

01/28/2004

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 85-16

NAME AND ADDRESS: UNITED STATES OF AMERICA ACTING THROUGH
REGIONAL DIRECTOR PN REGION
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234

SOURCE: SWEETWATER CREEK TRIBUTARY: LAPWAI CREEK
Point of injection into and point of redirection from Lindsay Creek at
Mann Lake.

QUANTITY: 87.800 CFS
Right Nos. 85-16 and 85-4483 are limited to a total combined diversion rate of
87.8 cfs

PRIORITY DATE: 07/14/1904

POINT OF DIVERSION:
T34N R04W S21 NWSW Lot 3 Within NEZ PERCE County
T35N R04W S17 SESE Lot 18 Injection Within NEZ PERCE County
T35N R04W S17 SESE Lot 18 Rediversion Within NEZ PERCE County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	02/15 11/30	87.800 CFS
MUNICIPAL	01/01 12/31	87.800 CFS

PLACE OF USE:

3845 ACRES TOTAL

Right Nos. 85-16, 85-2049, 85-2063, 85-2065, 85-2146, 85-2147, 85-4483
and 85-11087 are limited to the irrigation of a combined total of 3845
acres in a single irrigation season.

Place of use is within the service area of Lewiston Orchards Irrigation
District as provided for under Idaho law. The place of use is generally
described as within the city limits of Lewiston and the surrounding service
area.

The boundary encompassing the place of use for this water right is
described with a digital boundary as defined by I.C. Section 42-202B(2) and
authorized pursuant to I.C. Section 42-1411(2)(h). The data comprising the
digital boundary are incorporated herein by reference and are stored on a
CD-ROM disk issued in duplicate originals on file with the SRBA District Court
and the Idaho Department of Water Resources. A map depicting the place
of use is attached hereto to illustrate the place of use described by the
digital boundary.

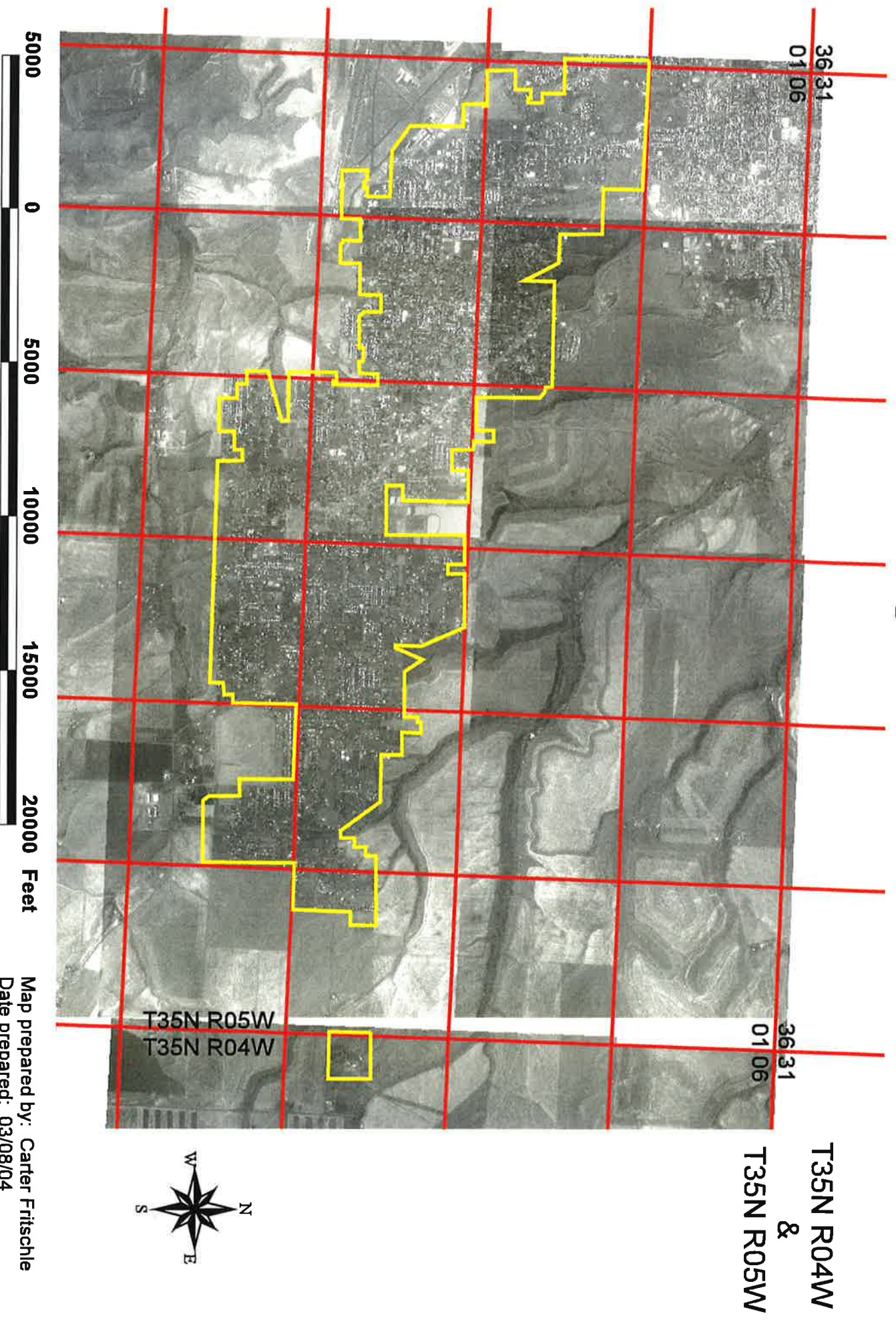
OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for
the definition of the rights or for the efficient administration of the water
rights as may be ultimately determined by the Court at a point in time no
later than the entry of a final unified decree. Section 42-1412(6), Idaho
Code.

EXPLANATORY MATERIAL: Decreed

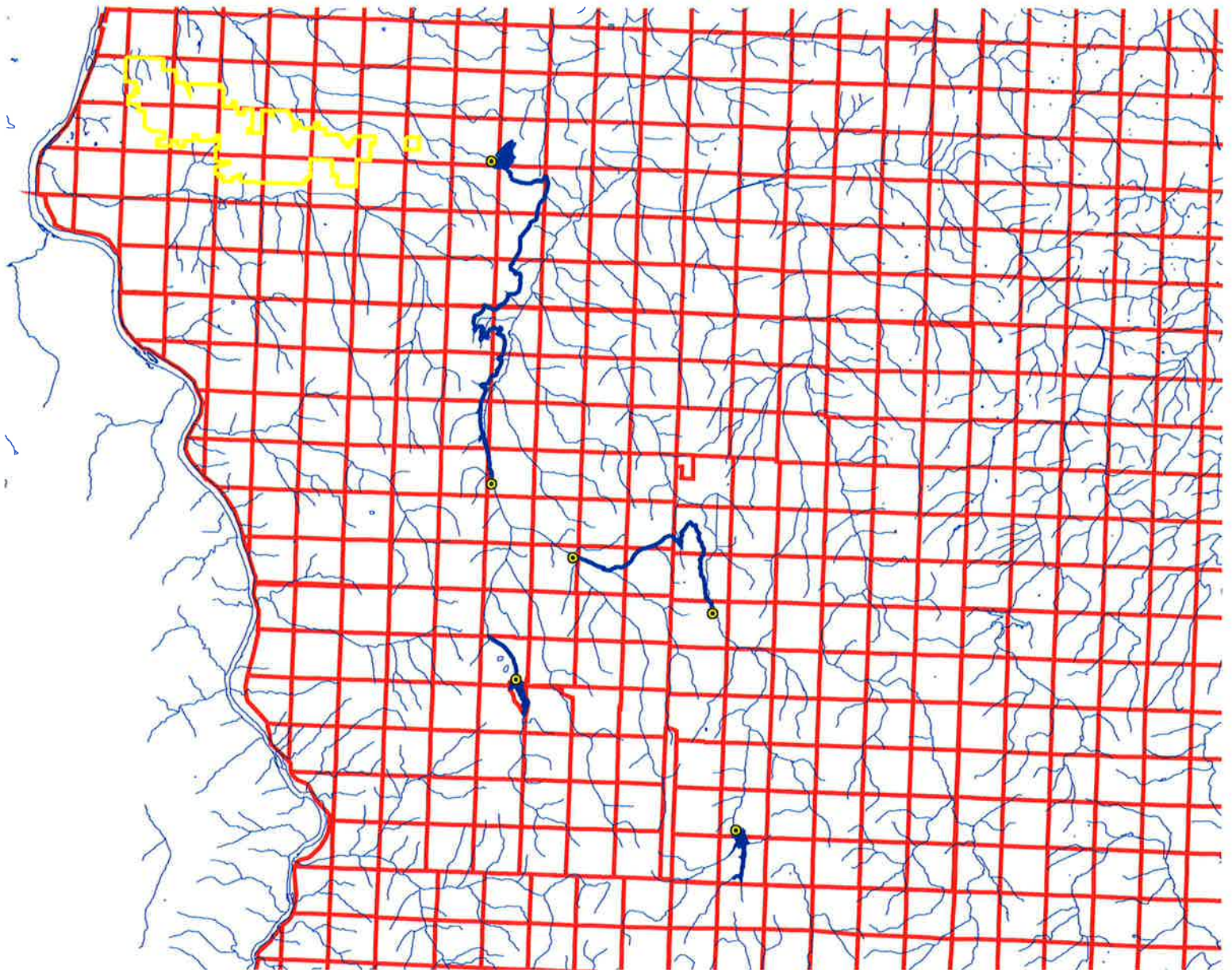
Municipal use includes domestic use as claimed.

Lewiston Orchards Irrigation District Service Area



Map prepared by: Carter Fritschle
Date prepared: 03/08/04
1987-1988 NAPP photography
Idaho Department of Water Resources

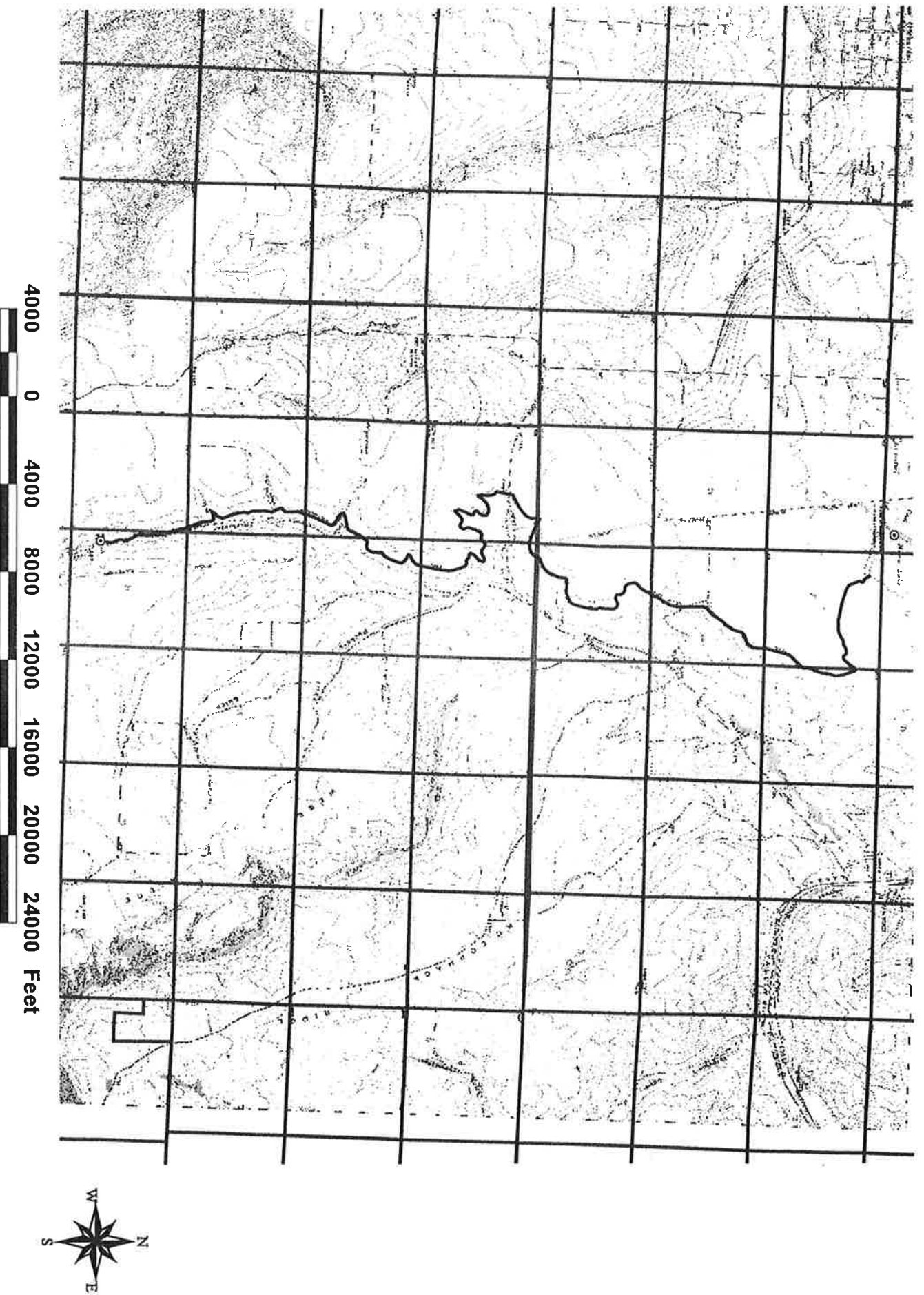
Lewiston Orchards Irrigation District



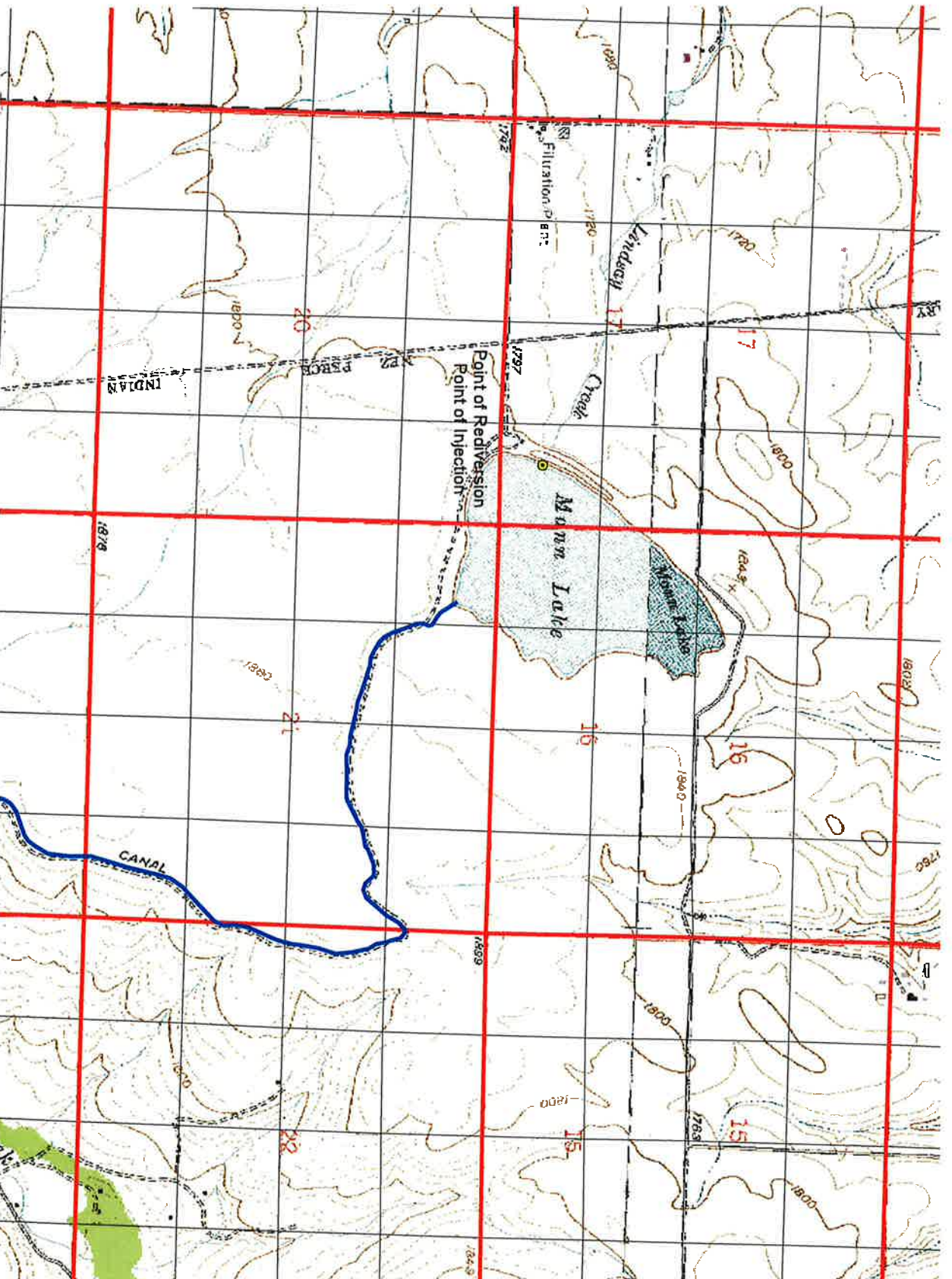
4 0 4 8 Miles

A horizontal scale bar with alternating black and white segments, used to indicate distance in miles.

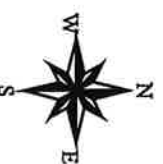
Lewiston Orchards Irrigation District 85-16



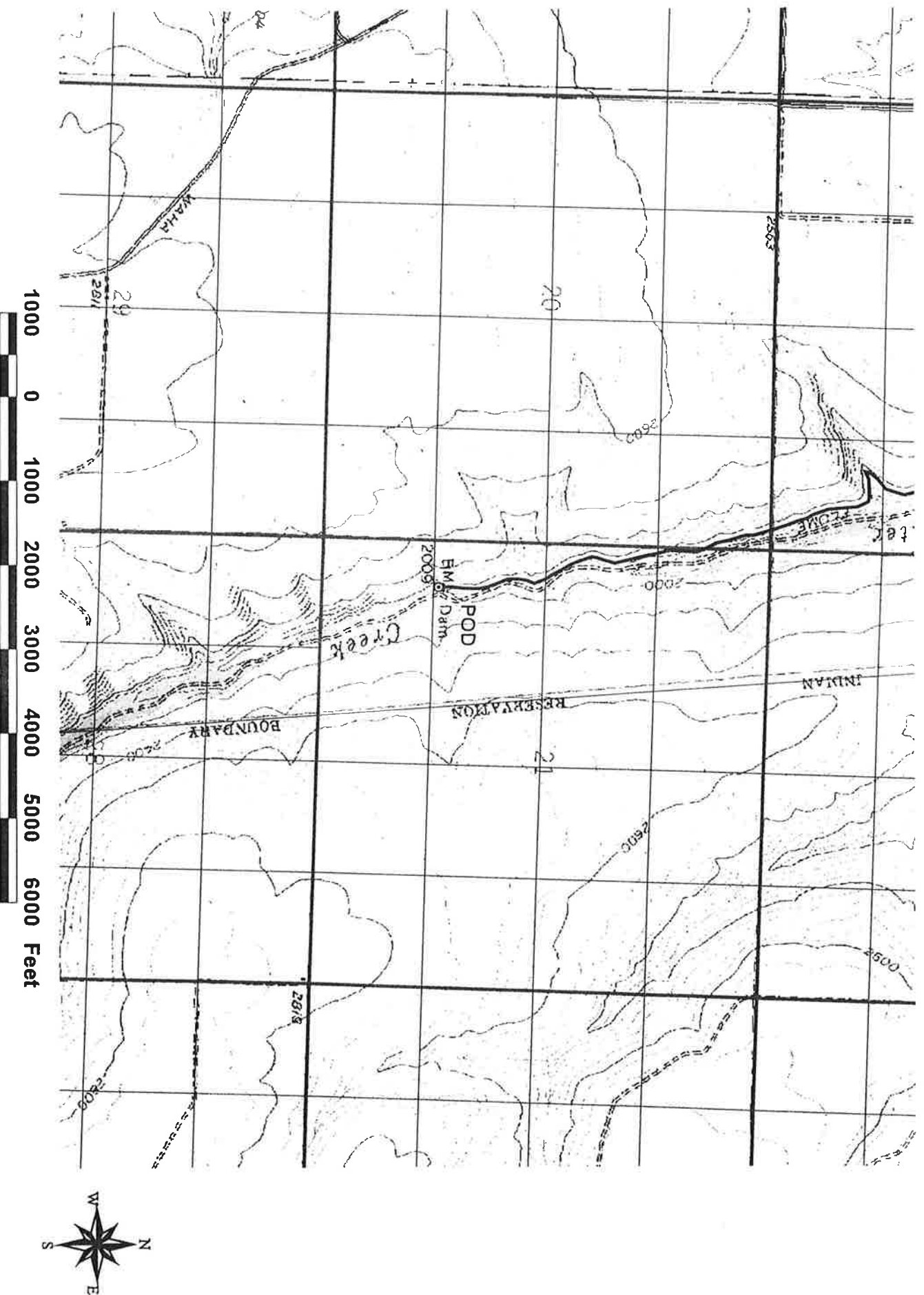
Lewiston Orchards Irrigation District 85-16



800 0 800 1600 2400 3200 4000 4800 5600 6400 7200 Feet



Lewiston Orchards Irrigation District 85-16



IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A85-00016
Date Received: 9/27/1988
Receipt No: _____
Received By: _____



**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

Department of Water Resources

1. Name: UNITED STATES OF AMERICA, ACTING THROUGH 208-334-1165
Address: REGIONAL DIRECTOR, P.N. REGION
BUREAU OF RECLAMATION
BOS 043-550 WEST FORT STREET
BOISE, ID 83724

2. Date of Priority: JUL 14, 1904

3. Source: SWEETWATER CREEK Trib. to: LAPWAI CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
34N	04W	21	NW	SW			NEZ PERCE

5. Description of diverting works:
DIVERSION DAM AND CANAL

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	87.800		
DOMESTIC	01/01	12/31	87.800		

7. Total Quantity Appropriated is:
87.800 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
DOMESTIC

A85-00016

Page

1

Date: 12/05/88

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10. Place of Use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
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11. Place of use in counties:

12. Do you own the property listed above as place of use? NO

13. Other Water Rights Used:
85-2003 AND OTHERS

14. Remarks:

P/U = LEWISTON ORCHARDS IRRIGATION DISTRICT - NEZ PERCE COUNTY
3845.48 ACRES IRRIGATED

15. Basis of Claim: DECREED
Water Right Number: 877
Case Number:
Court :
Decree date:

SIEGRIST MILL
Decree Plaintiff

vs

LEWISTON-SWEETWATER IRR. CO.
Decree Defendant

of said lots 22, 23, and 24, to a point in the center of the public road, said point being marked by a stone with an X on the top; thence north 18 degrees west 2.00 chains on the center line of said road; thence north 39 degrees 45' west 4.50 chains on center line of said road; thence north 12 degrees 30' west 15.02 chains on center line of said road to the place of beginning; subject however to the right of way of the Clearwater Short Line Railway Company in lot 22. Also that piece or parcel of land in lot 24, Sec. 26 T. 36 N., R. 4 W. B. M., now occupied by a mill and described as follows: Commencing at the point heretofore described as the place of beginning in the preceding description thence south 12 degrees 30' east on the center line of the public road, 3.83 chains to a point for a place of beginning; thence south 77 degrees 30' west, 1.64 chains; thence south 12 degrees 30' east 1.64 chains; thence north 77 degrees 30' east, 1.64 chains, thence north 12 degrees 30' west on center line of road, to point of beginning, the lands covered hereby being all that portion of Allotment #1922 lying east of the public road and described in that certain instrument of record in the Office of the Recorder of Nez Perce County, Idaho, in Book "F" of Miscellaneous records, at page 162 thereof, all of said lands constituting parts of the Kate Forrest allotment, No. 1922.

It is further decreed that the appropriation upon which said rights is based dates from June 1, 1896, but is not superior to the right of the Government for 200 of the 300 acres of School or Agency Reserve for which award is made in paragraph 2, and the rights of the Indian allottees as set forth in the second schedule in paragraph 2.

LEWISTON-SWEETWATER IRRIGATION COMPANY
and
LEWISTON-SWEETWATER IRRIGATING COMPANY
CORPORATIONS

4. It is further decreed that the defendant Lewiston-Sweetwater Irrigating Company, a corporation, is the successor in interest of all the right of the Lewiston-Sweetwater Irrigation Company, and is the owner of Permit No. 877, issued by the State Engineer of Idaho, pursuant to law, and that its rights thereunder

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License No.
85-2003
for 87.8 cfs

relate back to July 14, 1904, but are subordinate and subject to all other rights herein recognized and decreed; that, subject, to said rights, it is entitled to divert from Sweetwater Creek, a tributary of Lapwai Creek, in amounts not to exceed at any time one hundred cubic feet per second, for such periods and at such times as may be necessary, water sufficient to fill and to keep full its reservoir system, for ultimate use for irrigation and domestic purposes, upon lands a general description of which is as follows: Sections 7, 8, 9, 10, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23, in Township 35 North, Range 5 West, Boise Meridian, and also sections 12, 13, and 18, in Township 35 North, Range 4, West, B. M. Said water is to be diverted from Sweetwater Creek at a point near and southerly from the center of Section 28, Township 34 North, Range 4 West, Boise Meridian,

5. For the purpose of avoiding unnecessary waste, the several claimants to whom award is herein made for irrigation purposes (excepting the Lewiston-Sweetwater Irrigating Company) will be required to cooperate together and to use the water in rotation, so that each may have an irrigating stream of reasonable size during the period of use. Should the claimants fail to adopt and conform to an appropriate system of rotation any interested party may at any time apply to the court or the judge thereof to have such a system established. The Lewiston-Sweetwater Irrigating Company will be required at any time to permit more water to flow down to the headgates of the other claimants than will be necessary to supply their aggregate irrigated area at the rate of a second foot for each one hundred acres of such area.

6. It is further decreed that neither of the defendants, Sweetwater Irrigation Company or Sweetwater Irrigation & Power Company, has any interest in or right to the use of any of the waters of Lapwai Creek or Sweetwater Creek, or any of the tributaries of either of said streams.

7. It is further decreed that all water be measured to the parties entitled thereto at their several points of diversion from

the channel of the stream.

8. It is further ordered and decreed that all parties install at their several points of diversion suitable diversion works, so constructed as to avoid unnecessary waste and to utilize the water reasonably available for use, and also to install in connection therewith uniform measuring devices in conformity with a design to be prescribed or approved by the State Engineer of Idaho.

9. The Court retains jurisdiction to make all reasonable rules touching the manner of diverting, measuring, and distributing the water, and the devices to be installed and used for such purposes, and by supplementary orders and decrees to require rotation in use where the rights are too small to constitute effective irrigating streams, and generally to administer and give effect to this decree, and especially by supplemental proceedings and decrees to define more particularly the rights of Indian allottees, generally recognized in paragraph 2.

Dated June 12, 1916.

FRANK S. DIETRICH
Judge.

(Endorsement)
No. 421

IN THE DISTRICT COURT OF THE UNITED STATES
FOR THE DISTRICT OF IDAHO, CENTRAL DIVISION

William Siegrist, et al.,
vs.
Lewiston-Sweetwater Irrigating Co., et al.

D E C R E E

Filed June 12, 1916.
W. D. McKeaynolds, Clerk.

31 1916

S T A T E O F I D A H O

WATER LICENSE No. 877

W A T E R D I S T R I C T No. 81-X.

WHEREAS, On the 14th day of July, A.D. 1904, Lafe Pence, of Lewiston, County of Nez Perce, State of Idaho, duly made application (NO. 1040) to the State Engineer of Idaho for a permit to use 150 cubic feet per second of the waters of Mission Creek; 150 cubic feet per second of the waters of Soldiers' Meadow Creek and 100 cubic feet per second of the waters of Sweetwater Creek, in Water District No. 81-X, County of Nez Perce, State of Idaho, for irrigation and domestic purposes, and,

WHEREAS, On the 25th day of October A.D. 1904, Permit No. 877, was issued for the diversion of said water, and providing for the completion of the works of diversion therein described on or before the 25th day of October A.D. 1909, and for the application to beneficial use of said water on or before the 25th day of October, A.D. 1913, and,

WHEREAS, On the 11th day of April, A.D. 1905, Lafe Pence, the holder of said permit, transferred all his right, title and interest in and to said permit to H.L. Powers, and,

WHEREAS, On the 15th day of August, A.D. 1905, H. L. Powers, the holder of said permit, transferred all his right, title and interest in and to said permit to F. D. Warner, and,

WHEREAS, On the 11th day of December, A.D. 1905, F. D. Warner, the holder of said permit, transferred all his right, title and interest in and to said permit to the Lewiston-Sweetwater Irrigation Company, Limited, and,

WHEREAS, On the 27th day of April, A.D. 1908, the Lewiston-Sweetwater Irrigation Company, Limited, transferred all its right, title and interest in and to said permit to the Lewiston-Sweetwater Irrigating Company, Limited, and,

WHEREAS, On the 5th day of October, A.D. 1909, the Lewiston-Sweetwater Irrigating Company, Limited, the holder of said permit, duly made proof of completion of adequate works for the diversion of 100 cubic feet per second of said waters as evidenced by my Certificate No. 877, dated October, 23, 1909, confirming the completion of works of sufficient capacity for diverting and conveying to the place of intended use 100 cubic feet per second of the waters of Sweetwater Creek, with date of priority of July 14, 1904, and,

WHEREAS, On the 25th day of October, A.D. 1913, the time for the beneficial use of the water under said permit was extended to the 25th day of October, A.D. 1915, and,

WHEREAS, On the 23rd day of October, A.D. 1915, the Lewiston-Sweetwater Irrigating

Company, Limited, the holder of said permit, duly made proof of the application to beneficial use of 87.8 cubic feet per second of said water.

NOW THEREFORE, By virtue of authority vested in me by the laws of the State of Idaho, I hereby grant and confirm to the Lewiston-Sweetwater Irrigating Company, Limited, of Lewiston, County of Nez Perce, and State of Idaho, the holder and owner of said Permit No. 877, a perpetual right, dating from July 14, 1904, to the use of 87.8 cubic feet per second of the waters of Sweetwater Creek, in the County of Nez Perce and State of Idaho, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point S. 11° 45' E. 855' from center of Sec. 28, Twp. 34 N., R. 4 W., B.M. and conducted to and upon 4389.9 acres of land as follows:

Twp. 35 N., R. 5 W.B.M.

Sec.	Subdivision	Acres.	Sec.	Subdivision	Acres.
7	NE 1/4 SW 1/4	37.8	16	NE 1/4 NE 1/4	42.6
	NE 1/4 SE 1/4	39.0		SE 1/4 NE 1/4	35.9
	NW 1/4 SE 1/4	37.0		SW 1/4 NE 1/4	36.4
	SW 1/4 SE 1/4	40.0		NW 1/4 SE 1/4	40.0
	SE 1/4 SE 1/4	39.8		NE 1/4 SE 1/4	40.6
8				SE 1/4 SE 1/4	41.3
	NE 1/4 S 1/4	28.5		SW 1/4 SE 1/4	40.4
	NW 1/4 S 1/4	40.7		S 1/4 SW 1/4	39.8
	SW 1/4 S 1/4	40.7		SE 1/4 SW 1/4	38.7
	SE 1/4 S 1/4	40.0		NE 1/4 SW 1/4	40.9
	NE 1/4 SE 1/4	40.6		NW 1/4 SW 1/4	40.0
	NW 1/4 SE 1/4	41.1			
	SW 1/4 SE 1/4	40.7		NE 1/4 NE 1/4	41.9
	SE 1/4 SE 1/4	39.9		NW 1/4 NE 1/4	40.9
9	NW 1/4 SW 1/4	5.4		SE 1/4 NE 1/4	40.9
	SW 1/4 SW 1/4	25.9		SW 1/4 NE 1/4	40.0
	SE 1/4 SW 1/4	20.0	NE 1/4 SE 1/4	40.9	
12	SE 1/4 SW 1/4	37.5	NW 1/4 SE 1/4	40.0	
	SW 1/4 SW 1/4	43.0	SE 1/4 SE 1/4	40.6	
13			SW 1/4 SE 1/4	39.7	
	NE 1/4 NW 1/4	44.6	NE 1/4 NW 1/4	40.8	
	NW 1/4 NW 1/4	39.1	NW 1/4 NW 1/4	41.3	
	SW 1/4 NW 1/4	40.9	SW 1/4 NW 1/4	40.2	
	NE 1/4 NW 1/4	36.7	SE 1/4 NW 1/4	39.9	
	SW 1/4 NW 1/4	38.5	NE 1/4 S 1/4	39.9	
	NW 1/4 NW 1/4	40.0	NW 1/4 SW 1/4	39.7	
	NE 1/4 NW 1/4	40.7	SW 1/4 SW 1/4	39.1	
	SE 1/4 NW 1/4	39.3	SE 1/4 SW 1/4	39.7	
	SW 1/4 SE 1/4	38.6			
	NW 1/4 SE 1/4	40.0	NE 1/4 NE 1/4	40.1	
	NE 1/4 SE 1/4	40.7	NW 1/4 NE 1/4	41.0	
	SE 1/4 SE 1/4	39.3	SW 1/4 NE 1/4	40.7	
	14			SE 1/4 NE 1/4	40.5
SW 1/4 NW 1/4		41.6	NE 1/4 SW 1/4	40.9	
SE 1/4 NW 1/4		21.5	NW 1/4 SE 1/4	40.7	
SW 1/4 NE 1/4		6.6	NE 1/4 NW 1/4	40.1	
SE 1/4 NE 1/4		17.0	NW 1/4 NW 1/4	40.7	
SW 1/4 S 1/4		38.8	SW 1/4 NW 1/4	40.7	
NW 1/4 S 1/4		40.0	SE 1/4 NW 1/4	40.1	
NE 1/4 S 1/4		40.0			
SE 1/4 S 1/4		38.4	NE 1/4 NE 1/4	39.4	
SW 1/4 S 1/4		38.3	NW 1/4 NE 1/4	39.7	
NW 1/4 SE 1/4		37.6	SW 1/4 NE 1/4	40.0	
NE 1/4 SE 1/4		37.7	SE 1/4 NE 1/4	39.4	
SE 1/4 SE 1/4		38.3	NE 1/4 SE 1/4	39.2	
15			NW 1/4 SE 1/4	40.0	
	NW 1/4 NW 1/4	41.6			
	SW 1/4 NW 1/4	40.0	18	NE 1/4 NE 1/4	39.4
	SE 1/4 NW 1/4	40.9		NW 1/4 NE 1/4	39.7
	NW 1/4 NW 1/4	42.2		SW 1/4 NE 1/4	40.0
NW 1/4 NE 1/4	18.2	SE 1/4 NE 1/4		39.4	
			NE 1/4 SE 1/4	39.2	
			NW 1/4 SE 1/4	40.0	

Report of Engineer

1. State name of applicant and number of permit: *Original applicant, Lafa Pence, but present owner is Lemiston Sweetwater Irrigation Company, Limited, No. 4 Permit 13, B.T.T.*
2. State source of water supply: *Sweetwater Creek and the springs, lakes and other tributaries and sources of supply thereof.*
3. Location of point of diversion: *855 ft. from the N. Sec. 6 on corner of Sec. 26, Tp. 34 North Range 4, W. B. 10, 17, Nez Perce County, Idaho.*
4. State whether or not the works of diversion are fully completed and in accordance with terms of permit: *The works of diversion are fully completed in accordance with terms of permit.*
5. Describe works as they exist, giving dimensions of same as follows:
- (a) Width of conduit at bottom:
 - (b) Width at water line:
 - (c) Depth of water:
 - (d) Grade per mile:
- For itemized description see following pages.*
6. State whether or not water has been turned into works of diversion and if so, to what extent: *Yes, to the extent of the entire flow of Sweetwater Creek, since June, 1906.*
7. Give exact location of lands to be irrigated. *Give exact number of acres under cultivation in each forty-acre tract: The S $\frac{1}{2}$ Sec. 7, S $\frac{1}{2}$ Sec. 8, Sec. 17, 18, and 19, all in Tp. 35 N., R. 4 W. B. M.; The S $\frac{1}{2}$ Sec. 4, S $\frac{1}{2}$ Sec. 5, S $\frac{1}{2}$ Sec. 6, S $\frac{1}{2}$ Sec. 11, S $\frac{1}{2}$ Sec. 12, and Sections 7, 8, 9, 10, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 and 24, all in Tp. 35 N., R. 5 W. B. M.; The S $\frac{1}{2}$ Sec. 1, and Sections 12, 13, and 24, all in Tp. 35 N., R. 6 W. B. M.*
8. Submit map on enclosed plat, source of supply, point of diversion, route of ditch or ditches and cross hatch lands to be irrigated.
- Remarks: *Have submitted an enclosed plat which is annexed hereto giving information required. Have cross hatched the boundary of the ^{lands} to be irrigated, above described. Works constructed are shown in red ink.*

J. O. Mazon

STATE OF IDAHO,

County of *Nez Perce* } ss.

J. O. Mazon, being first duly sworn, deposes and says that the statements contained in the within report are correct to the best of his knowledge and belief.

Subscribed and sworn to before me this *14th* day of *Sept*, 190*9*.

My Commission Expires *Apr. 3, 1910*

Ind. E. Butler
Notary Public.

FLUME

Flume from works of diversion for approximately 1 mile

Width	4 ft.
Depth	2 "
Minimum grade per mile	126.7

Flume from above described flume for 1 3/4 miles

Width	7' 9"
Depth	2'

This flume was designed and posts constructed for a depth of 4 ft., but the flow of water has not warranted further completion.

Grade per mile	5.28
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CANALS.

From end of flume for approximately 3.7 miles to siphon

Width of conduit at bottom	9 ft.
" " " " water line	18 "
Depth of water	3 "
Grade per mile	3.168 ft.

SIPHON

750 ft. of 24" wood pipe

Fall 66.76 ft.

CANAL

From end of siphon approximately 1.5 miles

Width of conduit at bottom	9 ft.
" " " " water line	18 "
Depth of water	3 "
Grade per mile	3.168 ft.

thence continuing in canal approximately 2.65 miles.

Width of conduit at bottom	10 ft.
" " " " water line	19 "
Depth of water	3 "
Grade per mile	2.64 ft.

thence in draw or freshet water-way approximately 0.8 miles to reservoir "A".

RESERVOIR "A"

Capacity	2500 acre ft.
Extreme depth of water	50 ft.
Height of dam	55 "
Area of surface covered by water in reservoir	125 acres.

LATERAL "A"

From Reservoir "A" a 24" machine banded wood stave pipe line designated as lateral "A" extends for a distance of 4.9 miles to the distributing system of Lewiston Orchards Tract.

Grade of pipe line per mile	42.24 ft.
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RELIEF RESERVOIR

Located in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of section 22, township 35 N., R., 5 W.B.M. Capacity 60 acre ft. Area covered by water in reservoir 7 $\frac{1}{2}$ acres.

.....

877

REPORT OF ENGINEER

- [*877]
1. State name of applicant and number of permit: Lewiston Sweetwater Irr. Co. - Permit
 2. State source of water supply: Sweetwater Creek.
 3. Location of point of diversion: S. 11° 45' E. 855' from center Sec. 28,
T. 34 N. - R. 4 W. - B. M.
 4. State whether or not the works of diversion are fully completed and in accordance with terms of permit: Yes, substantially so.
 5. Describe works as they exist, giving dimensions and capacities of same:
Timber flume 1 3/4 miles long, 2' deep x 7.8' grade 5.28' per mile.
Canal - total length of all sections 8.5 miles; 9' on bottom,
18' at water line, water 3' deep, average grade 3.2' per mile.
Wood pipe siphon - 24" x 750' long, fall 27'.
Reservoir capacity 2500 cu. ft. Water is distributed
from reservoir thru wood pipe of various sizes.
Capacity of system 100 cu. ft., except the timber
flume, which is 70 cu. ft.
 6. State whether or not water has been turned into works of diversion: Yes.
 7. Give exact location of lands to be irrigated. Give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if for other than irrigation):
See attached list marked "Exhibit A"
 8. Submit map on enclosed plat, showing location and details of above description.
See map filed in connection with Proof of Completion of Works.
- Remarks:

This examination was made on the 28th day of December 1915

(Signed)

R. J. Hamilton
Examiner.

EXHIBIT A.

T. 35 N. - R. 5 W.

Sec.	Subdiv.	Acres.	Sec.	Subdiv.	Acres.
7	NE-SW	37.8	15	NW-NW	41.6
	NE-SE	39.0		SW-NW	40.0
	NW-SE	37.0		SE-NW	40.9
	SW-SE	40.0		NE-NW	42.2
	SE-SE	39.8		NW-NE	18.2
		193.6		NE-NE	42.6
8	NW-SW	28.5		SE-NE	35.9
	NW-SW	40.7		SW-NE	36.4
	SW-SW	40.7		NW-SE	40.0
	SE-SW	40.0		NE-SE	40.6
	NE-SE	40.6		SE-SE	41.3
	NW-SE	41.1		SW-SE	40.4
	SW-SE	40.7		SW-SW	39.8
	SE-SE	39.9		SE-SW	38.7
		312.2		NE-SW	40.9
9	NW-SW	5.4		NW-SW	40.0
	SW-SW	25.9	16	NE-NE	41.9
	SE-SW	20.0		NW-NE	40.9
		51.3		SE-NE	40.9
12	SE-SW	37.5		SW-NE	40.0
	SW-SW	43.0		NE-SE	40.9
		80.5		NW-SE	40.0
13	NE-NW	44.6		SE-SE	40.6
	NW-NW	39.1		SW-SE	39.7
	SW-NW	40.9		NE-NW	40.8
	NE-NW	36.7		NW-NW	41.3
	SW-SW	36.5		SE-NW	40.2
	NW-SW	40.0		SE-NW	39.9
	NE-SW	40.7		NE-SW	39.9
	SE-SW	39.3		NW-SW	39.7
	SW-SE	38.6		SW-SW	39.1
	NW-SE	40.0		SE-SW	39.7
	NE-SE	40.7	17	NE-NE	40.1
	SE-SE	39.3		NW-NE	41.0
		478.4		SW-NE	40.7
14	SW-NW	41.6		SE-NE	40.5
	SE-NW	21.5		NE-SW	40.9
	SW-NE	6.6		NW-SE	40.7
	SE-NE	17.0		NW-NW	40.1
	SW-SW	38.8		NW-NW	40.7
	NW-SW	40.0		SW-NW	40.7
	NE-SW	40.0		SE-NW	40.1
	SE-SW	38.4			
	SW-SE	38.3			
	NW-SE	37.6			
	NE-SE	37.7			
	SE-SE	38.3			
		395.8			
					619.5.
					645.5
					405.5

Sec.	Subdiv.	Acres.
18	NE-NE $\frac{1}{2}$	39.4
	NW-NE $\frac{1}{2}$	39.7
	SW-NE $\frac{1}{2}$	40.0
	SE-NE $\frac{1}{2}$	39.4
	NE-SE $\frac{1}{2}$	39.2
	NW-SE $\frac{1}{2}$	40.0
		237.7
21	NE-NE $\frac{1}{2}$	41.0
	NW-NE $\frac{1}{2}$	40.0
	SW-NE $\frac{1}{2}$	40.3
	SE-NE $\frac{1}{2}$	41.6
	NE-NW $\frac{1}{2}$	39.9
	NW-NW $\frac{1}{2}$	38.7
	SW-NW $\frac{1}{2}$	38.6
	SE-NW $\frac{1}{2}$	40.2
		320.5
22.	NE-NE $\frac{1}{2}$	40.9
	NW-NE $\frac{1}{2}$	39.7
	SE-NE $\frac{1}{2}$	41.3
	SW-NE $\frac{1}{2}$	40.8
	NE-NW $\frac{1}{2}$	42.9
	NW-NW $\frac{1}{2}$	40.0
	SW-NW $\frac{1}{2}$	40.7
	SE-NW $\frac{1}{2}$	41.7
		328.0
23.	NE-NE $\frac{1}{2}$	39.9
	NW-NE $\frac{1}{2}$	40.0
	SW-NE $\frac{1}{2}$	41.9
	SE-NE $\frac{1}{2}$	41.3
		163.1

T. 35 N. R. 4 W.

18	NE-SW $\frac{1}{2}$	40.5
	NW-SW $\frac{1}{2}$	40.0
	SW-SW $\frac{1}{2}$	38.7
	SE-SW $\frac{1}{2}$	39.3
		158.5

TOTAL 4389.9

Point of Div
whence the
corner of S
Tp. 34 N.,
Bears No

GULCH

PACKERS

Point of Diver
sion N 11° 45' W
855 ft
to the center
of sec. 28

EAST FORK
SWEETWATER

WEST

Flume 2' x 4'
Capacity 120 cu. ft Per Sec

Grade 5.28' per mile
Flume 7' 9" x 2" CANAL
Capacity 80 cu. ft per Sec

T 34 N

T 34 N