

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 29-7504

Priority: September 20, 1979 Amount: 3.25 CFS 672.7 AFA

This is to certify, that PENICK & FORD, LTD.

P.O. BOX 1529

VANCOUVER, WA 98668-1529

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated July 26, 1979, and has submitted proof to the Department of Water Resources on September 26, 1984, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 3.25 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Industrial	01/01 to 12/31	3.23 cfs	672.1 afa
Domestic	01/01 to 12/31	.02 cfs	.6 afa
Totals		3.25 CFS	672.7 AFA

LOCATION OF POINT OF DIVERSION(S): SESW, Sec. 16, Township 6S, Range 34E
Bannock County

PLACE OF USE: Industrial

TWN RGE SEC

6S 34E 16 SESW

PLACE OF USE: Domestic, same as Industrial use

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Return water shall be treated to insure that the effluent meets Idaho water quality standards.
5. 5 points of diversion located in SESW, S16, T6S, R34E.
6. Domestic use is for employees at malting & distilling plant.
7. Industrial use is for Great Western Malting Co.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 4th day of February, 1988.

Director

880121

***** Eastern Region Microfiche 9/20/2001
***** BAC
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PAGE 2

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 29-7504

FOR DEPARTMENT USE ONLY

Preliminary check by kw Fee = \$20.00 ✓ Received by ag Date 12-28-87 # 48217

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I. R. Keith Higginson of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 29-7504 with the following;

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
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4. Return water shall be treated to insure that the effluent meets Idaho water quality standards.
5. 5 points of diversion located in SESW, S16, T6S, R34E.
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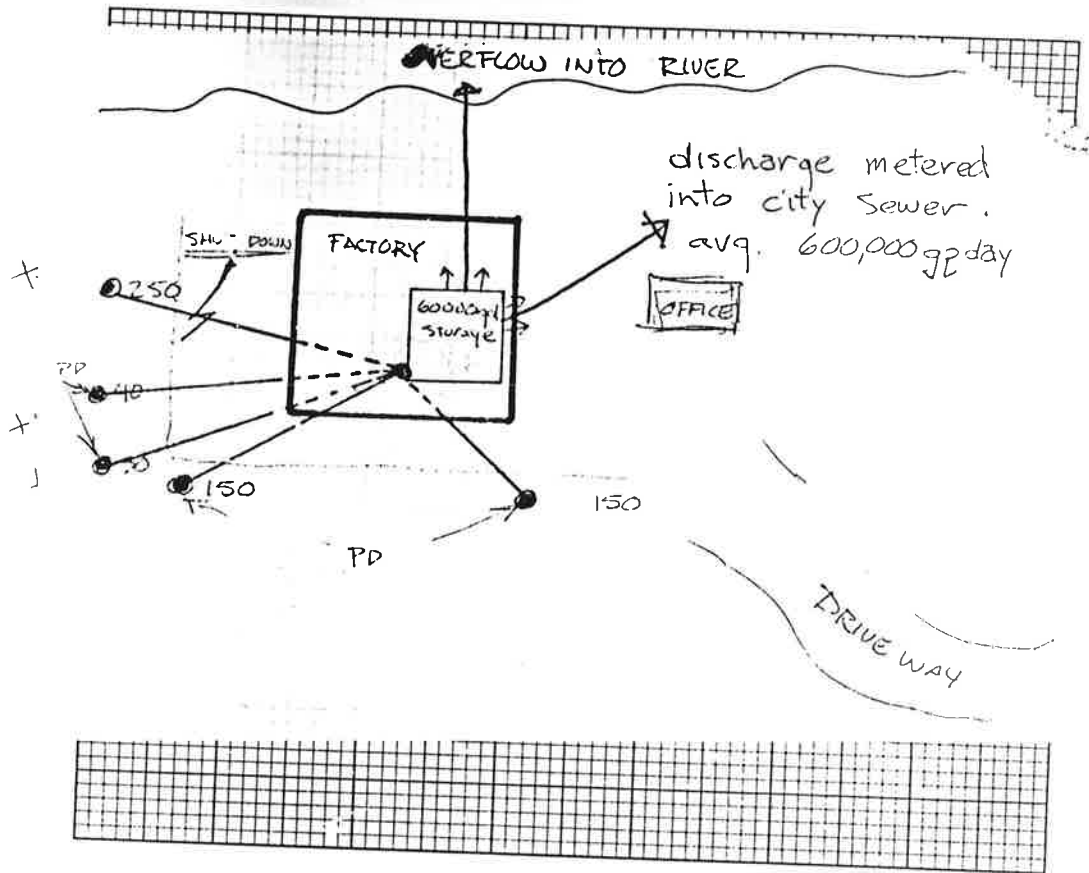
Witness my hand this 4th day of February, 19 88.

I. R. Keith Higginson
(Director)

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10. Other water rights on these lands NA
11. Other water right diverted from same p.d. NA
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☒ Photo of Diversion & System Attached

☒ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

14. Remarks 10' x 10' x 2.45
Actual amt. used in processing was 0.93 cfs, the rest of the water was considered overflow

15. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
- ☐ Add P.U. as reflected above

☒ None

☐ Other

16. Examiner's/Consultant's Signature [Signature] Date 7-17-1986

Consultant's License Number _____

IDWR Director's Authorization to Conduct

Beneficial Use Examination _____ Date _____

CONSULTANT SEAL

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(MICHAUD CREEK)
 2001 SE

Mapped, edited, and published by the Geological Survey
 Cont of by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1969. Field checked 1971
 Projection and 10,000-foot grid ticks: Idaho coordinate
 system, east zone (transverse Mercator)
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue. 1927 North American datum
 Red tint indicates areas in which only landmark buildings are shown
 Fine red dashed lines indicate selected fence lines

UTM GRID AND 1983 MAGN
 DECLINATION AT CENTER

STATE OF OHIO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Penick & Ford Ltd. now DBA

MAR 27 1987

R_T - Exam

1. Owner: Great Western Malting Co. Department of Water Resources Permit No. 27-1804 Phone No. (206) 478-3661
(206) 234-1269

Current Address: P.O. Box 1529 Vancouver WA 98668

2. Accompanied by: In Thompson + Dave Kollar EXAM. DATE: 3-19-87
Address: _____ Phone No. _____

Relationship to Permit Holder: Employees Phone No. _____

3. Source: Groundwater tributary to _____

3. Source: Groundwater tributary to Impresso

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
5 wells which supply 60,000 gallon storage tank and an Air Wash system. The air wash is for heating & cooling and can be run as a flow thru system or as a closed loop system. Design capacity was for 360 gpm but the well capacity was only 3.25 cfs. Three units were built and installed. They are used when process temp need to be maintained or modified. This Air wash system does not normally ^{Flow} ~~connect~~ to City Sewer & is not recorded by flow chart. Over flow is to River.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

7. Measurements "See Remarks" ☐ Additional data/computation sheets attached

Average use of Process water remains 600,000 gpd - Air wash system has capacity to use all water pumps are capable of (3.25 cfs) Air wash units (3 total) have 350 Nozzles for each unit with 33/64 orifice rated at 8.5 gpm/nozzle at 20 psi.

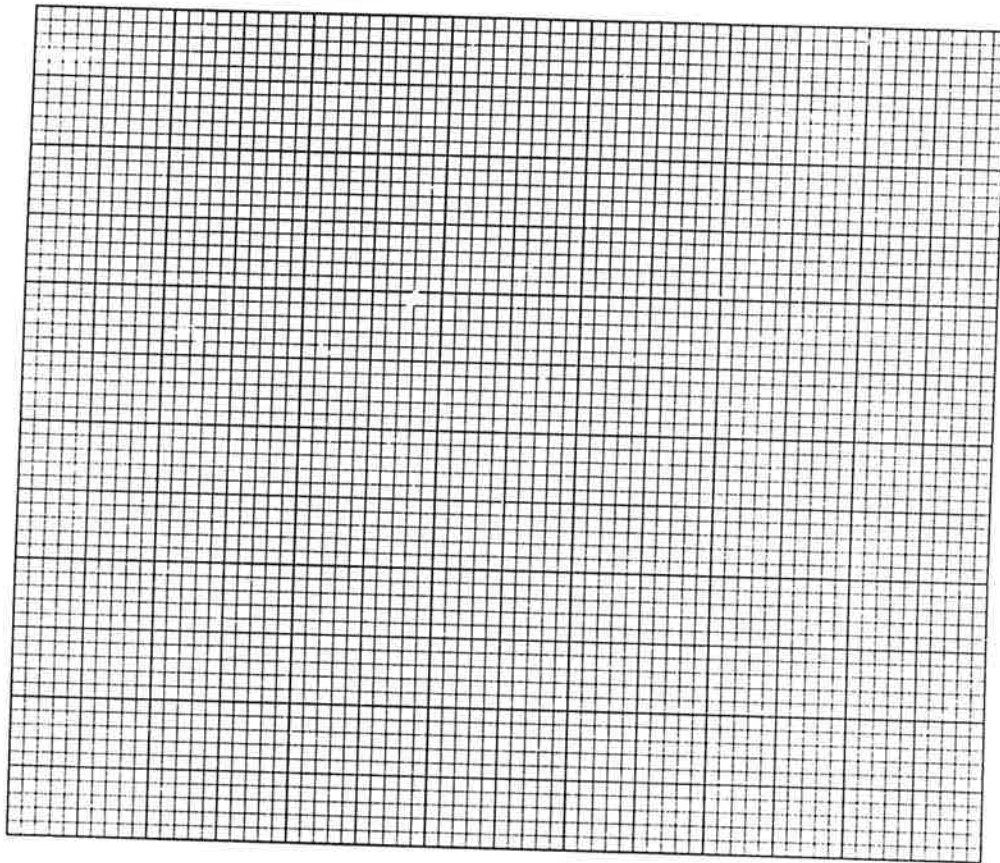
8. Point(s) of Diversion: Indicate Method of Determination

[illegible]

- | | | |
|----|------------------|---|
| 9. | Place(s) of Use: | Irrigation - give acres served by system at time of exam.
Indicate Method of Determination |
|----|------------------|---|

[illegible]

10. Other water rights on these lands _____
11. Other water right diverted from same p.d. _____
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



**

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 **

13. ☒ Photo of Diversion & System Attached

☐ Aerial Photo of Place of Use Attached
or Map of Irrigated Acreage Attached

14. Remarks This re-exam done to establish if another water use existed other than the process demands shown to be 600,000 gpd. With addition of Air Wash System there exists the ability to use 3.25 cfs when needed. Since this need or demand can't be quantified by number of days I recommend the afa reflect the 600,000 gpd, or 672.1 afa

15. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
- ☐ Add P.U. as reflected above

- ☐ None
- ☐ Other

16. Examiner's/Consultant's Signature

Consultant's License Number _____

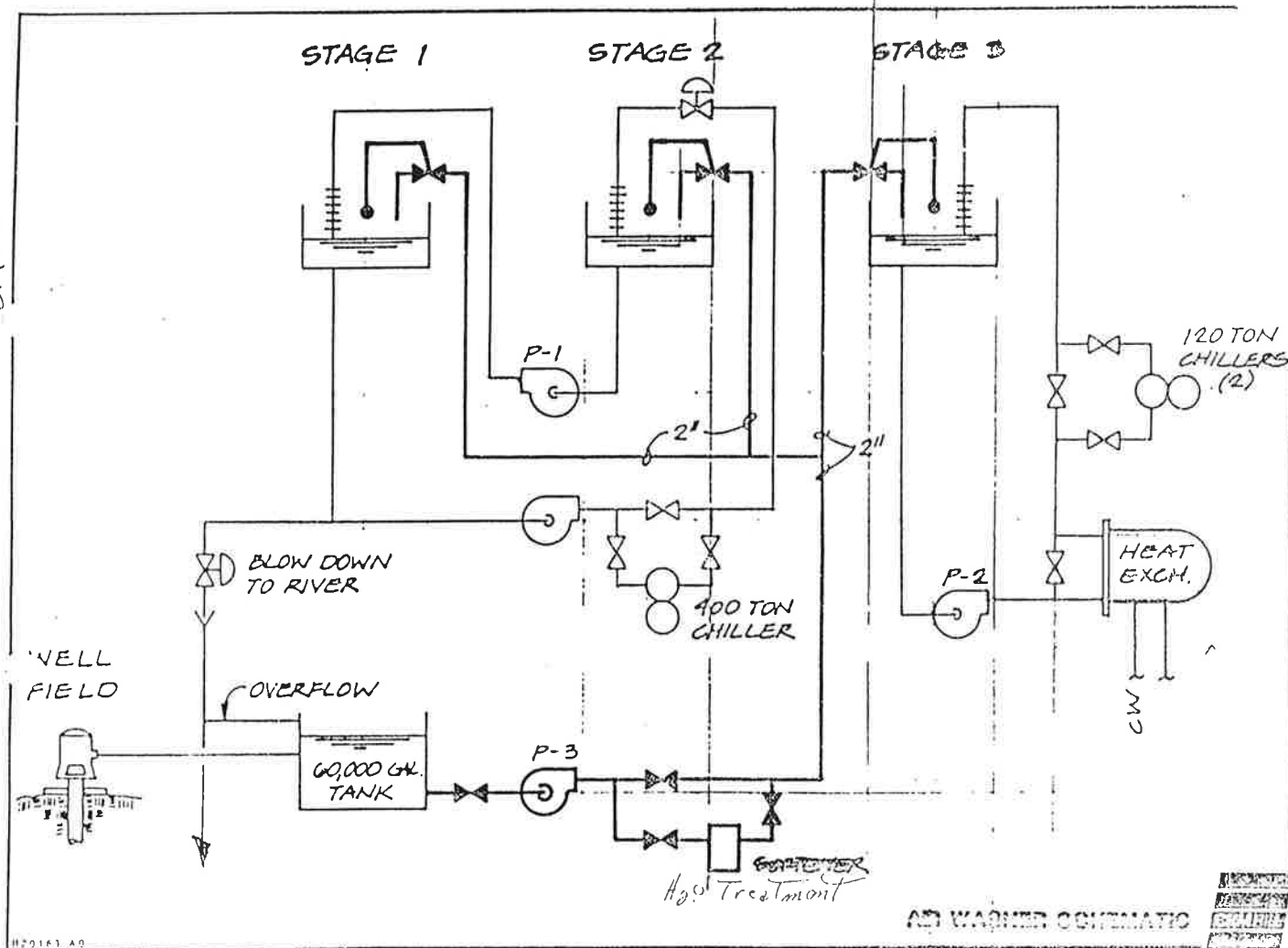
IDWR Director's Authorization to Conduct

Beneficial Use Examination _____

Date _____

CONSULTANT SEAL

29-7504



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CONVERSATION MEMORANDUM

DATE 4-8-87FILE 29-7504(Skip)
NAME OF PARTY Harold Jones - examiner
EMPLOYEE Ray WalkerRE: Re-exam of permit

When Skip went out and made the re-examination of this system he found that Penick & Ford have not established a "regular" schedule for their processing of malt. They are still in the "trial & see" stage. Some days they shut off one or more of the wells, some days they don't shut any of them down.

Skip could not get the right holders to commit themselves to a limited number of days they divert water - they ~~also~~ divert when the water is needed for processing. This is the reason for allowing a volume amt. based on 600,000 gallons per day - 365 days a year.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT
RECEIVED
MAR 27 1987
SEP 19 1986

29-7504
Permit No.

1. Measurement Calculations Department of Water Resources
a) Field Measurement Calculations (Include theoretical capacities and system capacity)

THEORETICAL SYSTEM CAPACITY

Pump/dw. #

A $\Rightarrow \frac{150 \text{ hp} \times 8.84 \times 814}{485 \text{ ft} \times 2.31 \times 20 \text{ psi}} \Rightarrow 1.99 \text{ cfs}$

E $\Rightarrow \text{"SAME"} \Rightarrow 1.99 \text{ cfs}$

B $\Rightarrow \frac{30 \text{ hp} \times 8.84 \times 814}{300 \text{ ft} \times 2.31 \times 20 \text{ psi}} \Rightarrow 0.61 \text{ cfs}$

C $\Rightarrow \frac{40 \text{ hp} \times 8.84 \times 814}{300 \text{ ft} \times 2.31 \times 20 \text{ psi}} \Rightarrow 0.82 \text{ cfs}$

b) Volume Calculations for Irrigation:

$V_{ir} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement})$
 $V_{dr} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$
 $V = \text{Smaller of } V_{ir} \text{ and } V_{dr} =$

TOTAL DISPLACEMENT 5.41
SYS. CAP. NA
CFS

c) Volume Calculations for Other Uses:

① SONIC METER READING / 11 1/2" pipe $\Rightarrow 1458 \text{ gpm} \times 0.00223 \Rightarrow 3.25 \text{ cfs}$
 (diverted flow) $\xrightarrow{\text{actual into storage}} \text{CAPACITY}$

② CITY METER $600,000 \text{ gpd} \Rightarrow \frac{600,000}{24 \text{ hrs} \times 60 \text{ min}} \Rightarrow 416.66 \text{ gpm}$
 (production discharge) $\xrightarrow{\text{production discharge}} \text{OR } 0.929 \text{ cfs}$

$V_i = \frac{600,000 \times 500 \text{ days}}{325,850} = 5.524 \times 10^2$

2. Overlap Review

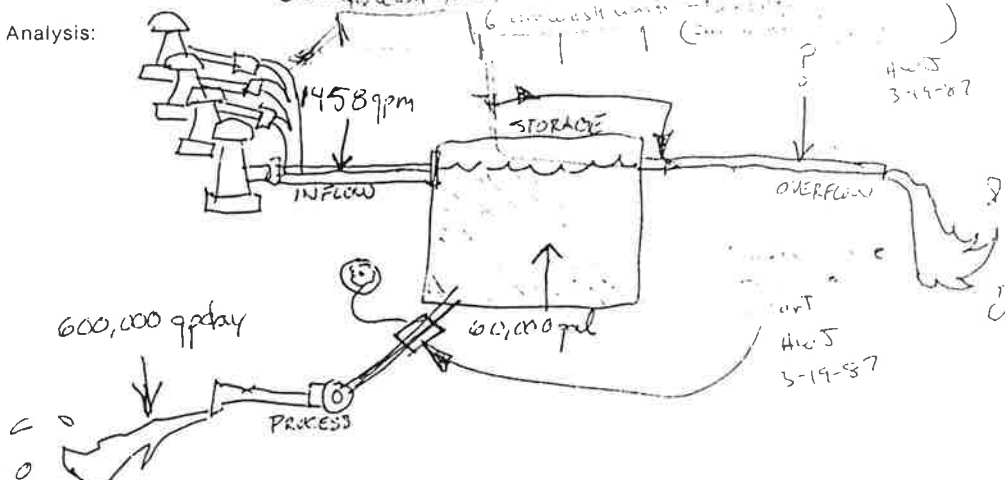
a) Other water rights with same place of use: NA

$V_2 = 0.93 \times 1.9835 \times 365 = 673.3 \text{ AFA}$
 $= 3.25 \times 1.9835 \times 365 = 2352.9 \text{ AFA}$

b) Other water rights with same point of diversion: NA

$V_1 = \frac{600,000 \times 365}{325,850} = 672.1 \text{ AFA}$

c) Analysis:



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fee paid \$175.00

for 3.34 cfs - RECOMMENDED AMOUNTS

30 day

(late proof) 3.25 cfs

Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
29-7504	9-20-1979	3.25 cfs	7-26-1979	9-26-1984	3.25 cfs

4. Permit Holder: Penick and Ford, Ltd.

Address: P.O. Box 1529, Vancouver, WA 98668

5. Source: g.w. tributary to

6. Beneficial Use

	Period of Use	Rate of Diversion	Annual Volume
	From	To	Q (cfs)
INDUSTRIAL ✓	1/1 ✓	12/31 ✓	3.23 cfs
DOMESTIC ✓	1/1 ✓	12/31 ✓	0.02 cfs

672.7 AF
553.0 AF

Allowable Maximums:

Allow 3.25 cfs
3.25 cfs

7. Point(s) of Diversion:

No.	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County
(5 points)		SE	SW		16	65	34E	Bannock

8. Place(s) of Use

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1, 4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
65	34E	16														X			

Total Acres

9. Recommended Conditions/Remarks:

Domestic water is for employees at malting & distilling plant.

R09

Industrial use is for Great Western Malting Co. E.
use in making beer.

10. Recommended Amendments

☐ Change P.D. as reflected above ☒ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

11. Examiner's Signature D. Vince Gail

Date 7-21-86

Checked in Regional Office by H. Jones

Date 7-30-86

Approved in State Office by K. Walker

Date 10/29/86

KW 4/8/87

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CONVERSATION MEMORANDUM

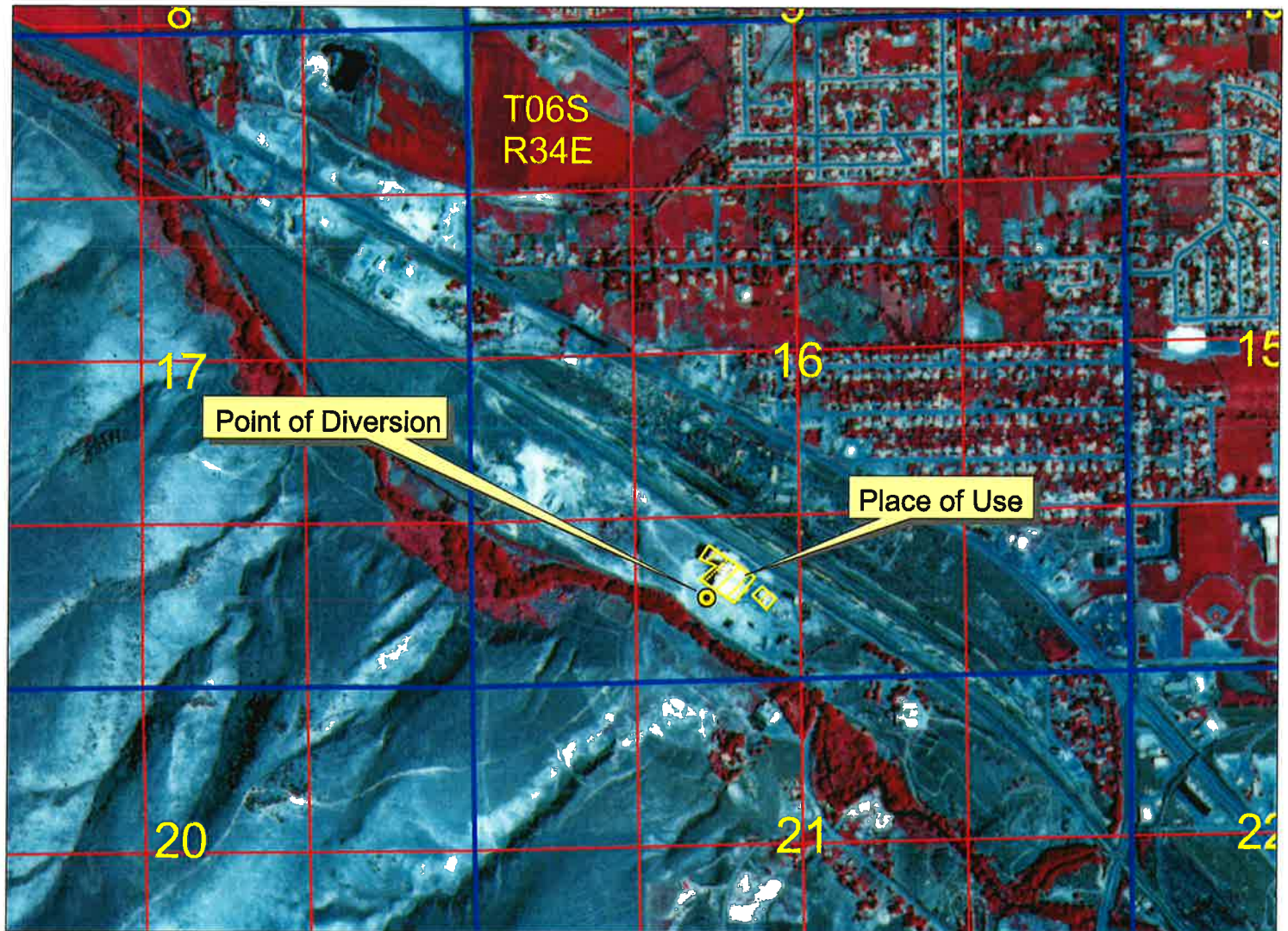
DATE November 18, 1987FILE 29-7504NAME OF PARTY Harold "Skip" JonesEMPLOYEE Gary Spackman

RE: Field examination for licensing
Skip informed me that the malting
plant operates 365 days per year, and
they are billed by the City of Pocatello
for processing 600,000 gal/day of sewage.
The volume calculated using 600,000
gal/day for 365 days, or 671.2 ac-ft/yr,
is reasonable.

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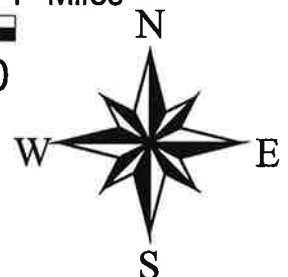


State of Idaho
Department of Water Resources
Eastern Region
Water Right 29-7504



0.5 0 0.5 1 Miles

1:16000



- Point(s) of Diversion
- ▨ Place of Use
- ▭ Section Lines
- ▭ Quarter Quarter Lines

PROFILED
NAT 04 2005

GIS Place of Use Illustration
1987/1988 NAPP Photography
Prepared by: P. Meyer
Date: February 2002

MAY 14 2001

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

RECEIVED

Ident. Number: A29-07504

Date Received: 4/06/1990

Receipt No: E012962

Received By: Dms

APR 9 1990

Department of Water Resources
Eastern District Office

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: GREAT WESTERN MALTING 208-234-1260
Address: 1666 KRAFT AND REFINERY ROAD
POCATELLO, ID 83402

2. Date of Priority: SEP 20, 1979

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
06S	34E	16	SE	SW			BANNOCK

5. Description of diverting works:
WELL AND PUMP TO A DISTRIBUTION SYSTEM

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
INDUSTRIAL	01/01	12/31	3.230		
DOMESTIC	01/01	12/31	0.020		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
DOMESTIC, RESTROOMS; INDUSTRIAL, USE IN THE MALTING PLANT.

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06S	34E	16	SE	SW		INDUST	
			SE	SW		DOMEST	

A29-07504

Page 1

Date: 04/06/90

A2907504



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NOV 13 1992

11. Place of use in counties: BANNOCK

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:

5 points of diversion located in SESW, S16, T6S, R34E.
Domestic use is for employees at malting & distilling plant.
Industrial use is for Great Western Malting Co.

15. Basis of Claim: LICENSE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ☐ do not ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am Plant Manager of
Great Western Malting Co., that I have signed the foregoing
document in the space below as Plant Manager of
Great Western Malting Co. and that the statements contained in the
foregoing document are true and correct.

Robert S Funk
Signature of Authorized Agent

Plant Manager Great Western Co
Title and Organization

Robert S Funk
Date

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 6th day

of Apr 19 90

Seal

Betty J. Thompson
Notary Public

Residing at BETTY J. THOMPSON, NOTARY PUBLIC

My Commission Expires RESIDING AT IDAHO FALLS, IDAHO
MY COMMISSION EXPIRES: 6-30-94