SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST A DESCRIPTION OF THE SOURCES, DELIVERY SYSTEMS, AND PLACES OF USE SUPPLEMENTAL SHEET #1

RECEWED

Spring #1 is undeveloped and is for stockwater.

MAY 26 1993

WATER RESOURCES DEPT. Spring #2 serves house #1, house #2, and a stocktank. SALEM, OREGON

HOUSE #1

Water is delivered via a 1"x400' and 3/4"x300' polyurethane gravity pipeline from a 4'x10'x1' wood springbox. The elevation difference between house #1 and spring #2 is approximately 50 feet. A "T" in the pipeline from spring #2 to house #2 delivers water to house #1.

HOUSE #2

Water is delivered via a 1"x600' and 3/4"x600' polyurethane gravity pipeline from the spring box. The elevation difference between house #2 and spring #2 is approximately 100 feet.

STOCKTANK

Same basic system as for house #1.

Spring #3 serves house #1 and a stocktank. Water is delivered by gravity pipeline from the spring via a 3/4"x800' polyurethane pipe. The elevation difference between house #1 and spring #3 is approximately 45 feet.

Spring #4 serves house #1. Water is delivered by pump from a 3'x 3'x5' concrete block spring box via a 1"x40' polyurethane pipe. The elevation difference between house #1 and spring #4 is approximately zero feet.

Spring #5 serves house #2. Water is delivered by gravity pipeline from a 30"x5' corrugated metal pipe spring box via a 3/4"x300' polyurethane pipe. The elevation difference between house #2 and spring #5 is approximately 35 feet.

Spring #6 serves a stocktank. Water is delivered to a stocktank via a 1/2"x600' polyurethane pipe. The elevation difference between the stocktank and spring #6 is approximately 50 feet.

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST CAPACITY OF THE DELIVERY SYSTEM SPRING #2 TO HOUSE #1 SUPPLEMENTAL SHEET #2

$$H_{ELEVATION} = f_1 \left(\frac{L_1}{D_1}\right) \left(\frac{V_1^2}{2g}\right) + f_2 \left(\frac{L_2}{D_2}\right) \left(\frac{V_2^2}{2g}\right)$$

 $H_{ELEVATION}$ - 50 FEET f - 0.03 (estimated @ V - 3.0 FT./SEC.

 $D_1 = 0.0833 \ FT.$

 $L_1 = 400 FT.$

 $D_2 = 0.0625 \ FT.$

 $L_{2} = 300 \ FT.$

 $A_1 - \pi R^2 - 0.0055 \ FT.^2$

 $A_2 - \pi R^2 - 0.0031 \ FT.^2$

 $A_1 = 0.0055/0.0031 = 1.77 A_2$

IF Q - AV

 $V_1 = \frac{V_2}{1.77} = 0.563V_2$

THEN

 $V_1^2 - 0.317 V_2^2$

 $45 - (0.030) \left(\frac{400}{0.0833} \right) \left(\frac{0.317 V_2^2}{64.4} \right) + (0.030) \left(\frac{300}{0.0625} \right) \left(\frac{V_2^2}{64.4} \right)$

 $45 - (0.030)(23.63V_2^2) + (0.030)(74.53V_2^2)$

 $45 - 0.71V_2^2$

 $+2.24V_2^2$

 $45 - 2.95V_2^2$

 $V_2^2 - 15.26$

 $V_2 - 3.91$

 $V_1 = 0.563V_2 = (0.563)(3.91) = 2.20 FT./SEC.$

MAY 26 1993

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST CAPACITY OF DELIVERY SYSTEM SPRING #2 TO HOUSE #1 SUPPLEMENTAL SHEET #3

CORRECTING

 $f_1 = 0.029$

 $f_2 - 0.028$

45 - $(0.029)(23.63V_2^2) + (0.028)(74.53V_2^2)$

 $45 - 0.069 V_2^2 + 2.09 V_2^2$

 $45 - 2.78V_2^2$

 $V_2^2 - 16.21$

 V_2 = 4.03 FT./SEC. f_2 = 0.028 @ 4.0 FT./SEC., OK

 $V_1 = 0.563V_2 = (0.563)(4.03) = 2.27 FT./SEC.$

 $f_1 = 0.029 @ 2.2 FT./SEC., OK$

 Q_1 - A_1V_1 - (0.0055)(2.27) - 0.012 cfs Q_2 - A_2V_2 - (0.0031)(4.03) - 0.012 cfs

MAY & 6 1993

WATER BELOWER BY CALL! SALEM, CHECADIA

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST

SUPPLEMENTAL SHEET #4

SPRING #2 TO HOUSE #2

RECEIVED

WHEN

MAY 26 1993

WATER RESOURCES DEPT.

SALEM, OREGON

 H_{ELEV} . - 100 FT.

 $D_1 = 0.0833 \ FT.$

 $L_1 - 600 FT$.

 $D_2 = 0.0625 \ FT.$

 L_2 - 600 FT.

 $f_1 = 0.020$ (estimated) $f_2 = 0.020$ (estimated)

 $A_1 - \pi R_1^2 - 0.0055 \ FT.^2$

 $A_2 - \pi R_2^2 - 0.0031 \ FT.^2$

 $A_1 = 0.0055/0.0031 = 1.77 A_2$

IF Q - AV

 $V_1 - \frac{V_2}{1.77} - 0.563V_2$

THEN

 $V_1^2 - 0.317 V_2^2$

100 -
$$(0.020) \left(\frac{600}{0.0833} \right) \left(\frac{0.317 V_2^2}{64.4} \right) + (0.020) \left(\frac{600}{0.0625} \right) \left(\frac{V_2^2}{64.4} \right)$$

100 -
$$(0.020)(35.441V_2^2) + (0.020)(14.907V_2^2)$$

$$100 - 0.709 V_2^2 + 0.298 V_2^2$$

 $100 - 1.007 V_2^2$

 $V_2^2 - 99.3$

 $V_2 = 9.96 \ FT./SEC.$

 $f_2 = 0.022 @ 10 FT./SEC.$

$$V_1 = \frac{V_2}{1.77_1} = \frac{9.90}{1.77_1} = 5.63 \ FT./SEC.$$

 $f_1 = 0.024 @ 5.6 FT./SEC.$

REVISING $f_2 = 0.022$ REVISING $f_1 = 0.024$

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST

SUPPLEMENTAL SHEET #5

100 - $(0.024)(35.441V_2^2) + (0.022)(14.907V_2^2)$

 $100 - 0.851V_2^2 + 0.328V_2^2$

 $100 - 1.179 V_2^2$

 V_2^2 = 84.8 V_2 = 9.2 FT./SEC.

 $f_2 = 0.023 @ 9.2 FT./SEC.$

 $V_1 = \frac{V_2}{1.77} = \frac{9.2}{1.77} = 5.2 \text{ FT./SEC.}$

 $f_1 = 0.024 @ 5.2 FT./SEC.$

REVISING $f_2 = 0.023$ REVISING $f_1 = 0.024$

THEN

 $100 = (0.024) (35.441 V_2^2) + (0.023) (14.907 V_2^2)$

 $100 - 0.851V_2^2 - 0.343V_2^2$

 $100 - 1.19 V_2^2$

 V_2^2 - 83.8

 V_2 = 9.15 FT./SEC. f₂ OK @ 9.2 FT./SEC.

 $V_1 = \frac{V_2}{1.77} = \frac{9.15}{1.77} = 5.17 \ FT./SEC.$

f, OK @ 5.2 FT./SEC.

Q - AV

 $Q_1 - A_1 V_1 - (0.0055)(5.17) - 0.028 cfs$ $Q_2 - A_2 V_2 - (0.0031)(9.15) - 0.028 cfs$

SPRING #2 TO STOCKTANK

Same capacity as to House #2, or 0.028 cfs.

RECEIVED

MAY 26 1993

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST

SUPPLEMENTAL SHEET #6

RECESSION

SPRING #3 TO HOUSE #1

MAY & 6 1993

WATER RESUME TO DEPT

WHEN

 H_{ELEV} . = 45 FT. f = 0.025 (estimated) L = 800 FT. D = 0.063 FT.

THEN

45 - $(0.025) \frac{(800)}{(0.063)} \frac{(V^2)}{64.4}$

 $45 - 5V^2$ $V^2 - 9$ V - 3 FT./SEC. Q - AV $A - \pi R^2 - (3.14)(0.001)$ $A - 0.003 FT^2$. Q - (0.003)(2.75) - 0.008 cfs

USE: f = 0.03 THEN $45 = (0.03)(198.7V^2)$ $45 = 5.96V^2$ $V^2 = 7.55$ $V = 2.75 \ FT./SEC$

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST

SUPPLEMENTAL SHEET #7

SPRING #4 TO HOUSE #1

MAY & 6 1993 WATER RED OREGON

$$USING: Q = \frac{ExHP}{H}$$

$$WHEN$$

 H_{ELEV} . - 0 $H_{FRICTION}$ - 0 $H_{PRESSURE}$ - 40 $lbs/inch^2$ (estimated)

$$Q = \frac{(6.61)(0.25)}{(2.31)(40)} = 0.018 cfs$$

SPRING #5 TO HOUSE #2

WHEN

 $H_{ELEVATION} = 35 FT.$

L = 300 FT.D = 0.063 FT.

 $A = \pi R^2 = 0.0031 \ FT.^2$

f = 0.030 (estimated @ V = 3 FT./SEC.)

THEN

35 -
$$(0.030) \frac{(300)}{(0.063)} \left(\frac{V^2}{64.4}\right)$$

 $35 - (0.030)(74.53V^2)$

 $35 - 2.24V^2$

 $V^2 = 15.6$

 $V = 3.96 \ FT./SEC.$

REVISING f = 0.027 @ 4 FT./SEC.

THEN

 $35 - (0.027)(74.53V^2)$

 $35 - 2.01V^2$

 $V^2 - 17.4$

 $V = 4.17 \ FT./SEC.$

f = 0.027 OK@4.17

Q - AV - (0.0031)(4.17) - 0.013 cfs

SURFACE WATER REGISTRATION STATEMENT IN THE NAME OF INEZ ADAMS LIVING TRUST

SUPPLEMENTAL SHEET #8

SPRING #6 TO STOCKTANK

USING: $H_{ELEVATION} - f\left(\frac{L}{D}\right)\left(\frac{V^2}{2g}\right)$

 $H_{ELEVATION}$ - 50 FT.

 $L = 600 \ FT.$ $D = 0.042 \ FT.$ $f = 0.031 \ (estimated @ V = 4 \ FT./SEC)$

THEN

 $50 - (0.031)(310.56V^2)$

 $50 - 9.63V^2$

 $V^2 = 5.19$

V = 2.28 FT./SEC. f = 0.031 OK @ 2.3 FT./SEC.

Q - AV

 $A - \pi R^2 - 0.001 \ FT.^2$

Q = (0.001)(2.28) = 0.003 cfs

RECTIVED

MAY 26 1993

May 24 1993 To Whom it Concerns

Bling a descendent of John allen who owned property in 1862 sow frown by Inez adams living trust state to the best of

my knowledge that water has been in use since that date

Detton allen

PECT VID

MAY 26 1993

RECEIVED

DEC 3 1 1992

WATER RESOURCES DEPT. SALEM, OREGON

STATE OF OREGON WATER RESOURCES DEPARTMENT

SURFACE WATER REGISTRATION STATEMENT PRE-1909 VESTED WATER RIGHT CLAIM

1. Name of Registrant: INA INEZ ADAMS LIVING TRUST
Mailing Address: 2980 S. ELK CRK RO 97435
DRAIN OR Telephone No: 836-258/
-
2. Source of water: 5 SPRING 5
2. Source of water: 5 SPRING5 Tributary to: ELK CREEK
3. Purpose(s) for which water is used: Domes Tic AND STOCK WATER
(Irrigation, Stockwater, Domestic, Hydroelectric power, Industrial, Etc.)
If irrigation, total number of acres irrigated:
4. Priority Date a) Date of first use: MARCh 30 1882
b) Date water use development first initiated: MARCh 30 1882
c) Name of party who initiated development: John Allen
5. Amount of water claimed: , O / , in CFS or GPM
(Water put to beneficial use)
(vidio) pur lo sollo, lotal des,
6. Location of place of use:
27 - 27 - 27 - 27
23 Sections, Township 22 N/S, Range 6 E/W. (Attach additional pages if necessary)
Des 121 Des 121
7. Usual period of use: Dec / 31 to Dec / 31 month day

8. Remarks:	NO RUN OSS OF SPRING EXCEPT IN WINTER III FOLLOW PREPARED BY JAMES GOSSON WATER RIGHT EXAMINER # 54
	· · · · · · · · · · · · · · · · · · ·
9. Total fee	es submitted with claim:
Notarized	Statement Signed by Claimant.
STATE OF	FOREGON)
County of	Douglas ; ss
depose and water righ	d say that I, and being the claimant of the existing surface at described herein, have read the contents of this claim and of my knowledge all of the matters stated herein and correct.
	Signature of Claimant
Signed and	attested before me this 30th day of Ocember, 19 92
	Donota Shint
	NOTARY PUBLIC for the State of Oregon OFFICIALLY Commission expires: 10-6-9-5 NOTARY PUBLIC - OREGON COMMISSION NO. 009798 MY DEMINISSION EXPIRES CCT. 6, 1005
	M MUST BE ACCOMPANIED BY A MAP PREPARED BY A D WATER RIGHT EXAMINER (CWRE).
	Certified Water Right Examiner
	Name: JAMES GOSSON CWRE#: 54
	Address: 580 3. STATE STREET. SUTHERLIN (

DEC 3 1 1992

UNITED STATES OF AMERICA.

John Allen

Grantor

TO

No. (15 United States Patent.

WATER RESOURCES DEPT SALEM, OREGON

Dated March 30, 1882,

Issued by authority of the Act of Congress of May 20, 1862 and the acts supplementary thereto.

Executed by the president. By the Secretary,

Recorded Vol.

Allen

Grantee

Grant mated in conformity to law for the South half of the South West quarter and the North West quarter of the South West quarter of section fourteen in Township twenty two South of Range Six West Willamet te Meridian in Oregon, containing one hundred and twenty acres acto the General Land Office by the Surveyor General. (Subject to any vested and accrued water rights)

Subject to any vested and accrued water rights for mining, agricultural, manufacturing or other purposes, and rights to ditches fand reservoirs used in connection with such water rights, as may be

FRANK E. ALLEY SEARCHER OF RECORDS Rossiti

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No. 5085

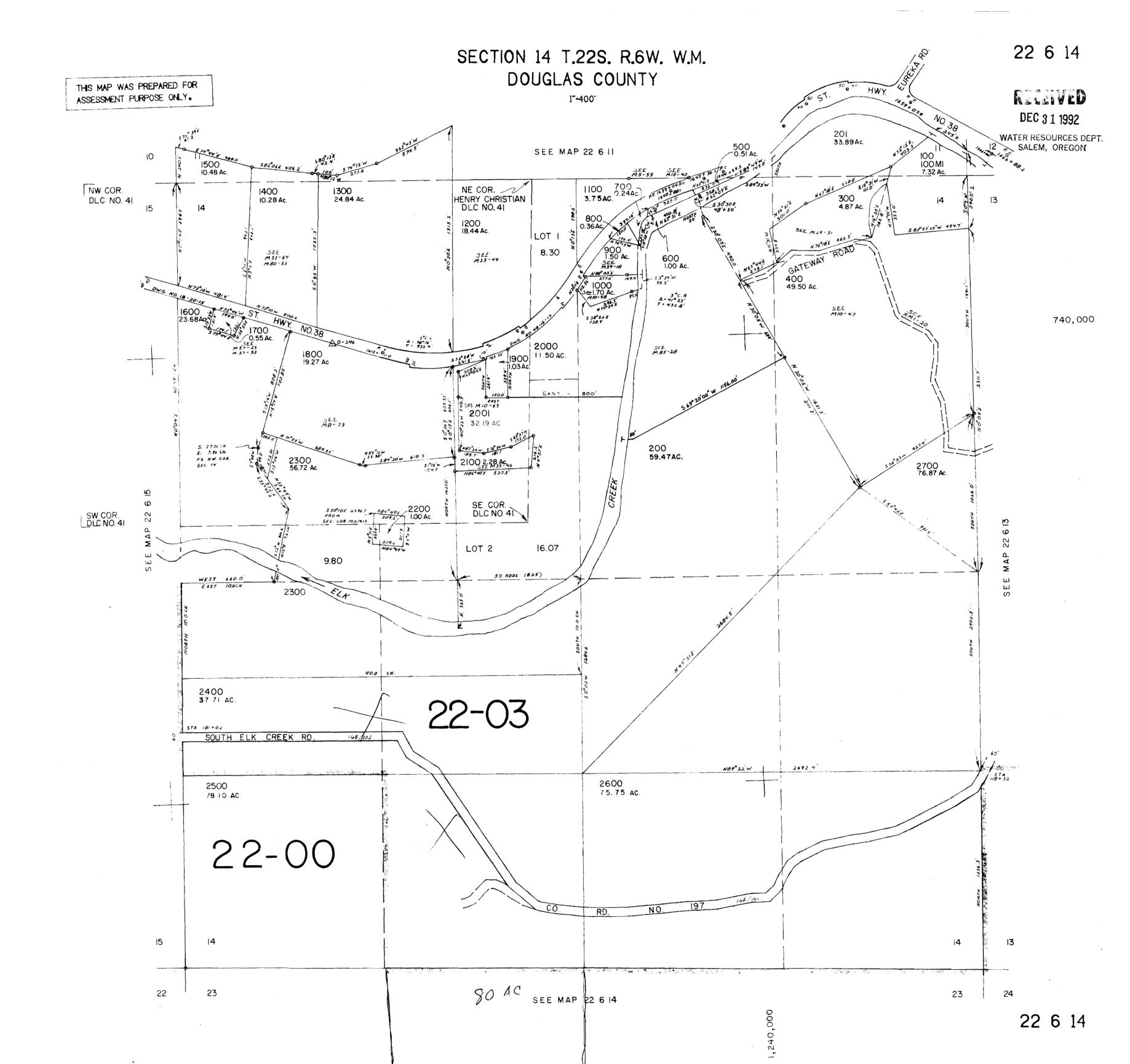
ABSTRACT OF TITLE

DEC 3 1 199

WATER RESOURCES DEPT

To the following premises situated in Douglas County, Oregon, and more particularly described as follows:

The South half $(S_{\overline{z}}^{\frac{1}{2}})$ of the Southwest quarter $(SW_{\overline{z}}^{\frac{1}{2}})$ and the South half $(S_{\overline{z}}^{\frac{1}{2}})$ of the North half $(N_{\overline{z}}^{\frac{1}{2}})$ of the Southwest quarter $(SW_{\overline{z}}^{\frac{1}{2}})$ of Section Fourteen (14) and the East half $(E_{\overline{z}}^{\frac{1}{2}})$ of the Northwest quarter $(NW_{\overline{z}}^{\frac{1}{2}})$ of Section Twenty-three (23) all in township Twenty-two (22) South of Range Six (6) West of Willamette Meridian in Douglas County, Oregon, containing two hundred (200) acres, more or less.



SURFACE WATER REGISTRATION CHECKLIST

(received after July 18, 1990)

CHECK BASIN MAP JEX NAME UNDOWN # W UNADJUDICATED AREA ? VES
RECEIPT # 95812 S W R NUMBER 449
CHECK ENCLOSURES PRELIMINARY DATA BASE ENTRY
ACKNOWLEDGEMENT LETTER ENTER ON STREAM INDEX
CHECK QUADRANGLE MAP CHECK GLO PLATS
WATERMASTER CHECKLIST PUBLIC NOTICE PUBLICATION W
blanks filled in signed date received stamped MAP REVIEW Source and trib diversion point location conveyances (pipes, ditch, etc.) place of use scale township, range, section north arrow CWRE stamp disclaimer date survey was performed P.O.B. of survey dimensions and capacity of diversion system "beneficial use" type title "permanent-quality" paper
WATER RIGHT RECORD CHECK FIELD INSPECTION
FINAL FILE REVIEW FINAL DATA BASE ENTRY
ENTER ON PLAT CARDS

C:\WP51\SWR\CHCKLIST.1

7-30-92



WATER
RESOURCES
DEPARTMENT

May 27, 1993

INEZ ADAMS LIVING TRUST 2980 SOUTH ELK CREEK ROAD DRAIN OR 97435

Dear SIRS/MADAMS,

This will acknowledge that your CWRE map to accompany your Surface Water Registration Statement in the name of INEZ ADAMS LIVING TRUST has been received by our office. Your registration statement has been numbered SWR-449.

Our office will review your form and map in the near future. If necessary we will schedule a meeting with you that will include a site inspection. If there are problems with your form we are usually able to take care of them during our visit. We will be able to answer any questions you might have about the adjudication process at that time.

Please feel free to contact this office if you have any questions.

Sincerely,

Dwight French

Adjudication Section

Enclosure

J;\WP51\SWR\CLAIMANT\4\SWR-0449,001



JAMES F. GOSSON Consulting Engineer

CIVIL ENGINEER LAND SURVEYOR WATER RIGHTS EXAMINER

(503) 459-2243

RECEIVED

APR 19 1993

WATER ALOUGH SES DEPT. SALEM, OREGON

April 15, 1993

Oregon Water Resources Department 3850 Portland Road, N.E. Salem, Oregon 97310

Attention: Don Knauer

Re: SWR-449 (Adams)

Dear Don,

I have compelted the field survey and am approximately 80% completed with the mapping, description, and capacity calculations.

I expect to be finished by May 1st and have it in the mail to the Adams.

Very truly yours,

James F. Gosson

JFG/p



WATER
RESOURCES
DEPARTMENT

April 7, 1993

JAMES GOSSON 580 S STATE STREET SUTHERLIN OR 97479

RE: Surface Water Registration Map

Dear JIM,

INA INEZ ADAMS has indicated to the Oregon Water Resources Department (WRD) that you have been hired to prepare the claim of beneficial use map for their Surface Water Registration Statement. Would you please inform me of your anticipated schedule of map preparation and submission to the WRD.

Please mark all correspondence related to this claim with the file number SWR-449.

Sincerely,

Don Knauer

Adjudication Specialist

J:\WP51\SWR\CLAIMANT\4\SWR-0449.002





April 7, 1993

W A T E R
R E S O U R C E S
D E P A R T M E N T

INA INEZ ADAMS LIVING TRUST 2980 S ELK CREEK ROAD DRAIN OR 97435

Dear MS ADAMS,

This will acknowledge that your Surface Water Registration Statement in the name of INA INEZ ADAMS LIVING TRUST has been received by our office. The fees in the amount of \$400.00 have been received and our receipt #95812 is enclosed. Your registration statement has been numbered SWR-449.

Our office will review your form and map in the near future. If necessary we will schedule a meeting with you that will include a site inspection. If there are problems with your form we are usually able to take care of them during our visit. We will be able to answer any questions you might have about the adjudication process at that time.

Please feel free to contact this office if you have any questions.

Sincerely,

Don Knauer

Adjudication Specialist

Enclosure

J:\WP51\SWR\CLAIMANT\4\SWR-0449.001



STATE OF OREGON

RECEIPT # 95812 VTER RESOURCES DEPARTMENT 3850 PORTLAND ROAD NE

SALEM, OR 97310 378-8455/378-8130 (FAX)

ECEIVED FROM: They Adams			APPLICATION	
			PERMIT	
			TRANSFER	
H: CH	HECK: # OTHER: (IDENTIFY)		THE THE SEL	THE RESERVE THE
	X94.407		TOTAL REC'D	5400 M
01-00-0	WRD MISC CASH ACCT			
842.010	ADJUDICATIONS			5 4/80 U
831.087	PUBLICATIONS/MAPS			s
830.650	PARKING FEES Name/month		\$	
050.050	OTHER: (IDENTIFY)			s
DEDUIG				
REDUC	TION OF EXPENSE	CASH AG	CCT.	
CO	ST CENTER AND OBJECT CLASS	VOUCHE	ER#	\$
03-00-0	WRD OPERATING ACCT			100 - 00 - 00 - 00 - 00 - 00 - 00 - 00
	MISCELLANEOUS:			
840.001	COPY FEES			\$
850.200	RESEARCH FEES			S
880.109	MISC REVENUE: (IDENTIFY)			\$
520.000	OTHER (P-6): (IDENTIFY)			\$
	WATER RIGHTS:	EXAM FEE		RECORD FEE
842.001	SURFACE WATER	s	842.002	\$
842.003	GROUND WATER	s	842.004	\$
842.005	TRANSFER	\$	842.006	\$
	WELL CONSTRUCTION	EXAM FEE	1	LICENSE FEE
842.022	WELL DRILL CONSTRUCTOR	\$	842.023	\$
842.016	WELL DRILL OPERATOR	\$	842.019	S
	LANDOWNER'S PERMIT		842.024	\$
06-00-0	WELL CONST START FE	E		
842.013	WELL CONST START FEE	s	CARD #	
	MONITORING WELLS	\$	CARD #	
45-00-0	LOTTERY PROCEEDS			
864.000	LOTTERY PROCEEDS			S
07-00-0	HYDRO ACTIVITY	LIC NUMBER		
842.011	POWER LICENSE FEE(FW/WRD)			\$
842.115	HYDRO LICENSE FEE(FW/WRD)			s
	HYDRO APPLICATION			s

95812 DATED: 12-31-92 BY: DK1 RECEIPT # Distribution-White Copy-Customer, Yellow Copy-Fiscal, Blue Copy-File, Buff Copy-Fiscal