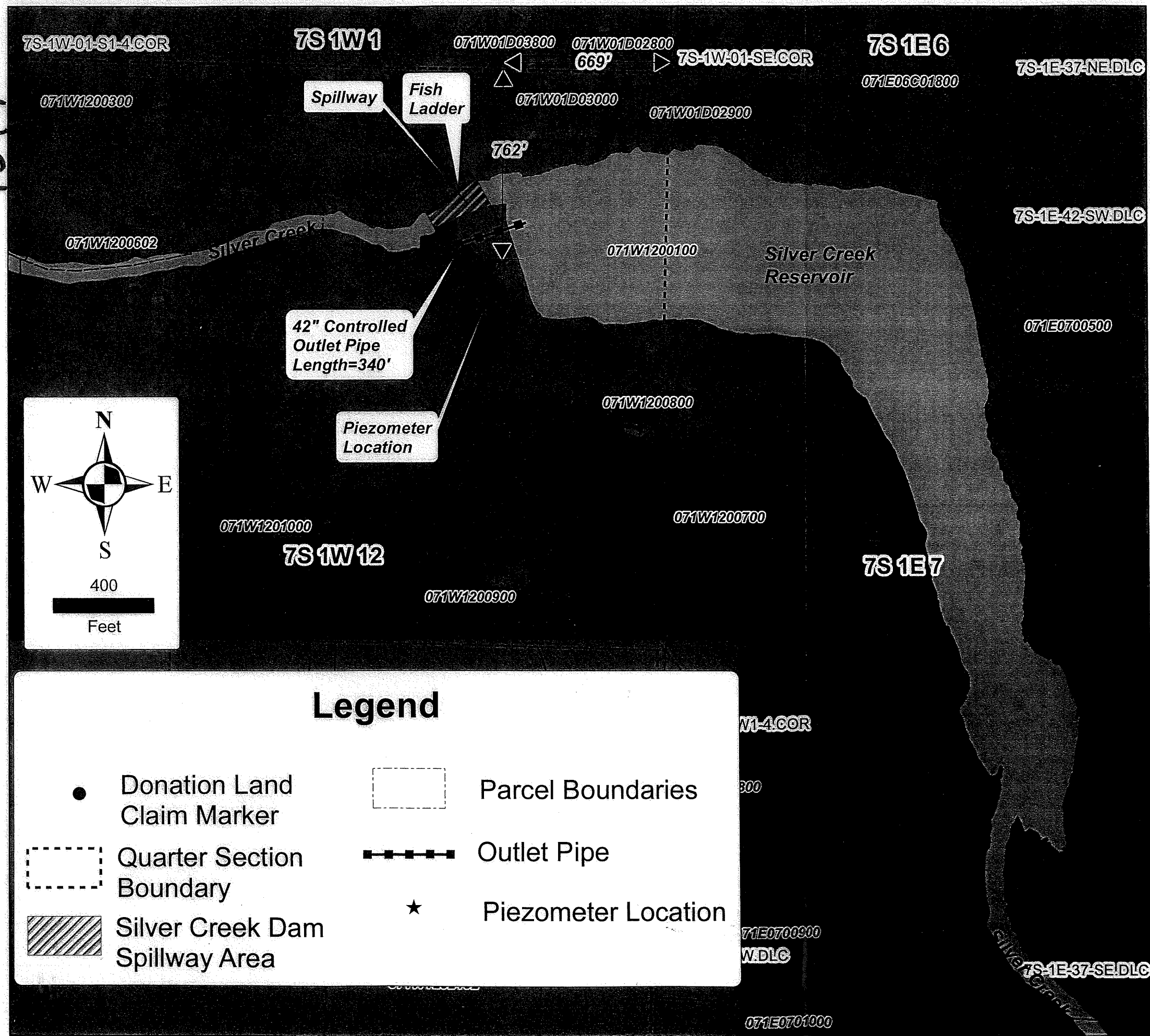
RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON



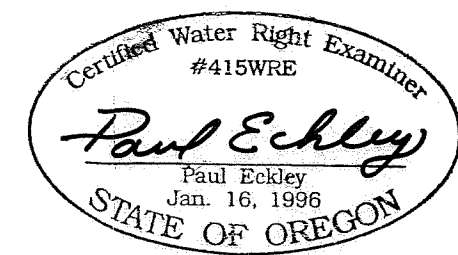
1014



Map to Accompany Claim of Beneficial Use (COBU) for App. R-50184 and Permit R-5948, Section 12, T7S, R1W; and Sections 7 and 18, T7S, R1E, WM, Marion County, Oregon.

- NOTES:
- 1) This map is not intended to provide legal descriptions or locations of property ownership lines.
 - 2) Map was prepared for the City of Silverton Public Works Department, 306 S. Water Street, Silverton, OR 97381.
 - 3) Map prepared by :
Paul Eckley, CWRE#415WRE
306 S. Water Street
Silverton, OR 97381.
 - 4) No Government Lots for POU from Marion County GIS.

Cobu MAP # 1014



EXPIRES: 12-31-2017

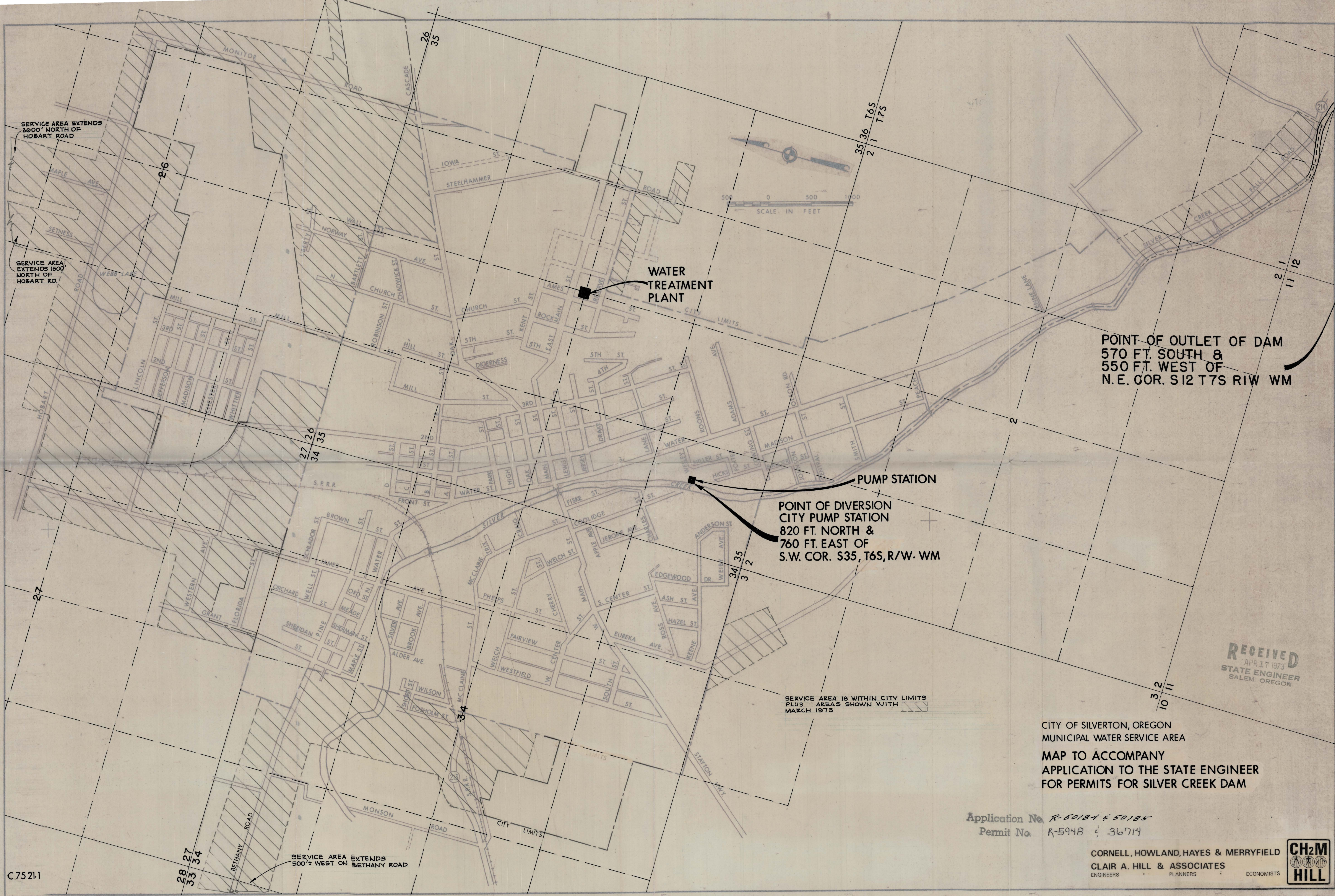
CITY OF SILVERTON
PUBLIC WORKS
DEPARTMENT
306 S. WATER STREET
SILVERTON, OREGON
503-873-8679
www.silverton.or.us

RECEIVED

AUG 10 2016

WATER RESOURCES DEPT
SALEM, OREGON





POINT OF OUTLET OF DAM
570 FT. SOUTH &
550 FT. WEST OF
N.E. COR. S12 T7S RIW WM

PUMP STATION
POINT OF DIVERSION
CITY PUMP STATION
820 FT. NORTH &
760 FT. EAST OF
S.W. COR. S35, T6S, R/W. WM

WATER
TREATMENT
PLANT

SERVICE AREA IS WITHIN CITY LIMITS
PLUS AREAS SHOWN WITH [hatched pattern]
MARCH 1973

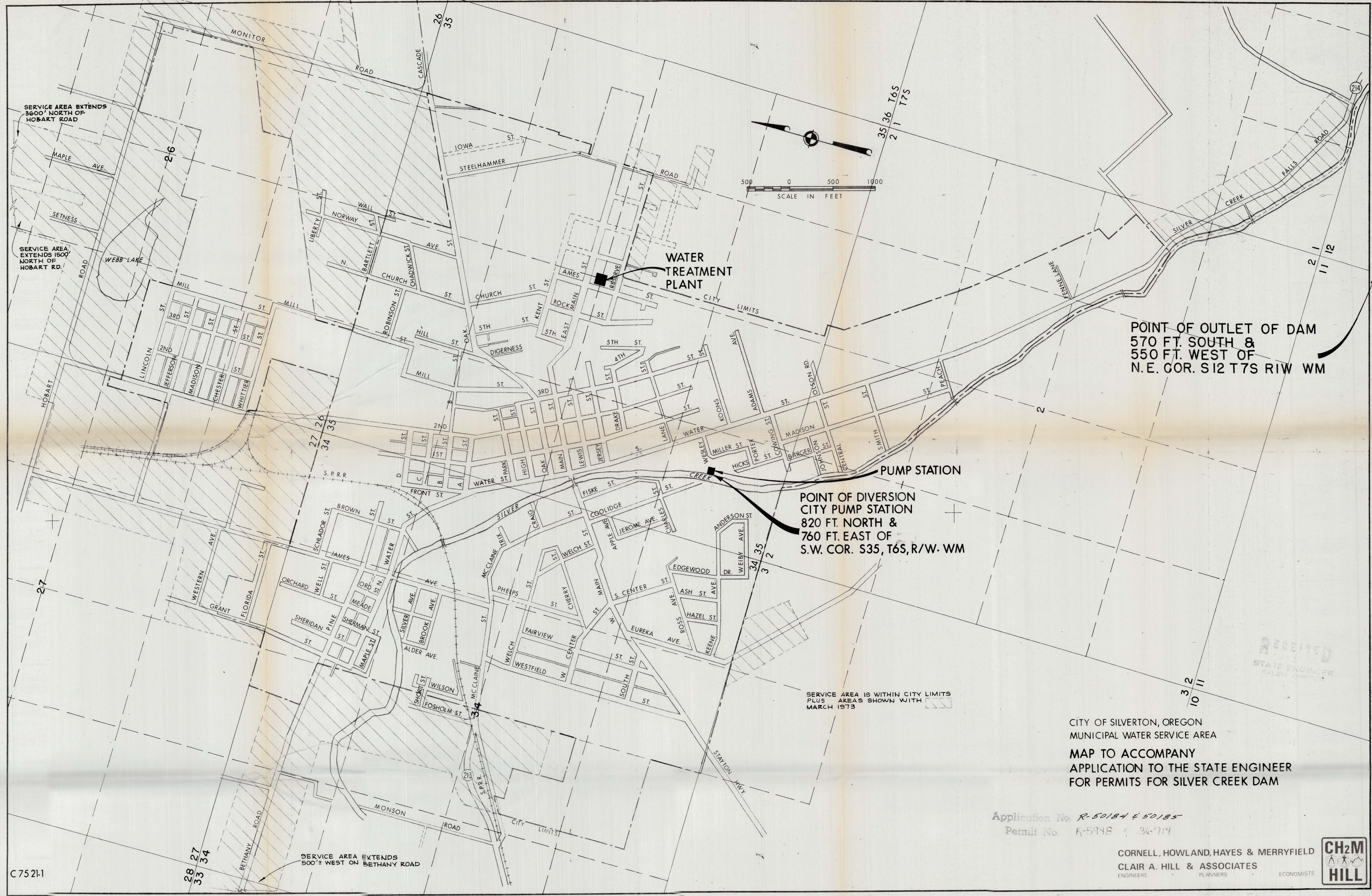
RECEIVED
APR 17 1973
STATE ENGINEER
SALEM, OREGON

CITY OF SILVERTON, OREGON
MUNICIPAL WATER SERVICE AREA
MAP TO ACCOMPANY
APPLICATION TO THE STATE ENGINEER
FOR PERMITS FOR SILVER CREEK DAM

Application No. R-50184 & 50185
Permit No. R-5948 & 36714

CORNELL, HOWLAND, HAYES & MERRYFIELD
CLAIR A. HILL & ASSOCIATES
ENGINEERS PLANNERS ECONOMISTS





SERVICE AREA EXTENDS 3600' NORTH OF HOBART ROAD

SERVICE AREA EXTENDS 1500' NORTH OF HOBART RD.

WATER TREATMENT PLANT

PUMP STATION

POINT OF OUTLET OF DAM
570 FT. SOUTH &
550 FT. WEST OF
N.E. COR. S12 T7S R1W WM

POINT OF DIVERSION
CITY PUMP STATION
820 FT. NORTH &
760 FT. EAST OF
S.W. COR. S35, T6S, R/W. WM

SERVICE AREA IS WITHIN CITY LIMITS
PLUS AREAS SHOWN WITH [hatched box]

SERVICE AREA EXTENDS 500' WEST ON BETHANY ROAD

CITY OF SILVERTON, OREGON
MUNICIPAL WATER SERVICE AREA
**MAP TO ACCOMPANY
APPLICATION TO THE STATE ENGINEER
FOR PERMITS FOR SILVER CREEK DAM**

Application No. R-50184 & 50185
Permit No. K-5948 & 36714

CORNELL, HOWLAND, HAYES & MERRYFIELD
CLAIR A. HILL & ASSOCIATES
ENGINEERS PLANNERS ECONOMISTS



C7521-1