

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

2N

2



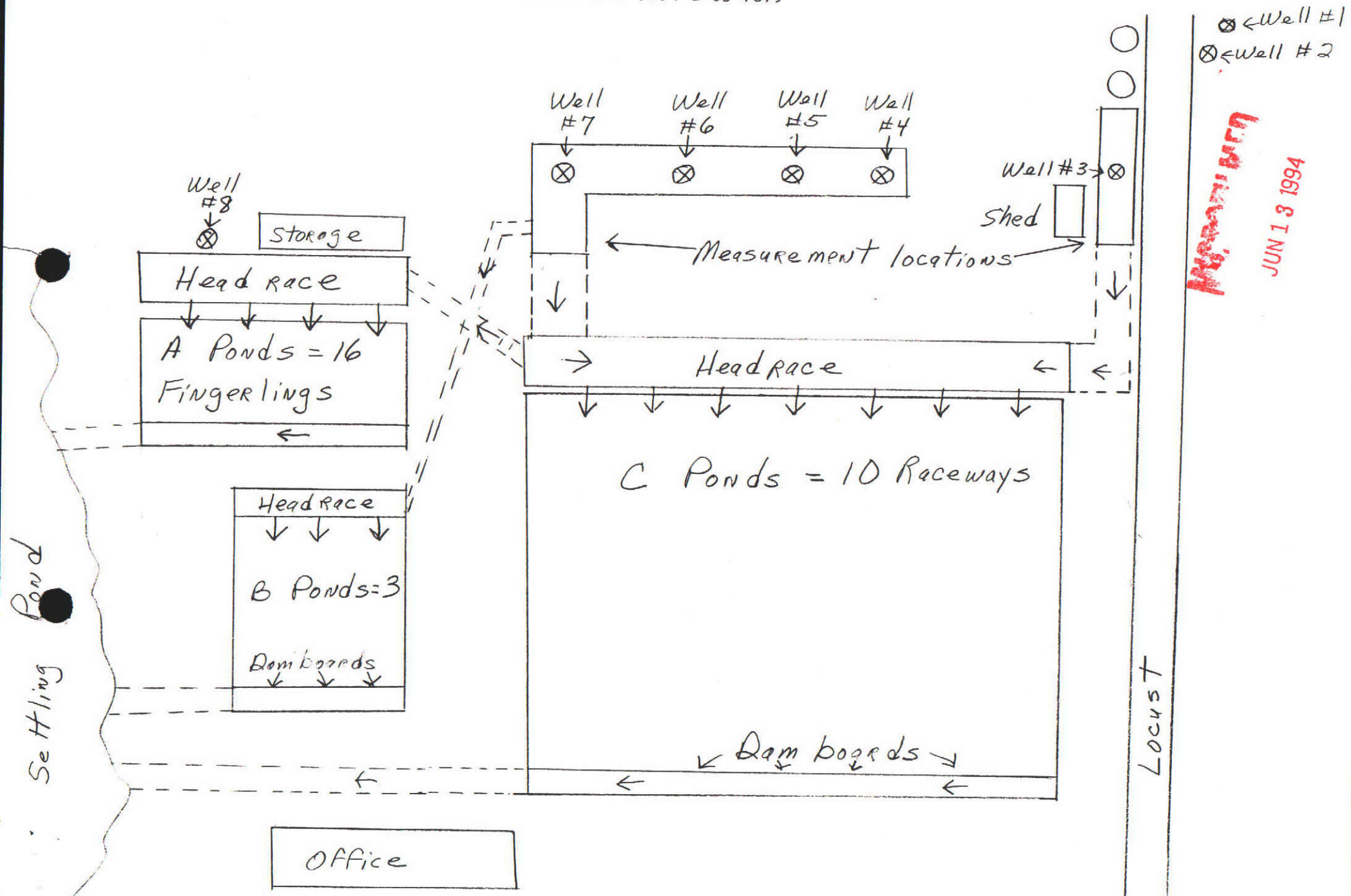
2W

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Eyvind Anderson
(Applicant)

SYSTEM DIAGRAM
IDAHO FISH & GAME DEPT. NAMPA HATCHERY
PERMIT #63-9194 & 63-7879



NWPA HATCHERY
 WATER FLOW MEASUREMENT
 RUBE-GOLDBERG METHOD AT BACK OF RACEWAY
~~3-25-88~~ 6-21-88
 LOWERED HEADRACE

RACEWAY #	AVG HD IN INCHES	CFS	GPM	MGD
C1	2.94	4.44	1993.60	2.87
C2	2.75	4.02	1803.50	2.60
C3	2.56	3.61	1619.86	2.33
C4	2.38	3.24	1452.06	2.09
C5	2.27	3.01	1352.56	1.95
C6	2.75	4.02	1803.50	2.60
C7	0.00	0.00	0.00	0.00
C8	0.00	0.00	0.00	0.00
C9	0.00	0.00	0.00	0.00
C10	0.00	0.00	0.00	0.00
B1	0.00	0.00	0.00	0.00
B2	2.13	2.74	1229.38	1.77
B3	1.94	2.38	1068.61	1.54
B4	0.00	0.00	0.00	0.00
TOTALS		27.46	12323.08	17.74
		1.96	880.22	1.27

127.46
 2.73
 30.19

NWPA HATCHERY
 WATER FLOW MEASUREMENT
 RUBE-GOLDBERG METHOD AT BACK OF RACEWAY
~~3-25-88~~ 6-21-88
 LOWERED HEADRACE

RACEWAY #	AVG HD IN INCHES	CFS	GPM	MGD
A16	1.13	0.48	215.93	0.31
A15	1.21	0.53	239.26	0.34
A14	1.13	0.48	215.93	0.31
A13	1.13	0.48	215.93	0.31
A12	0.00	0.00	0.00	0.00
A11	0.00	0.00	0.00	0.00
A10	0.00	0.00	0.00	0.00
A9	0.00	0.00	0.00	0.00
A8	0.00	0.00	0.00	0.00
A7	0.00	0.00	0.00	0.00
A6	0.00	0.00	0.00	0.00
A5	0.00	0.00	0.00	0.00
A4	1.04	0.42	190.65	0.27
A3	0.88	0.33	147.13	0.21
A2	1.00	0.40	179.76	0.26
A1	0.88	0.33	147.13	0.21
TOTALS		2.73	1224.84	1.76
		0.25	110.84	0.16

JUN 19 1994

POOR QUALITY

NAMPA HATCHERY

WATER FLOW MEASUREMENT

RUBE-GOLDBERG METHOD AT BACK OF RACEWAY

12-14-87

LOWERED HEADRACE

RACEWAY #	AVG HD IN INCHES	CFS	GPM	MGD
01	1.44	1.52	683.38	0.98
02	1.44	1.52	683.38	0.98
03	1.77	2.08	931.27	1.34
04	2.48	3.44	1544.53	2.22
05	2.10	2.68	1203.50	1.73
06	2.06	2.61	1169.28	1.68
07	0.00	0.00	0.00	0.00
08	0.00	0.00	0.00	0.00
09	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	1.89	2.29	1027.57	1.48
12	0.00	0.00	0.00	0.00
13	1.75	2.04	915.54	1.32
14	0.00	0.00	0.00	0.00

TOTALS		18.18	8158.45	11.74
		1.30	582.75	0.84

-2.66

~~23.11~~
23.11 CFS

NAMPA HATCHERY

WATER FLOW MEASUREMENT

RUBE-GOLDBERG METHOD AT BACK OF RACEWAY

1E-18-87

LOWERED HEADRACE

RACEWAY #	AVG HD IN INCHES	CFS	GPM	MGD
A16	1.21	0.53	238.67	0.34
A15	1.13	0.48	215.93	0.31
A14	1.16	0.50	224.59	0.32
A13	1.13	0.48	215.93	0.31
A12	1.16	0.50	224.59	0.32
A11	1.25	0.56	251.22	0.36
A10	1.16	0.50	224.59	0.32
A9	1.13	0.48	215.93	0.31
A8	0.88	0.33	147.13	0.21
A7	0.75	0.26	116.76	0.17
A6	0.38	0.09	42.11	0.06
A5	0.66	0.21	96.39	0.14
A4	0.00	0.00	0.00	0.00
A3	0.00	0.00	0.00	0.00

TOTALS		4.93	2213.82	3.19
		0.25	118.13	0.17

-227

APPROXIMATE

JUN 13 1994

4.93 CFS
+1.07
-386 CFS

POOR QUALITY

NAMPA HATCHERY
WATER FLOW MEASUREMENT
RUBE-GOLDBERG METHOD AT BACK OF RACEWAY
* 6-29-89
LOWERED HEADRACE

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD
A 1	1.08	0.45	201.76	0.29
A 2	1.17	0.51	227.50	0.33
A 3	1.08	0.45	201.76	0.29
A 4	1.04	0.42	190.65	0.27
A 5	0.92	0.35	158.63	0.23
A 6	1.13	0.48	215.93	0.31
A 7	1.08	0.45	201.76	0.29
A 8	1.17	0.51	227.50	0.33
A 9	1.21	0.53	239.26	0.34
A10	1.21	0.53	239.26	0.34
A11	0.00	0.00	0.00	0.00
A12	0.75	0.26	116.76	0.17
A13	0.75	0.26	116.76	0.17
A14	0.79	0.28	126.22	0.18
A15	0.54	0.16	71.33	0.10
A16	0.79	0.28	126.22	0.18

TOTALS		5.93	2463.74	3.83
		0.42	190.09	0.27

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD
C1	2.96	4.49	2013.98	2.90
C2	2.52	3.53	1582.04	2.28
C3	2.54	3.57	1600.92	2.30
C4	2.80	4.13	1852.91	2.67
C5	2.67	3.84	1725.38	2.48
C6	2.38	3.24	1452.06	2.09
C7	2.08	2.64	1186.35	1.71
C8	0.00	0.00	0.00	0.00
C9	0.00	0.00	0.00	0.00
C10	0.00	0.00	0.00	0.00
B1	1.90	2.31	1035.73	1.49
B2	0.90	0.75	337.66	0.49
B3	2.63	1.88	843.38	1.21
14	0.00	0.00	0.00	0.00

TOTALS		30.37	13630.41	19.62
		2.17	973.60	1.40

Total Flow thru hatchery = 36.30

*
Add ~~Flow~~ Turn Overs/hr
done

REPORT 5000
JUN 13 1994

POOR QUALITY

NAMPA HATCHERY
WATER FLOW MEASUREMENT
RUBE-GOLDBERG METHOD AT BACK OF RACEWAY
~~430-90~~ 430-90
LOWERED HEADRACE

5.6 CFS INCREASE FROM MARCH

* Turnovers/hour based on 425 cu.ft. in "A"s and 3,182 cu.ft. in "B"s

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD
A 1	1.13	0.48	215.93	0.31
A 2	1.17	0.51	227.50	0.33
A 3	1.00	0.40	179.76	0.26
A 4	0.79	0.28	126.22	0.18
A 5	0.75	0.26	116.76	0.17
A 6	0.79	0.28	126.22	0.18
A 7	0.79	0.28	126.22	0.18
A 8	1.04	0.42	190.65	0.27
A 9	1.21	0.53	239.26	0.34
A 10	1.04	0.42	190.65	0.27
A 11	1.04	0.42	190.65	0.27
A 12	0.79	0.28	126.22	0.18
A 13	0.87	0.22	98.58	0.14
A 14	0.88	0.33	148.39	0.21
A 15	0.92	0.35	158.63	0.23
A 16	0.92	0.35	158.63	0.23
TOTALS		5.84	2303.04	3.77
		0.42	187.16	0.27

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD
B 1	2.10	2.68	1203.50	1.73
B 2	2.04	2.57	1152.29	1.66
B 3	1.77	2.08	931.27	1.34
B 4	2.02	2.53	1135.39	1.63
B 5	2.25	2.97	1334.72	1.92
B 6	2.33	3.13	1406.54	2.02
B 7	2.46	3.40	1525.88	2.20
B 8	2.23	2.93	1316.97	1.90
B 9	1.90	2.31	1035.73	1.49
B 10	2.15	2.78	1246.74	1.79
B 11	0.00	0.00	0.00	0.00
B 12	1.67	1.90	853.48	1.23
B 13	1.54	1.68	755.79	1.09
B 14	0.00	0.00	0.00	0.00
TOTALS		30.97	13898.31	20.01
		2.21	992.74	1.43

Total Flow thru hatchery = 36.81

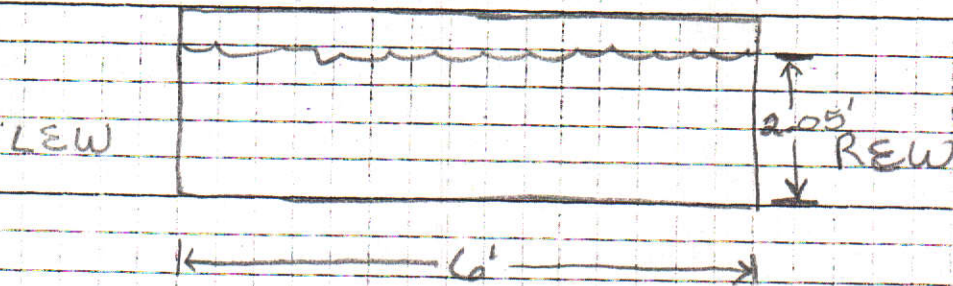
RECEIVED
JUN 13 1994

C. DIAGRAMS

1. Measurement Location

Scale: _____ = _____

← 6" cells all across →



2. Cross-Section of Measurement Location

Scale _____ = _____

↓ Inflow from Wells #1 & #2

⊗ well #3



--- ↓ --- → measure taken

D. SUMMARY INFORMATION

1. Measurement rated _____ excellent ☒ good _____ fair _____ poor

2. Remarks: _____

3. Width: _____ Area: _____ Discharge in cubic feet per second: 16.2

June 4, 1991
DATE

Phil Schultz
SIGNATURE OF PERSON CONDUCTING MEASUREMENT

MEASUREMENT

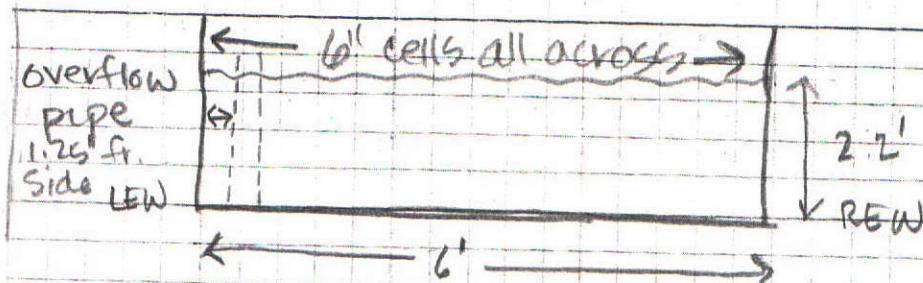
JUN 13 1994

C. DIAGRAMS

1. Measurement Location

Scale: _____ = _____

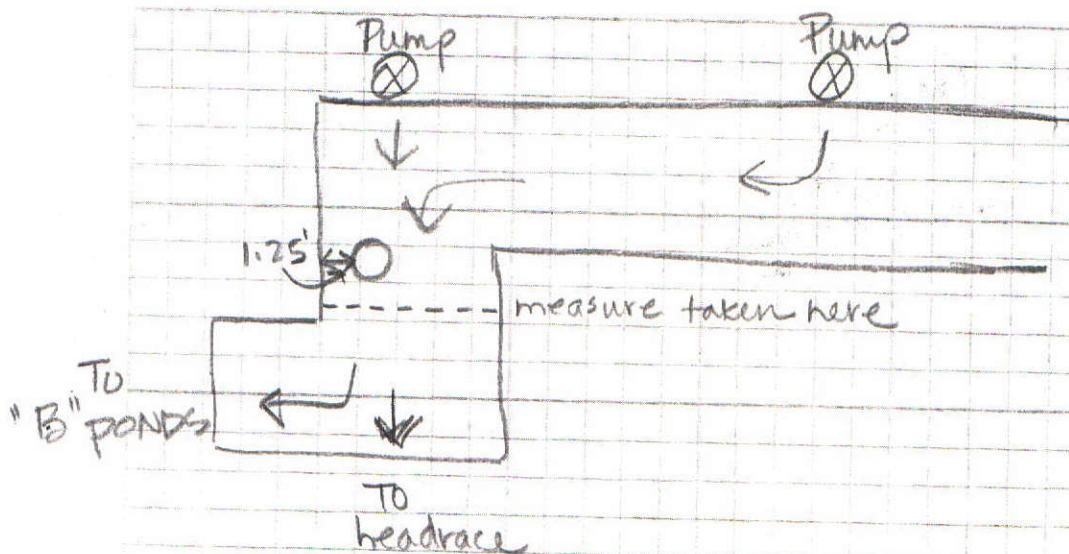
Cross-Section



2. Cross-Section of Measurement Location

Scale _____ = _____

location



D. SUMMARY INFORMATION

1. Measurement rated _____ excellent _____ good _____ fair _____ poor

2. Remarks: _____

3. Width: _____ Area: _____ Discharge in cubic feet per second: _____

DATE

SIGNATURE OF PERSON CONDUCTING MEASUREMENT

JUN 13 1994

JUN 13 1994

To Ponds

May be
Shut down
briefly

FINGERLINGS

Raceways

To Raceways

Towers

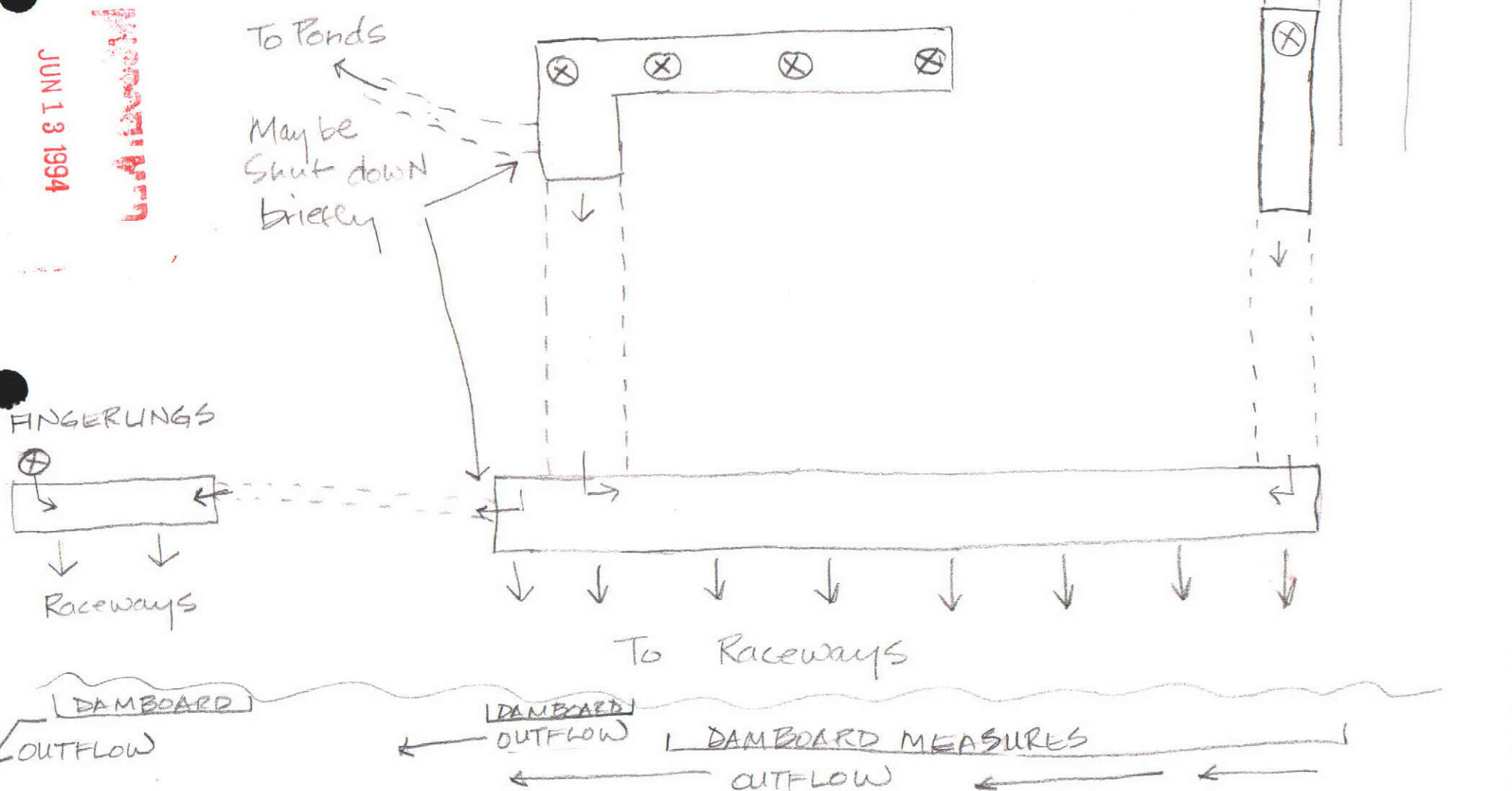
LOCUST

DAMBOARD
OUTFLOW

DAMBOARD
OUTFLOW

DAMBOARD MEASURES

OUTFLOW



#1

Well site #1



#2

Well site #2



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JUN 13 1994



#3

Well site #3



#4

Well site #4

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JUN 18 1994



#5

Well site #5



#6.

Well site #6

NOTIFIED
JUN 13 1994



#7

Well site # 7



#8

Well site # 8
adjacent to
fingerling raceways

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#9.

Collection tanks that receive water from wells #1 & #2 situated in the background of picture between the tanks.



#10

View of hatchery from site of wells #1 & #2

REC-111-7
JUN 13 1994



#11

View of "A" ponds
aka fingerling
raceways looking
Northwest



#12

"B" raceways
to the left and
"C" raceways to
the right looking
East from office

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JUN 13 1994



#13

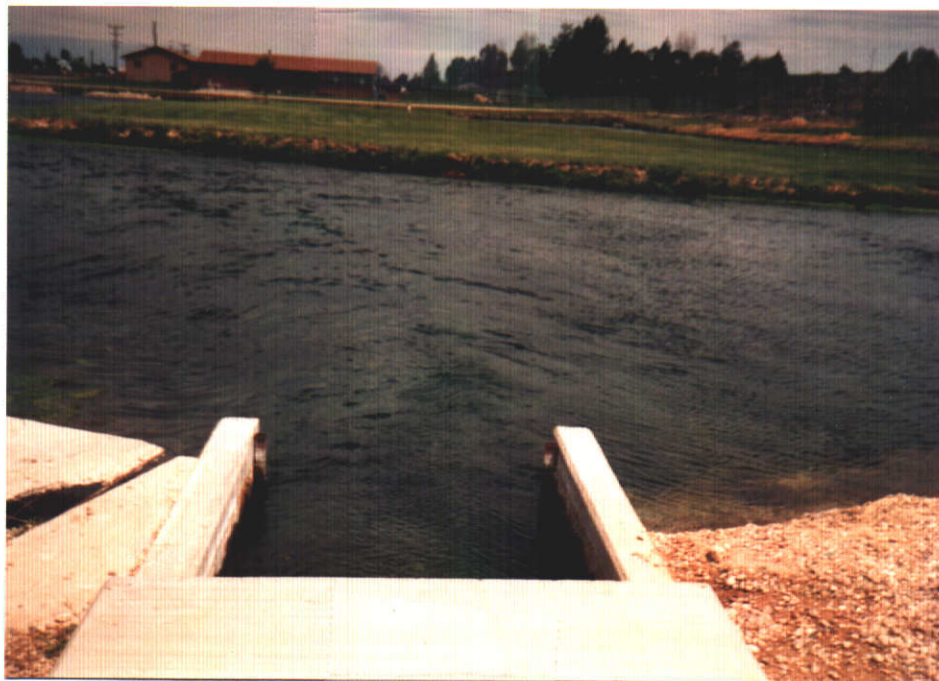
"C" raceways
looking West
toward office



#14

"C" raceways
looking East
from the office

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#15

Site where "C"
raceway overflow
enters settling
pond.



#16.

Site where "B"
raceway overflow
enters settling
pond.

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#17

Site where "A"
raceway (fingering)
overflow enters
settling pond.



#18.

View of settling
pond from office
looking North.

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#19. View of overflow site from settling pond in Northeast corner of pond.

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JUN 18 1994

PERMIT 63-9194 INIT _____
T. R. S. Q/Q
P/D 2N 2W 2 SWSW
SCALE _____
PHOTO ID. _____

P14
~~P10~~ P10 3-8
P/D 1-2

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JUN 13 1994

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
) ss.
County of Canyon)

Susan Wilkerson
of Nampa, Canyon County, Idaho, being first duly
sworn, deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of twenty-one years, and not a party to the above entitled action.

2. That I am the Principal Clerk of the Idaho Free Press and The News-Tribune, a daily, (except Sunday) newspaper published in the City of Nampa and Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Nampa and Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.

3. That the notice, of which the annexed is a printed copy, was published in said newspaper

Two Times

in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:

December 21, 28, 1978

Susan Wilkerson

Subscribed and sworn to before me this

28th day of December

19 78

Janet Smith
Notary Public, Residing at Nampa, Idaho

MY COMMISSION EXPIRES
JULY 12th, 1981

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

63-9193

HOWER, LOYAL L. &/or J. MILDRED
ROUTE 3, BOX 3648, NAMPA, IDAHO 83651

Source: GROUNDWATER

Date Filed: December 11, 1978

Amount: 1.52 CFS

Diversion Point: NWNW Section 18 T2N R1W, CANYON County

Use: IRRIGATION (1.52 CFS) from March 15 to November 15

Place of Use: NENW NWNW Section 18 T2N R1W FOR 76 ACRES

Diversion Means: WELL AND PUMP

63-9194

ANDERSON, BYRON V.

BOX 277, NAMPA, IDAHO 83651

Source: GROUNDWATER

Date Filed: December 8, 1978

Amount: 5.00 CFS

Diversion Point: SWSW Section 2 T2N R2W, CANYON COUNTY

Use: FISH PROP. (5.00 CFS) from January 1 to December 31

Place of Use: SWSW Section 2 T2N R2W

Diversion Means: ARTESIAN WELL

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 92 S. Cole Road, Boise, Idaho 83705 on or before January 8, 1979.

C. STEPHEN ALLRED

Director

December 21, 28, 1978

OK-KK
1-19-79



MICROFILMED

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 63-09194

Priority: December 8, 1978

Maximum Diversion Rate: 5.00 CFS

Maximum Diversion Volume: 3620.0 AF

This is to certify, that STATE OF IDAHO

DEPT OF FISH & GAME

PO BOX 25

BOISE ID 83707

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated December 8, 1978; and has submitted Proof of Beneficial Use on January 5, 1984. An examination indicates that the works have a diversion capacity of 36.190 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FISH PROPAGATION	01/01 to 12/31	5.00 CFS	3620.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 2, Township 02N, Range 02W
NWNW , Sec. 11, Township 02N, Range 02W
CANYON County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

02N 02W 2

SWSW

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Measuring devices of a type approved by this Department shall be maintained at the point of diversion and point of effluent discharge.
6. Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.
7. The issuance of this right in no way grants any right-of-way or easement across the land of another.
8. Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.

JUN 13 1994

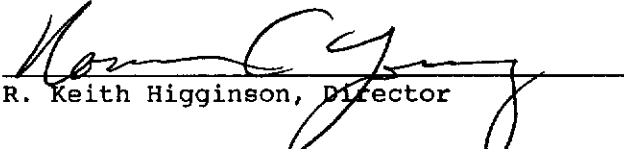
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 63-09194

CONDITIONS/REMARKS:

9. Six points of diversion are located within SWSW, S02, T02N, R02W.
10. Two points of diversion are located within NWNW, S11, T02N, R02W.
11. Right 63-07879 is also diverted through the points of diversion described above.
12. The facility volume is 101,356 cubic feet.

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 9th
day of MAY, 1994.

Acting for 
R. Keith Higginson, Director

JUN 13 1994

APPROVED

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 63-09194

Date of Priority: December 8, 1978

Maximum Diversion Rate: 5.00 CFS
Maximum Diversion Volume: 3620.0 AF

Comes now STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the
State of Idaho No. 63-09194, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FISH PROPAGATION	01/01 to 12/31	5.00 CFS	3620.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 2, Township 02N, Range 02W
NWNW , Sec. 11, Township 02N, Range 02W
CANYON County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

02N 02W 2 SWSW

RECEIVED

JUN 13 1994

Permit holder asserts that no one will be injured by such change and that such change
will be made at permit holder's own risk.

Signed at Boise, this 29th day of April, 1994.

Cynthia Robertson Staff Biologist
(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 63-09194

FOR DEPARTMENT USE ONLY

Preliminary check by RL Fee = 20⁰⁰ Receipted by RL # C030147 Date 4-25-94 ✓

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. 63-09194 with the following;

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Measuring devices of a type approved by this Department shall be maintained at the point of diversion and point of effluent discharge.
6. Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.
7. The issuance of this right in no way grants any right-of-way or easement across the land of another.
8. Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.
9. Six points of diversion are located within SWSW, S02, T02N, R02W.
10. Two points of diversion are located within NWNW, S11, T02N, R02W.
11. Right 63-07879 is also diverted through the points of diversion described above.
12. The facility volume is 101,356 cubic feet.

Witness my hand this 9th day of MAY, 1994.

Acting for

R. Keith Higginson, Director

1994

4/86

DEC 22 1987

DEC 23 1987

Department of Water Resources
STATE OF IDAHO
Regional Office

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only

Fee Received 200.00

Date 12/28/87

Receipt # 46045

Receipt by SR

Sent to S.O. 1/1/88

KEYPUNCHED
RECEIVED
JAN 13 1988

1. Permit No. 63-9194

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: State of Idaho, Department of Fish and Game

3. Post Office Address: P. O. Box 25, Boise, ID 83707

Telephone No. 334-3730

4. Source of Water: Groundwater

5. Extent of Use:

Domestic (No. of households) Stockwater (No. and type of stock)

Irrigation (acres) Other/Remark Fish propagation

6. Total rate &/or volume for which proof is submitted 5.00 cfs acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

January 24, 1983

8. Person to contact to accompany the department representative during the field examination:

Lee J. Van De Bogart -- Idaho Department of Fish and Game

(Name)

P. O. Box 25, Boise, ID 83707

(Address)

334-3730

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

December 15, 1987

Date

Lee J. Van De Bogart Fish & Game Engineer
Signature of Permit Holder (and title, if appropriate)

JUN 13 1994

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.

WATER RIGHT SPLIT

SUMMARY

ACTION	RIGHT NO.	NAME	AMOUNT CFS
Original	63-9194	Anderson, Byron V.	5.0
Full Assignment	63-9194	Rainbow Farms, Inc.	5.0
Full Assignment	63-9194	State of Idaho, Dept. of Fish & Game	5.0

(Optional)

Recorded ☐
Microfilmed ☐
Indexed ☐

Platted ☐
Deed Card ☐
Compared ☐

Key Punched ☐
Master File ☐
Abstracted ☐

To Treasurer ☐

(DO NOT WRITE ABOVE THIS LINE)

INSTRUMENT NO 943949 WARRANTY DEED
(CORPORATE FORM)

RAINBOW FARMS, INC., an Idaho Corporation

organized and existing under the laws of the State of Idaho, with its principal office at Nampa, Idaho, a corporation
of County of Canyon, State of Idaho,
grantor, hereby CONVEYS or GRANTS and WARRANTS TO

THE STATE OF IDAHO, Idaho Department of Fish and Game at 600 South Walnut, Boise, Idaho

of GOOD AND VALUABLE CONSIDERATION grantee
for the sum of

the following described tract(s) of land in CANYON DOLLARS,
State of Idaho: County,

A portion of the Southwest Quarter of the Southwest Quarter of Section 2, Township 2 North, Range 2 West B.M. described as commencing at the Southwest Corner of said Southwest Quarter of Section 2, Township 2 North, Range 2 West B.M., thence East along the South line of said Section to the center of the drain ditch as now located; thence Northwesterly along the center of said drain ditch a distance of 22 rods; thence East from the center of said drain ditch, as now located, a distance of 22 feet; thence Northwesterly and parallel with said drain ditch to a point 100 feet from the North boundary line of said Southwest Quarter of the Southwest Quarter of Section 2, Township 2 North, Range 2 West B.M., thence West to the West line of said Southwest Quarter of the Southwest Quarter; thence South along the West boundary line of said Southwest Quarter of the Southwest Quarter to the point of beginning, being approximately 13.75 acres. (continued see attached addendum.)

The officers who sign this deed hereby certify that this deed and the transfer represented thereby was duly authorized under a resolution duly adopted by the board of directors of the grantor at a lawful meeting duly held and attended by a quorum.

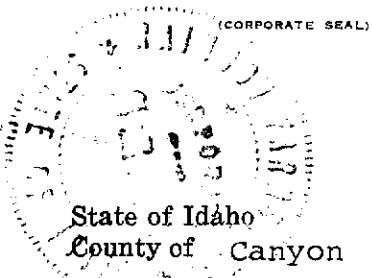
In witness whereof, the grantor has caused its corporate name and seal to be hereunto affixed by its duly authorized officers this 7th day of April, A. D. 1982

RAINBOW FARMS INC.

(CORPORATE NAME)

By Byron V. Anderson
PRESIDENT

Attest: _____
SECRETARY



State of Idaho
County of Canyon ss.

On the 7th day of April, A. D. 1982,
personally appeared before me Byron V. Anderson and
who being by me duly sworn did say, each for himself, that he, the said Byron V. Anderson
is the president, and he, the said is the secretary
of RAINBOW FARMS INC., a corporation, and that the within
foregoing instrument was signed in behalf of said corporation by authority of a resolution of its board
of directors and said and
each duly acknowledged to me that said corporation executed the same and that the seal affixed is the
seal of said corporation.



Byron V. Anderson
(NOTARY PUBLIC)
My residence is Boise
My commission expires 2-10-83

MAIL DEED TO:	MAIL TAX NOTICE TO:
_____	Name _____
_____	Address _____
_____	City & State _____ Zip _____

CORPORATE WARRANTY DEED
ADDENDUM

In cluding all rights of the Grantor to that certain license agreement, dated the 18th day of December, 1973, by and between Byron V. Anderson and Sonja J. Anderson and the Nampa and Meridian Irrigation District, for the nonconsumptive use of certain water from the District's Patterson Wells and of certain physical facilities owned by said district, which said license agreement was assigned by the said Byron V. Anderson and Sonja J. Anderson to the Grantor herein.

Together with all water rights appurtenant to said land of whatsoever nature including, but not limited to rights initiated under application #63-7879 and #63-9194, to the Idaho Department of Water Resources, or any agency predecessor in function, for rights to the use of ground water underlying said real property described herein.

Subject to U.S. Patent Restrictions, rights, easements of record, or easements visible upon the premises. Subject to the following exceptions:

Liens and assessments of the Nampa-Meridian Irrigation District, and the rights, powers and easements of said district as by law provided; no search made.

Terms and conditions of Contracts between United States of America and the Nampa-Meridian Irrigation District; and said district and individual owners pertaining to water rights for irrigation.

Right-of-way for roads, ditches, canals, and laterals.

Any loss arising from the location of the drain ditch along the Easterly boundary line of property.

Power Line Easement as granted by ELMER E. STEWART and MABEL A. STEWART, his wife, to IDAHO POWER COMPANY, a corporation, recorded 25 FEBRUARY, 1950 as Instrument No. 359636, records of Canyon County, Idaho; including the right from time to time to cut, trim and remove trees, brush, overhanging branches and other obstructions which may injure or interfere with the Grantee's use, occupation or enjoyment of this easement, and the operation, maintenance and repair of Grantee's electrical system.

Power Line Easement as granted by VIOLET L. CURTIS to IDAHO POWER COMPANY, a corporation, recorded 8 AUGUST, 1963, as Instrument No. 537398, records of Canyon County, Idaho.

Power Line Easement as granted by BYRON V. ANDERSON and SONYA J. ANDERSON, husband and wife; and BONNIE J. BYERS, a single woman, to IDAHO POWER COMPANY, a corporation, recorded 28 JANUARY, 1975 as Instrument No. 743849, records of Canyon County, Idaho:

Power Line Easement as granted by RAINBOW FARMS, INC. to IDAHO POWER COMPANY, a corporation, recorded 1 OCTOBER, 1975 as Instrument No. 758967, records of Canyon County, Idaho.

Power Line Easement as granted by KENNETH J. WHEELER and LINDA L. WHEELER and JAMES R. NAY and PEARL S. NAY, his wife, to IDAHO POWER COMPANY, a corporation, recorded 16 FEBRUARY, 1977 as Instrument No. 793850, records of Canyon County, Idaho.

Said property is conveyed together with all the tenements and hereditaments thereto appertaining along with good and marketable title to said real property and the hatchery and the associated buildings, fixtures and improvements.

OK *gmi*

State of Idaho
Department of Water Resources

RECEIVED

JAN 28 1982

ASSIGNMENT OF PERMIT

Department of Water Resources

I, Byron V. Anderson, hereby assign to Rainbow Farms, Inc.
of Box 277, Nampa, ID 83651
Address

CHECK ONE

☒ All my right, title, and interest in and to Permit No. 63-9194
to appropriate the public waters of the State of Idaho.

☐ The following described portion of my right, title, and interest in and to Permit
No. _____ to appropriate the public waters of the State of Idaho.

(Describe that portion of the permit being assigned by listing the acreage within
each 40 acre subdivision, the point of diversion and the amount of water in cubic
feet per second for direct diversion, or acre feet for storage)

Made this 27th day of January, 19 82.

Byron V. Anderson
Permit Holder (A SINGLE PERSON)

NA
Spouse of Permit Holder

State of Idaho)
County of Canyon) ss.

On this 27th day of January, 19 82, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged to me
that he ~~(she)~~ ~~(they)~~ executed the same.

seal

Lester Choat
Notary Public residing at
Boise, ID

My commission expires:
9/20/84

MICROFILMED

STATE OF IDAHO

Assigned to:

Rainbow Farm, Inc.

P.O. Box 277, Nampa, ID.

83651

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

RECEIVED

DEC 8 1978

APPROVED

Department of Water Resources
Western Regional Office

To appropriate the public waters of the State of Idaho

1. Name of applicant Byron V. Anderson Phone 467-4700

Post office address Box 277 Nampa, ID 83651

2. Source of water supply GROUNDWATER which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 2 Township 2N

Range 2W B.M. C anyon County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 5.0 for fish prop. purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 5.0 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Artesian well with flow through
fish ponds

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 16 inches; proposed depth of well is 190 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is **not** for irrigation:

(1) Give the place of use of water: SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 2 Township 2N

Range 2W B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____.

(5) If water is to be used for other purposes describe: fish propagation

UNRECORDED

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. _____

Flow from Patterson drainage wells and flow from 5 of our wells

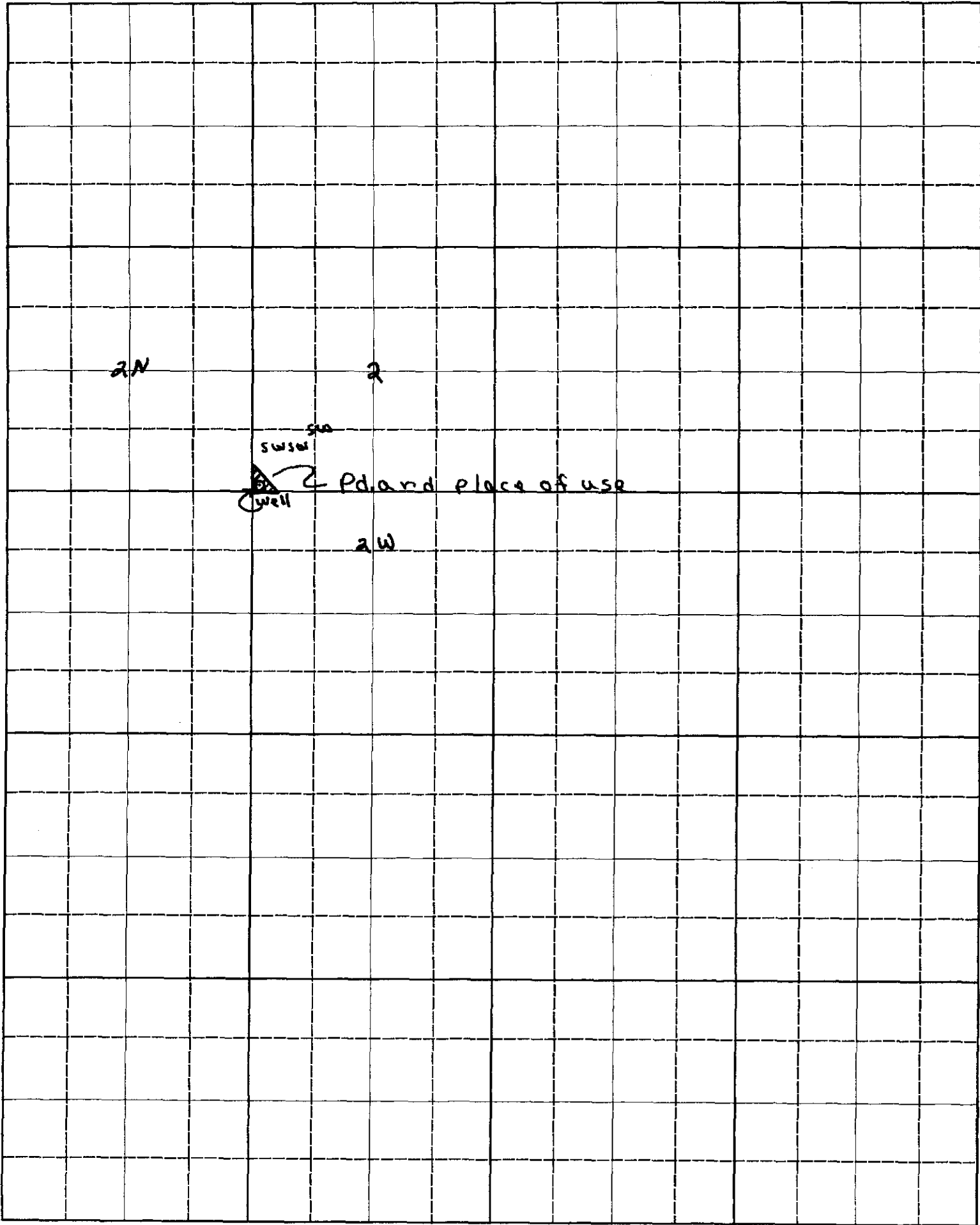
9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing _____

10. Remarks Agreement with Nampa-Meridian Irrigation District over use of
drainage well water is on file at your office with permit number 63-7879
and will include water from this well.

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

[Signature]
(Applicant)

Proposed Priority 12-8-78

Received by K.W. Date 12/08/78 Time 12:10 pm

Preliminary check by R.W.H. Fee \$ 75-00

Received by KW Date 12/08/78 #12512

Publication prepared by DBS Date 12/14/78

Published in Idaho Free Press
~~Examiner's Messenger Index~~

Publication dates 12/21 & 12/28/78

Publication approved DBS Date 1/22/79

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by DBS J.S.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 63-9194, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 1, 19 84.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: (1) Measuring devices of a type approved by this department shall be permanently installed and maintained at the point of diversion and the point of effluent discharge. (2) Return water shall be treated to insure that the effluent meets intrastate stream water quality standards.

Witness my hand this 9th day of March, 19 79.

L. Glen Sayton
Chief, Operations Bureau



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

May 10, 1994

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

RE: WATER RIGHT NO. 63-09194

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment.

Should you have any questions regarding these documents, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', written over the typed name and title.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure



JUN 13 1994



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

April 27, 1994

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

STATE OF IDAHO
DEPT OF FISH & GAME
ATTN: CINDY ROBERTSON
PO BOX 25
BOISE ID 83707

RE: PERMIT NOS. 63-07879 & 63-09194
NAMPA FISH HATCHERY

Dear Cindy:

We received the licensing amendment filing fees for the above referenced permits; however, the signed amendments were not enclosed with the \$40.00 check. The amendments reflect a correction in the point of diversion location on both permits. I will enclose an amendment form for each permit for your review and signature.

Please return them within 30 days to prevent any further undue delay in licensing these permits. Since I am responsible for the review procedure, please send the forms to my attention and it will help expedite the process.

Thank you for your assistance and if you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Brenda L. Chapman".

BRENDA L. CHAPMAN
Water Resource Agent

Enclosure

JUN 13 1994

RECEIPT
For Monies Paid
to the
Idaho Department of Water Resources

Receipt No: C030147

Date: 4/25/1994
Time: 13:42:49

Received
From: ID FISH & GAME

Type of Payment		Program A cct	Amount
AMENDMENT #63-09194	56105	229 21 1155	20.00
AMENDMENT #63-07879	56105	229 21 1155	20.00
Total			

CHECK 152620

\$40.00

Region: STATE

Signature: DWright

STATE OF IDAHO
Fish and Game Department

~~IDAHO FISH & GAME~~

~~NAMPA FISH HATCHERY~~

~~3806 S. POWERLINE~~

~~NAMPA, ID. 83686~~

~~CODE~~

JUN 13 1994



IDAHO DEPT. OF WATER RESOURCES
1301 N. ORCHARD
BOISE, ID 83706

Idaho Department of Fish and Game Request for Services and Supplies

RECEIVED
APR 25 1994
Department of Water Resources

0318200 Nampa Highway
Project Cost Account(s) (PCA)

4/14/94

Date

Quantity	Complete Specifications for Purchase	Est. Cost
	Water Licence Application Fee (Amendment)	
	Licence Water Right # 63-07879	20.00
		20.00
		40.00
Make check payable to: Id Dept. of Water Resources. need receipt 152620		

Substitution

Justification

Water Right Licence fees.

Suggested Sources

~~Id Dept. of Water Resources~~ Rotary fund. The payment is due to IDWR by 4/25/94

Deliver To

Nampa Highway.

Signature

Concurrence, including Funds Availability

PCA Leader [Signature] Date 4/14/94
Regional Supervisor TF for SH Date 4/14/94
Bureau Chief _____ Date _____
Chief, Administration _____ Date _____
Director WJH Date 4/15/94

Comments:

Rotary

Disposition (Purchasing/Engineer Use Only)

- ☐ Approved for your purchase. Have vendor put Req. # _____ on invoice.
- ☐ Item has been ordered. Copy of PO # _____ attached.
- ☐ Bids have been requested. Req. # _____ has been assigned.
- ☐ Sent to State Purchasing for bid. Req. # _____ has been assigned.
- ☐ EPA has been requested/approved. EPA # _____
- ☐ To be filled by Mailroom/Warehouse
- ☐ Other: _____
- ☐ Funds have been preencumbered.
- ☐ Funds have been preencumbered. Funds will be encumbered when purchase order is issued.
- ☐ Funds have been encumbered.

RECEIVED

JUN 13 1994



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 11, 1994

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707-0025

RE: WATER RIGHT NO. 63-09194

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the point(s) of diversion. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing within 14 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur with this information, or have any questions please contact me as soon as possible. My telephone number is (208) 327-7947.

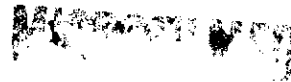
Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', written over a horizontal line.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure



JUN 13 1994

WR0749NP
No. L63-09194

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 04/01/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	STATE OF IDAHO DEPT OF FISH & GAME PO BOX 25 BOISE ID 83707	12/08/1978	FISH PROPAGATION	01-01 12-31	5.00 CFS	3620.00 AFA
TOTAL DIVERSION:					5.00 CFS	3620.00 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 36.19 CFS

Point(s) of Diversion: T02N R02W S02 S11 SWSW NWNW CANYON County CANYON County

Place of use Legal Description for: FISH PROPAGATION

				NE				NW				SW				SE							
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:			
02N	02W	2	:																	:			
												F											

Pou County: CANYON

Other Rights: PATTERSON DRAINAGE WELLS AND 5 OTHER WELLS

Other Water Rights Listing Overlapping Place(s) of use:
63-03333

Conditions of Approval:

- R03 - Measuring devices of a type approved by this Department shall be maintained at the point of diversion and point of effluent discharge.
- R09 - Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.
- 004 - The issuance of this right in no way grants any right-of-way or easement across the land of another.
- R41 - Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.

Remarks: Six points of diversion are located within SWSW, S02, T02N, R02W.
Two points of diversion are located within NWNW, S11, T02N, R02W.
Right 63-07879 is also diverted through the points of diversion described above.
The facility volume is 101,356 cubic feet.

Dates: App. Received: 12/08/1978 Priority Date: 12/08/1978
Proof Due Date: 03/01/1984 Proof Made Date: 01/05/1984
Exam Made Date: 06/04/1991 Exam Sent to S.O.: 04/23/1992
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

LICENSE REVIEW CHECKLIST

PERMIT NO 63-9194 DATE 3-31-94



NAME	Yes	No		Or Address Change?
PRIORITY DATE	☒	☒		Advance? <u> </u> Advanced to: <u> </u> Order to reinstate needed? <u> </u> Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☒	☒		Changes or just clarification of originally intended source? <u> </u> Notice of Intent to Void necessary? <u> </u>
POINT OF DIV	☒	☒		Amendment needed? <u>Add NW NW SEC 11</u> Overlaps? <u>63-7879 @ 25 CFS</u>
PLACE OF USE	☒	☒		Amendment needed? <u> </u> Overlaps? <u>63-7879</u>
DIV RATE	☒	☒		Measurement done? <u> </u> Theoretical only? <u> </u> <u>All wells = 40.21 x 10% calibration for error</u> <u>on F+G MEASUREMENTS = 36.19</u> Capacity: <u>36.19</u> Combined rates exceed capacity <u>NO</u> Allowable amount: <u>Permit @ 5 CFS</u>
ANNUAL VOLUME	☒	☒		Season of use: <u> </u> Calculations: <u> </u> Flow limit: <u>365</u> x <u>5</u> cfs x 1.9835 = <u>3619.8</u> Combined volumes exceed capacity/allowable <u>NO</u>
USES	☒	☒		Change(s) in Nature of Use? <u> </u> Amendment necessary? <u> </u>
REMARKS	☒	☒		Multiple p/d(s) in $\frac{1}{4}$ $\frac{1}{4}$? <u>6 in SWSW SEC 2</u> <u>W36</u> Other <u>(63-7879)</u> <u>2 in NWNW SEC 11</u>
CONDITIONS	☒	☒		Measuring/Locking Devices <u> </u> Watermaster control - District <u> </u> Irrigation Overlap <u> </u> Water Quality <u> </u> Other <u>004, R41</u>

COMMENTS: Hatchery = 164 cubic ft C RACEWAYS = 82,080 cu ft
A Ponds = 6800 cu ft
B RACEWAYS = 12,312 cu ft Total Facility Volume = 101,356 cu ft

RECOMMENDED	CFS	VOLUME
-------------	-----	--------

FISH PROPAGATION

5 3619.8

LICENSE

1ST AMENDMENT LETTER P39+P38

FINAL AMENDMENT LETTER P47

FISH PROPAGATION CALCULATIONS

FILE: 63-09194
DATE: March 31, 1994

REVIEWER: Brenda Chapman



INPUT:

Fish Facility Volume
Flow into Facility

101356 cubic feet
5 cubic feet per second

CALCULATIONS:

Cubic feet in one hour (cubic feet per second * 3600 seconds per hour) =
Number of times flow will fill the facility in one hour (Facility volume cubic feet/flow cubic feet) =

18000 cubic feet
0.2 times/hour

Find how many changes can occur in one year :

Changes per hour =

One year =

Number of changes per year =

0.2
8760 hours
1556 changes

Find one year diversion volume in acre feet:

1 acre foot =

Facility volume =

Facility volume =

43560 cubic feet
101356 cubic feet
2.327 acre feet

Annual diversion volume =

(Total diversion volume = facility volume * changes)

3619.8 acre feet

JUN 1 8 1994

RECEIVED
FISH PROPAGATION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-9194

1. Owner: STATE OF IDAHO FISH & GAME Phone No. 465-5005

Current Address: P.O. Box 25 Boise, ID. 83707

2. Accompanied by: Walt Rast & Rick Swell EXAM. DATE: 6-4-91

Address: same Nampa Hatchery Phone No. same

Relationship to Permit Holder: Nampa Hatchery manager and Asst. Mgr.

3. Source: groundwater tributary to Wilson Drain

B. OVERLAP REVIEW

1. Other water rights with same place of use: 63-7879, 63-03333

☐ Copies Attached

2. Other water rights with same point of diversion: 63-3333, 63-7879

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached

See attached

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

RECEIVED
JUN 13 1994

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

See attached

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
<i>See attached list</i>					

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	SW	2	2N	2W	Canyon	Ortho photo quad map
			NW	NW	11	2N	2W	Canyon	"

6. Place(s) of Use:

Indicate Method of Determination

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	
2N	2W	2										H							

Do not use this space

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
flow meter	AA	Scientific Instruments		090125		
flow meter	AA	Scientific Instruments		090137		

2. Measurements:

Open channel measurements were taken simultaneously at two locations in concrete channels that contained the flow from 7 wells - 3, in one and 4 in the other. At the same time IFEG personnel measured the outflow of each raceway over dam boards at the tailend for comparison purposes and calibration of IFEG measurement methods.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method: IDWR measurements = $16.2 + 15.68 = 31.88$ cfs.
IFEG measurements = 35.41 cfs.

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) : Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: $3.6 \times$ _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

$V_{DIV} = 5 \text{ cfs} \times 365 \times 1.9835 = 3,620 \text{ afa} \rightarrow \text{Smaller}$

$V_{REQ} = 2.3 \text{ AF} \times 3 \text{ changes} \times 24 \text{ hrs} \times 365 \text{ days} = 60,444 \text{ AFA}$
 Change hr ↓ (max req'd)
 TOTAL RACEWAY VOL.

APPROVED

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Eight wells are the sources of water for a salmonid fish hatchery operated by the State of Idaho Fish & Game Department. The wells were flowing artesian wells but pumps were added to increase the flows.

Wells #1 and #2 are located about 120' outside the hatchery compound across Locust Ave. Water is diverted by two underground 12" steel pipes to two collection towers made of 6' diameter corrugated metal pipe. From the collection towers it diverts to a 6' wide concrete channel where water from well #3 is added. The combined water from these 3 wells flows underground in the concrete channel to the South end of a concrete headrace for 10 raceways known as the "C" ponds.

Approximately 50' North of well #3 water from four additional wells is diverted into another 6' wide concrete channel that also goes underground to the North end of the "C" pond headrace. Prior to going underground water can be diverted from the concrete channel through a 12" PVC pipe to the headrace of 3 raceways known as the "B" ponds.

At the North end of the "C" headrace a 12" PVC pipe is used to divert water to 16 raceways known as the "A" ponds or also known as the fingerling raceways. This water is combined with the discharge from well #8 located adjacent to the raceway.

The water level in all raceways is controlled by dam boards at the tail end of each raceway. Outflow from the three sets of raceways flows underground in concrete pipe or a concrete channel into a large settling pond. From the settling pond its discharged into the Wilson Drain.

The IF&G monitors the flow of water through the various raceways by measuring the flow over the dam boards at the tail of the raceways using a staff type guage method adapted for their use that is referred to as the Rube-Goldberg method.

Two simultaneous open channel flow measurements using AA meters were taken at locations in the concrete channels just prior to them going underground to the "C" pond headrace. The outlet to the "A" ponds was closed so that the entire flow from wells 1-7 were measured. At the same time, IF&G personnel measured the outflow over the dam boards at the tail end of "B" and "C" raceways. The purpose of the dual measurement process was to compare the accuracy of IF&G's measurement techniques to determine if their methods were acceptable to determine the flow from well #8. Since there is no physical measurement possible from well #8, this was the only possible scenario.

The IF&G measurement method at the tail of the raceways indicated a flow of 35.41 cfs and our AA meter measurements above the raceways indicated a flow of 31.88 cfs. ~~Both measurements indicate a sufficient flow capacity, even without well #8 included, to recommend licensing 63-7879 at 25 cfs and 63-9194 at 5 cfs..~~ The variance between IF&G and our measurements at approximately 10% is within department

8 1994

guidelines to warrant accepting IF&G's historical data to license future permits.

Permits 63-9194 and 63-7879 will be amended to add all eight P/D's to each permit. IF&G indicated they would file for a new permit to license the additional flows in excess of the 30 cfs under the above mentioned two permits since their system is capable of greater capacities than 30 cfs.

Reviewer's note: 10% is considered the calibration factor to be applied to IF&G historical data to determine maximum ~~test~~ on-line flows with all pumps running.

(IF&G measured) (see supporting data)
Flow on 4/30/91 w/ all wells on was 40.21 cfs.

$$\begin{array}{r} \text{Apply calibration: } 40.21 \\ - 10.00\% = - 4.02 \\ \hline 36.19 \text{ cfs} \end{array}$$

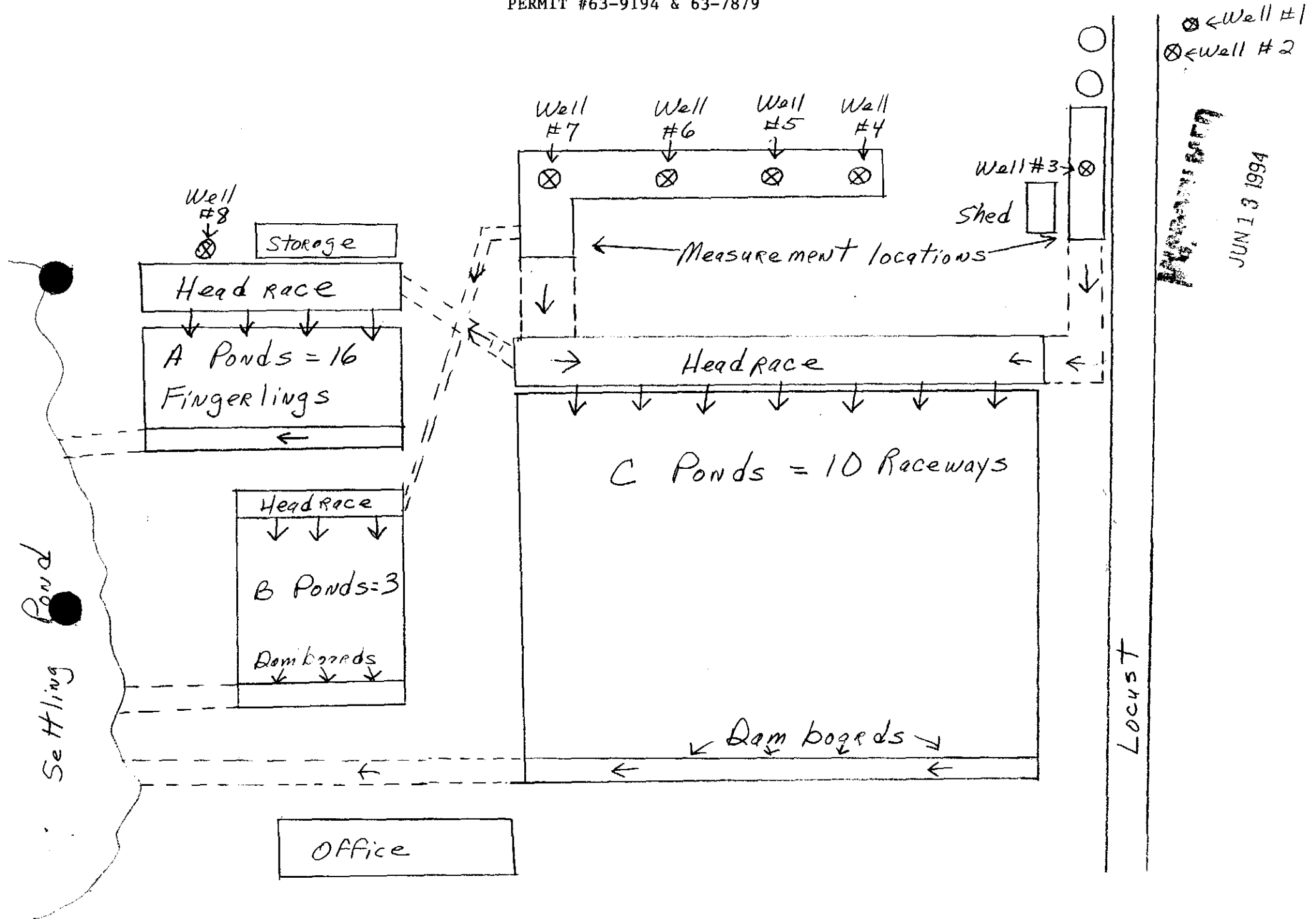
36.19 cfs maximum output.

Permit 63-9194 for 5 cfs
" 63-7879 for 25 cfs
30 cfs

TOTAL RECOMMENDED

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SYSTEM DIAGRAM
IDAHO FISH & GAME DEPT. NAMPA HATCHERY
PERMIT #63-9194 & 63-7879



63-9194 & 63-7879 WELL AND PUMP INFORMATION

Well ID #	Motor Make	HP	Model #	Pump make	Model #
#1	U.S.	30	286TPH	Cascade	13413
#2	U.S.	30	286TPH	Cascade	13414
#3	Red Jacket	7.5	256UP	Jemco	4314
#4	A.O. Smith	15	74480	Cascade	3057
#5	GE	15	N05FJ6802515	Cascade	3018
#6	U.S.	7.5	256UP	Aurora	V77-70388
#7	U.S.	7.5	256UP	Jemco	4315
#8	U.S.	10	256TP	Aurora	3X3X72822

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NAMPA HATCHERY

WATER FLOW MEASUREMENT

RUBE-GOLDBERG METHOD AT BACK OF RACEWAY

* 4-30-91

LOWERED HEADRACE

** Turnovers/hour based on 425 cu.ft. in "A"s and 2,736 cu.ft. in "C"s.

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD	TURNOVERS/HOUR
A 1	1.04	0.42	190.65	0.27	3.60
A 2	1.00	0.40	179.76	0.26	3.39
A 3	1.00	0.40	179.76	0.26	3.39
A 4	1.00	0.40	179.76	0.26	3.39
A 5	0.83	0.30	135.93	0.20	2.57
A 6	0.00	0.00	0.00	0.00	0.00
A 7	1.33	0.61	275.72	0.40	5.20
A 8	1.39	0.65	291.42	0.42	5.50
A 9	1.13	0.48	215.93	0.31	4.08
A10	1.21	0.53	239.26	0.34	4.52
A11	1.00	0.40	179.76	0.26	3.39
A12	1.08	0.45	201.76	0.29	3.81
A13	1.58	0.80	357.01	0.51	6.74
A14	0.67	0.22	98.58	0.14	1.86
A15	0.92	0.35	158.63	0.23	2.99
A16	0.96	0.38	169.08	0.24	3.19
TOTALS		6.80	2725.31	4.39	
		0.49	218.07	0.31	

RACEWAY #	AVG HD IN INC	CFS	GPM	MGD	TURNOVERS/HOUR
C1	2.75	4.02	1803.50	2.60	5.29
C2	2.56	3.61	1619.86	2.33	4.75
C3	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00
C5	2.73	3.97	1783.86	2.57	5.23
C6	2.88	4.31	1932.89	2.78	5.67
C7	2.56	3.61	1619.86	2.33	4.75
C8	2.50	3.48	1563.25	2.25	4.58
C9	2.27	3.01	1352.56	1.95	3.97
C10	1.63	1.83	823.00	1.18	2.41
B1	1.56	1.72	770.56	1.11	2.26
B2	1.65	1.87	838.19	1.21	2.46
B3	1.71	1.97	884.23	1.27	2.59
14	0.00	0.00	0.00	0.00	0.00
TOTALS		33.40	14991.86	21.58	
		2.39	1070.85	1.54	

Total Flow thru hatchery =

40.21 ALL WELLS ON!

Measuring

JUN 13 1994

REV X 2.180-1.020

E90: 3SUM(E75..E88)

READY

	B	C	D	E	F
			*		
	RACEWAY #	AVG HD IN INC	CPE	GPM	
71					
72					
73					
74					
75	01	3.29	3.29	2362.45	
76	02	2.90	4.24	1949.02	
77	03	0.00	0.00	0.00	
78	04	0.00	0.00	0.00	
79	05	2.88	4.30	1927.86	
80	06	2.63	3.75	1681.95	
81	07	2.65	3.79	1702.17	
82	08	2.75	4.02	1803.50	
83	09	1.40	1.45	652.30	
84	010	2.40	2.27	1466.72	
85	B1	0.00	0.00	0.00	
86	B2	1.96	2.41	1083.52	
87	B3	2.17	2.51	1351.56	
88	14	0.00	0.00	0.00	
89					
90	TOTALS		25.41	15890.74	

01-Jan-80 12:05 AM

B&C only
for calibration

31.88
OUR measure

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MCWAY

MC

0.40	2.87
0.150	2.60
9.84	2.22
2.04	2.01
	1.99
1800.30	2.60
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
1229.28	1.77
1083.41	1.54
0.00	0.00

1229.28	1.77
1083.41	1.54

OF RACEWAY

QTY	NO
215.93	0.31
239.26	0.34
215.93	0.31
215.93	0.31
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	0.00
0.00	0.00
0.00	0.00
190.65	0.27
147.13	0.21
179.76	0.26
147.13	0.21

1824.84	1.76
110.84	0.16

JUN 18 1994

POOR

BACK OF RACEWAY

PS	GPM	MGD
51.52	683.38	0.98
52	683.38	0.98
53	931.27	1.35
54	1544.53	2.22
55	1203.50	1.73
56	1169.28	1.68
57	0.00	0.00
58	0.00	0.00
59	0.00	0.00
60	0.00	0.00
61	1027.59	1.49
62	0.00	0.00
63	915.54	1.32
64	0.00	0.00
65	2158.85	3.12

51.30	582.73	0.84
-------	--------	------

PS	GPM	MGD
0.33	238.67	0.34
0.48	215.93	0.31
0.50	224.59	0.32
0.48	215.93	0.31
0.50	224.59	0.32
0.36	251.22	0.36
0.50	224.59	0.32
0.48	215.93	0.31
0.33	147.13	0.21
0.26	116.76	0.17
0.09	42.11	0.06
0.21	94.39	0.14
0.00	0.00	0.00
0.00	0.00	0.00

0.49	2213.82	3.19
0.00	0.00	0.00

Handwritten notes and signatures:

493045

326

JUN 13 1994

HATCHERY
WATER FLOW MEASUREMENT
TUBE-GOLDBERG METHOD AT BACK OF RACEWAY

TIME	WGT HD IN IN	CFB	GPA
	1.08	0.45	201.76
	1.17	0.50	227.50
	1.08	0.45	201.76
	1.04	0.42	190.65
	0.92	0.35	156.63
	1.13	0.48	215.93
	1.08	0.45	201.76
	1.17	0.51	227.50
	1.21	0.53	239.26
	1.21	0.53	239.26
	0.00	0.00	0.00
	0.75	0.30	116.76
	0.75	0.30	116.76
	0.79	0.32	126.82
	0.54	0.22	71.23
	0.79	0.32	126.82

5.73 2463.54
0.42 190.09

TIME	WGT HD IN IN	CFB	GPA
	2.96	4.49	2013.78
	2.52	3.53	1582.04
	2.54	3.57	1600.92
	2.80	4.13	1852.71
	2.67	3.84	1725.28
	2.38	3.04	1482.04
	2.08	2.64	1186.35
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	1.90	2.31	1035.73
	0.90	0.75	337.66
	2.63	1.88	843.38
	0.00	0.00	0.00

30.37 13630.41 19.62
2.17 973.60 11.40

Flow thru hatchery = 36.30

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POOR QUALITY

HATCHERY

MEASUREMENT

DO AT BACK OF RACEWAY

30-90

750 LFS

5 cu.ft. in "A"s and 3.182 cu.ft. in "B"s

AVG HD IN INC	CFS	GPM	MGD
1.13	0.48	215.93	0.31
	0.51	227.50	0.33
	0.40	179.76	0.26
0.79	0.28	126.22	0.18
0.75	0.26	116.76	0.17
0.79	0.28	126.22	0.18
	0.28	126.22	0.18
	0.42	190.45	0.27
	0.53	239.78	0.35
	0.42	190.45	0.27
	0.42	190.45	0.27
	0.23	105.23	0.15
	0.22	102.68	0.15
	0.23	105.23	0.15
	0.35	158.75	0.23
	0.35	158.75	0.23

5.84 2303.04 3.77
1.42 187.46 0.27

AVG HD IN INC	CFS	GPM	MGD
2.10	2.68	1203.50	1.73
	2.57	1152.24	1.66
	2.08	931.27	1.34
	2.53	1135.33	1.63
	2.97	1334.78	1.92
	3.13	1406.54	2.02
	3.40	1525.88	2.20
	2.93	1316.97	1.90
	2.31	1033.73	1.49
	2.78	1246.74	1.79
0.00	0.00	0.00	0.00
	1.90	853.48	1.22
	1.68	755.79	1.09
0.00	0.00	0.00	0.00

30.97 13258.31 20.01
2.21 992.74 1.43

Flow thru hatchery = 36.81

JUN 13 1994

CARRING CAPACITIES
NAMPA HATCHERY
by
Walter D. Rast

POOR QUALITY

Water Temperature = 59

Elevation = 2,535 feet

9.848

Dissolved Oxygen = 7.0 PPM

DENSITY INDEX .5 MAXIMUM

D.O. saturation at this temperature & elevation 9.2 PPI

Flow Index from chart for this temperature & elevation = ~~1.215~~

W = Known Permissible Weight of Fish = F - Flow index x L = length of fish in inches
x I = Inflow GPM

Hatchery Building = ~~5~~ ⁴ circular tanks (5 feet in diameter; 2.1 feet water depth each;
12 EMP water flow each; 41 cubic feet each)

$$W = F \times L \times I$$

$$W = 1.215 \times .75 \times 12 = 11 \text{ lbs. fish}$$

$$W = 1.215 \times 1.0 \times 12 = 15 \text{ lbs. fish}$$

$$W = 1.215 \times 1.5 \times 12 = 22 \text{ lbs. fish}$$

$$W = 1.215 \times 2.0 \times 12 = 29 \text{ lbs. fish}$$

A ponds ~~16~~ ^{fingerlings} dimensions each (water depth = 1.7 feet each; length = 50 feet each;
width = 5 feet each; each contains 425 cubic feet; Inflow 124 GPM)

$$W = 1.215 \times 124 \times 1" = 150 \text{ lbs.}$$

$$W = 1.215 \times 124 \times 2" = 301 \text{ lbs.}$$

$$W = 1.215 \times 124 \times 3" = 451 \text{ lbs.}$$

B Raceways ~~1~~ ^{X2 sections} ~~3~~ ^{1.9} Dimensions each ^{Re. x 1 7 2 90}
Water depth ~~2.2~~ feet; Length A-section 100 feet; length B-section 80 feet;
width 12 feet; Cubic feet A-section ~~2736~~; Cubic feet B-section ~~1824~~ ¹⁸²⁴
Inflow CFS 1.6554; Inflow GPM 743 2280

$$W = 1.215 \times 2" \times 743 = 1,806 \text{ lbs.}$$

$$W = 1.215 \times 3" \times 743 = 2,708 \text{ lbs.}$$

$$W = 1.215 \times 4" \times 743 = 3,611 \text{ lbs.}$$

C Raceways 4 - ~~10~~ ¹⁰ x 3 sections

Water depth ~~2.9~~ ^{1.9} feet average; length 120 feet each section;
Width 12 feet; Cubic Feet ~~4000~~ ²⁷³⁶ Inflow 2 CFS or 898 GPM

$$W = 1.215 \times 3" \times 898 = 3,273 \text{ lbs.}$$

$$" \times 4" \times " = 4,364 \text{ lbs.}$$

$$" \times 5" \times " = 5,455 \text{ lbs.}$$

$$" \times 6" \times " = 6,546 \text{ lbs.}$$

$$" \times 9" \times " = 9,820 \text{ lbs.}$$

6,055
8,073
10,092
12,110
14,127
16,145
18,162

JUN 13 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

63-9194
63-7879
Water Right No.
(if applicable)

Open Channel Discharge Measurement Notes

A. GENERAL INFORMATION

1. Name of stream or ditch: Fish & Game Raceway # South Channel
2. Location: Nampa Fish Hatchery
3. Person conducting measurement: Mel Schulte & Sora West
4. Date and time of measurement: June 4, 1991
5. Accompanied by: Walt Rast + Rick Lowel
6. Measuring device size and ID no.: Double AA meter # 090125
7. Spin test before measurement OK? yes after measurement OK? ✓
8. Purpose of measurement: BU exam

B. MEASUREMENT DATA

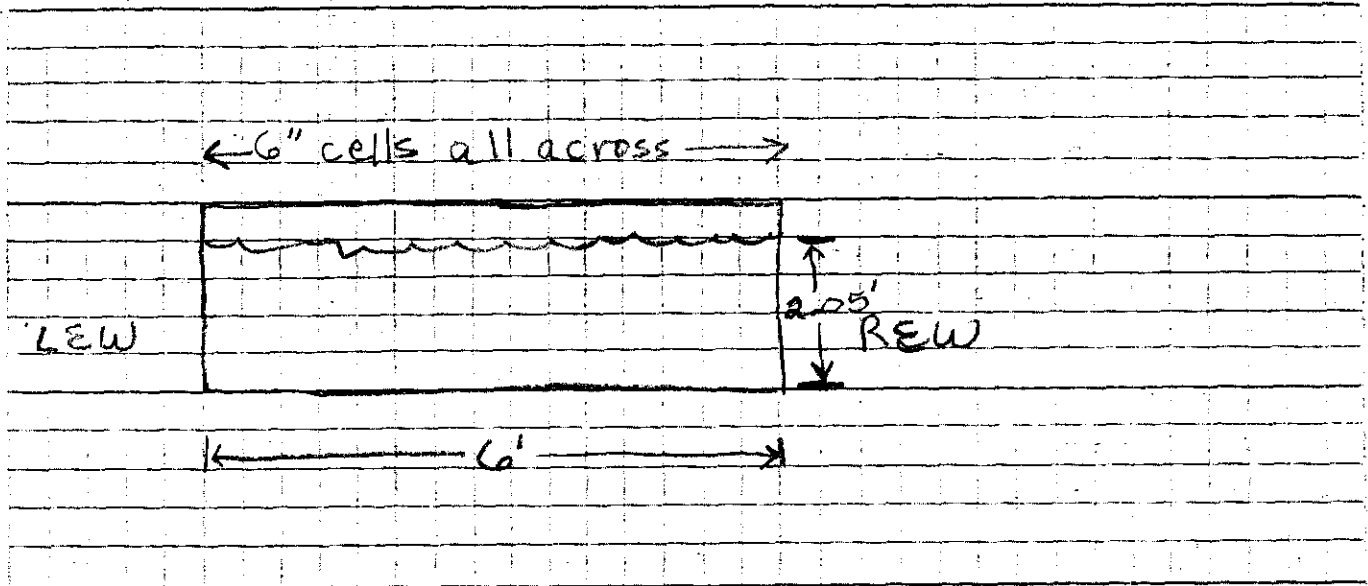
Angle co-efficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or	Area (ft ²)	Discharge cfs
							At point	Mean in vertical ft/sec			
LEW = 6"	9"	2.5	2.05	.6	34	60	✓	1.25		1.02	1.27
	15"				37			1.36			1.39
	21"				37			1.36			1.39
	27"				37			1.36			1.39
	33"				38			1.40			1.43
	39"				38			1.40			1.43
	45"				36			1.33			1.36
	51"				36			1.33			1.36
	57"				36			1.33			1.36
	63"				35			1.29			1.31
	69"				33			1.22			1.24
	75"	✓	✓	✓	34	✓		1.25		✓	1.27
REW 6'6"											
									total cfs		16.2

JUN 13 1994

C. DIAGRAMS

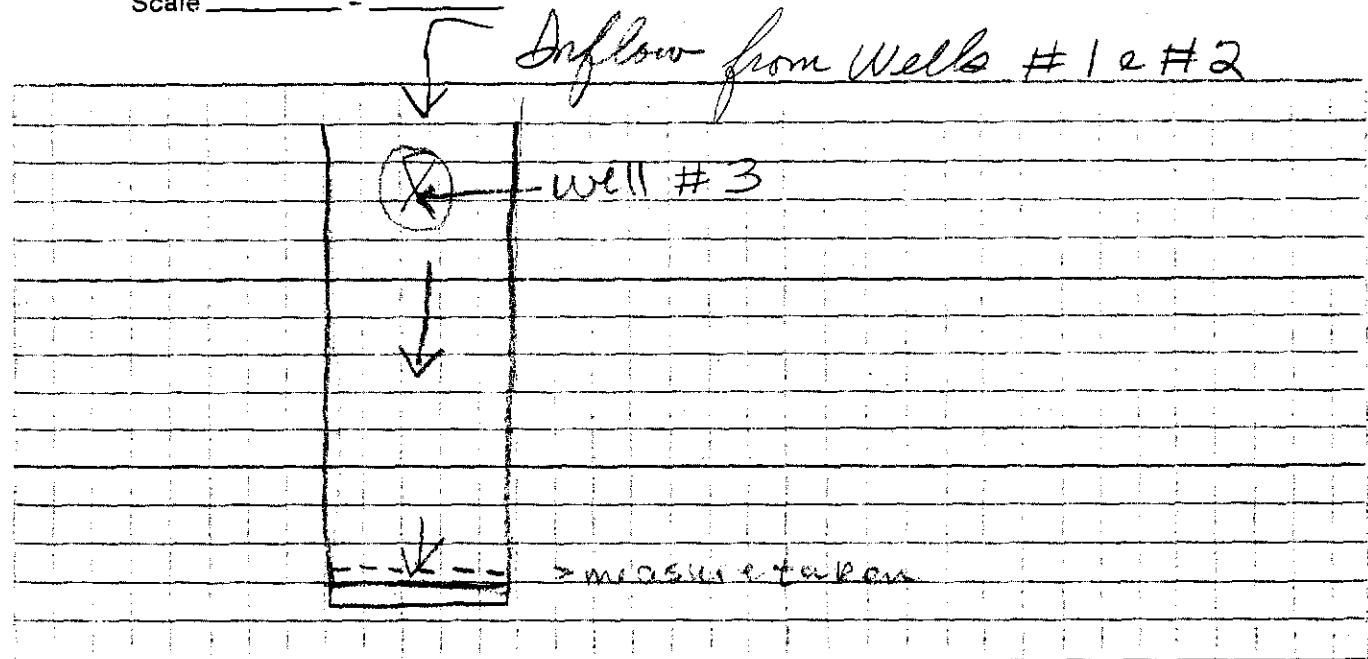
1. Measurement Location

Scale: _____ = _____



2. ~~Cross-Section~~ of Measurement Location

Scale _____ = _____



D. SUMMARY INFORMATION

1. Measurement rated

_____ excellent ☒ good _____ fair _____ poor

2. Remarks: _____

3. Width: _____ Area: _____ Discharge in cubic feet per second: 16.2

June 4, 1991
DATE

Neil Schultz
SIGNATURE OF PERSON CONDUCTING MEASUREMENT

JUN 13 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

63-9194
63-7879
Water Right No.
(if applicable)

Open Channel Discharge Measurement Notes

A. GENERAL INFORMATION

1. Name of stream or ditch: North Concrete Channel
2. Location: Nampa Fish Hatchery
3. Person conducting measurement: Cindy / Mark / Dave
4. Date and time of measurement: 6-4-91
5. Accompanied by: Walt Rast / Rick Lowell
6. Measuring device size and ID no.: 070137 AA meter
7. Spin test before measurement OK? ✓ after measurement OK? ✓
8. Purpose of measurement: Blue exam

B. MEASUREMENT DATA

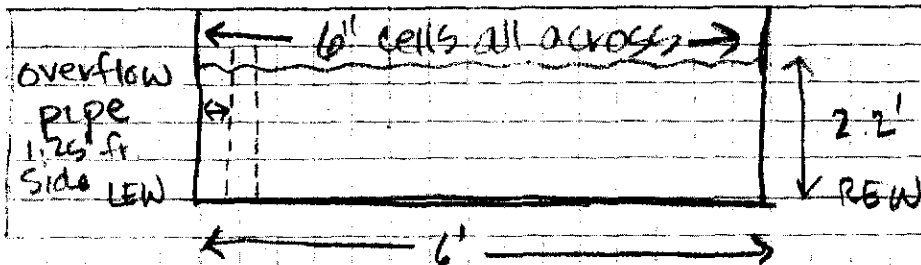
Angle co-efficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or	Area	Discharge
							At point	Mean in vertical			
LEW = 25 on stick											
	25	.5	2.2	.2	41	60	1.5	1.35		1.1	1.49
				.8	33		1.2				
	.75			.2	38		1.4	1.18			1.30
				.8	26		.96				
→	1.25			.2	44		1.6	1.35			1.49
				.8	31		1.1				
	1.75			.2	42		1.5	1.30			1.43
				.8	31		1.1				
	2.25			.2	42		1.5	1.20			1.32
				.8	23		.9				
	2.75			.6	22			.82			.90
	3.25				30			1.11			1.22
	3.75				32			1.18			1.30
	4.25				31			1.15			1.27
	4.75				32			1.18			1.30
	5.25				31			1.15			1.27
	5.75				34			1.26			1.39
	6.0 REW										
										15.68	

JUN 18 1994

C. DIAGRAMS

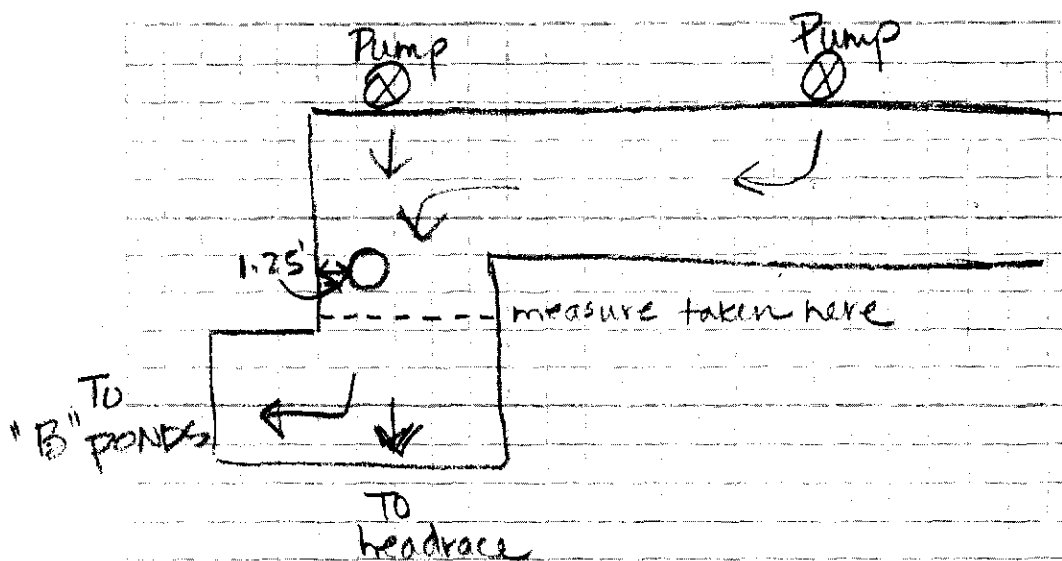
1. Measurement ~~Location~~ *Cross Section*

Scale: _____ = _____



2. ~~Cross Section~~ of Measurement *Location*

Scale _____ = _____



D. SUMMARY INFORMATION

1. Measurement rated _____ excellent _____ good _____ fair _____ poor

2. Remarks: _____

3. Width: _____ Area: _____ Discharge in cubic feet per second: _____

DATE

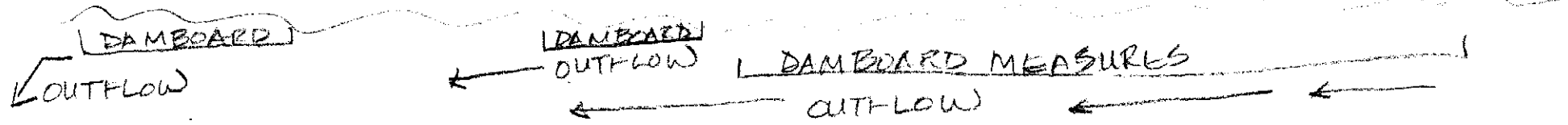
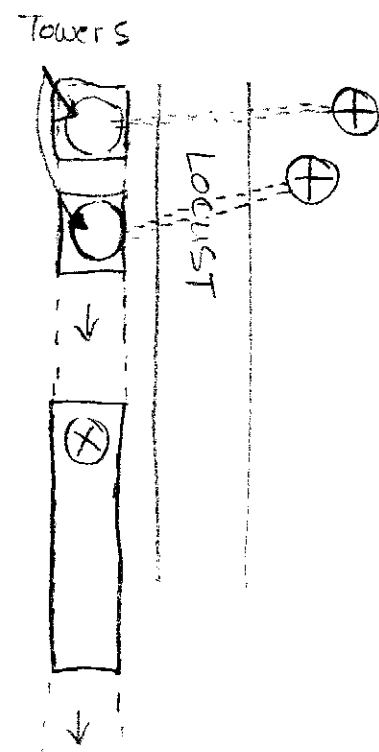
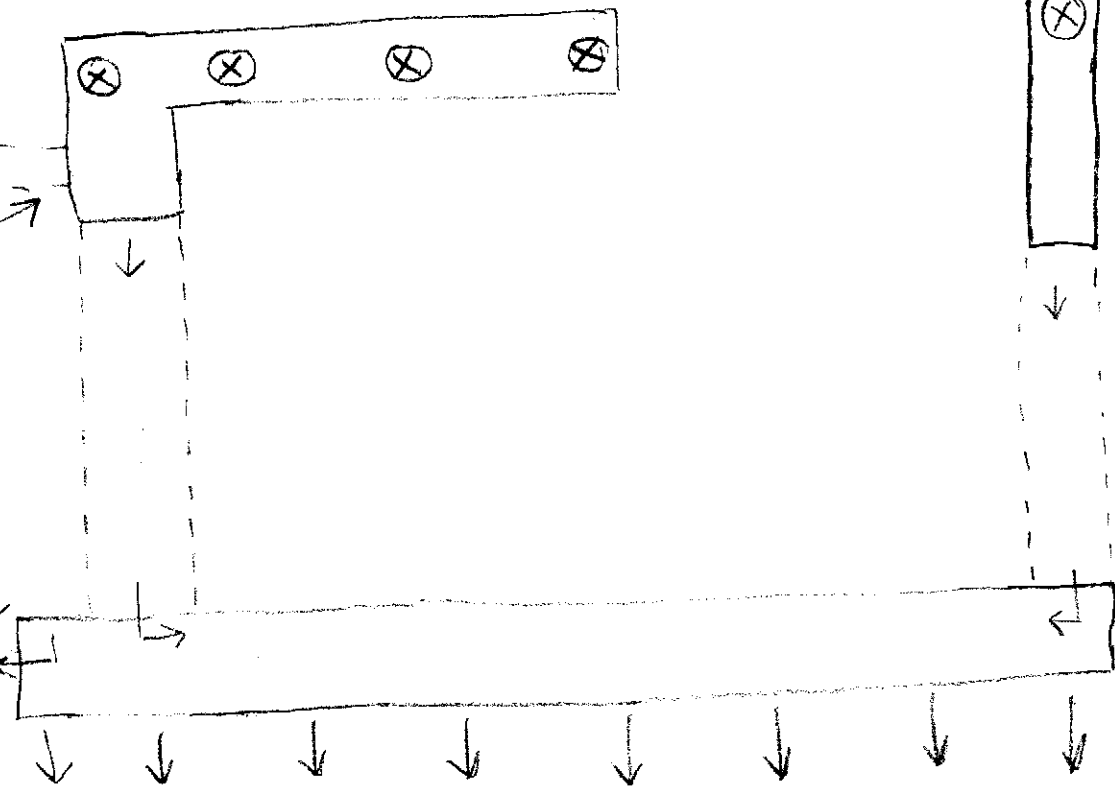
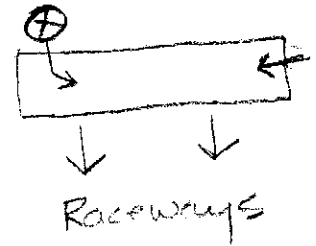
SIGNATURE OF PERSON CONDUCTING MEASUREMENT

JUN 13 1994

JUN 13 1994

To Ponds
Maybe
shut down
briefly

FINGERINGS



#1

Well site #1



#2

Well site #2

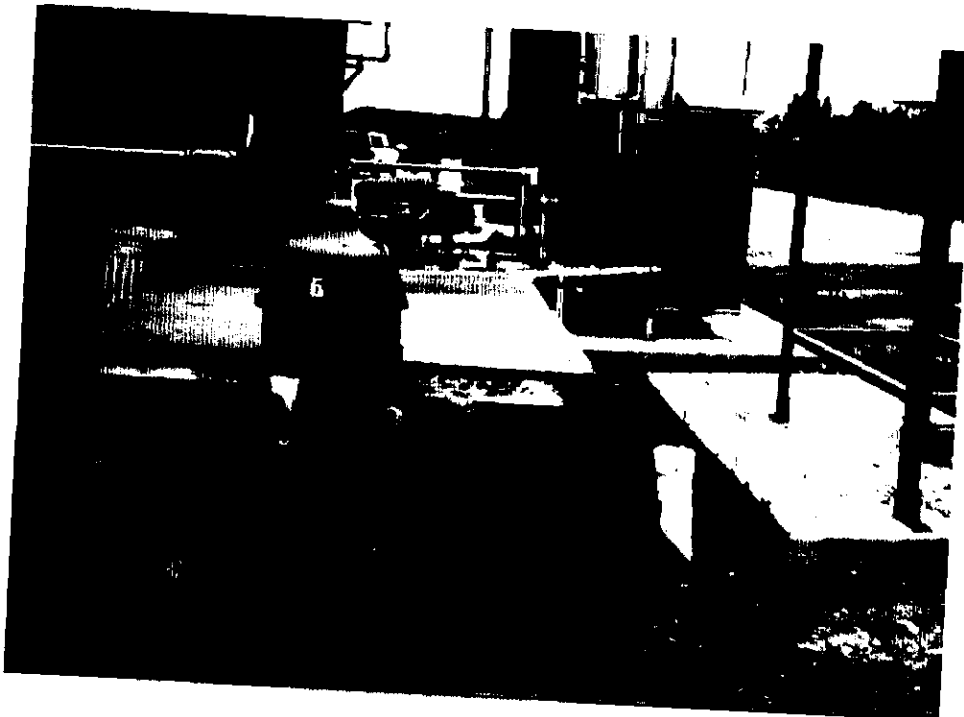


RECEIVED
JUN 13 1994



#3

Well site #3



#4

Well site #4

JUN 13 1994



#5

Well site #5



#6.

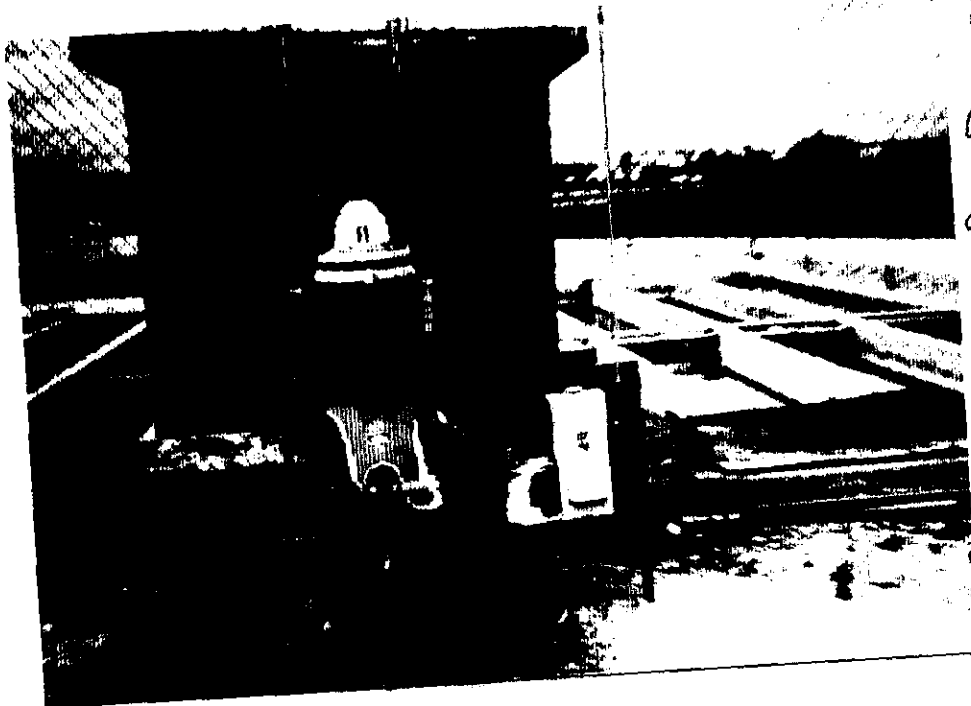
Well site #6

RECEIVED
JUN 13 1994



#7

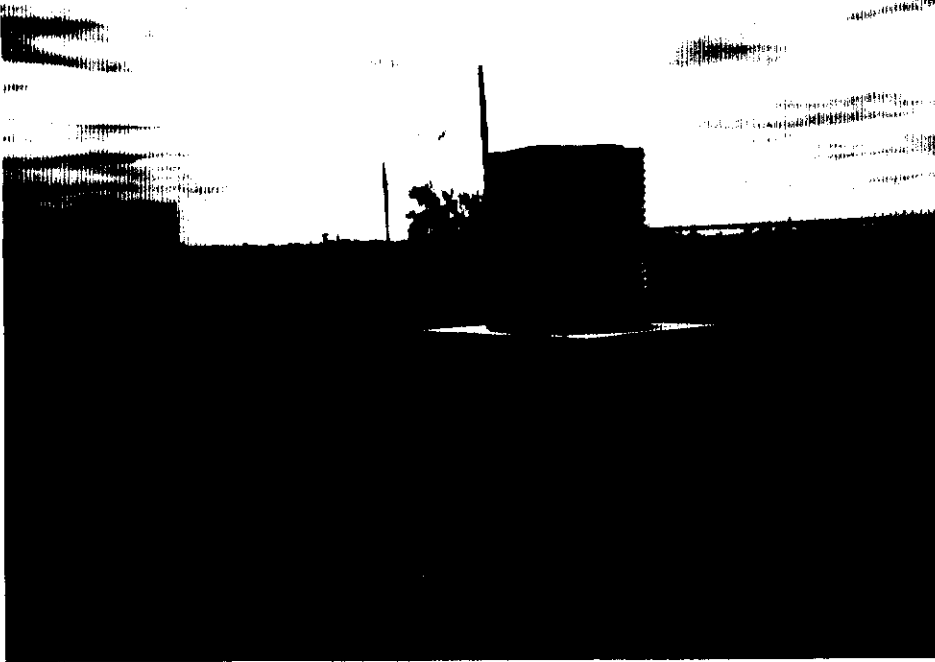
Well site #7



#8

Well site #8
adjacent to
fingerling raceways

RECEIVED
JUN 13 1994



#9.

Collection stacks
that receive water
from wells #1 & #2
situated in the
background of
picture between
the stacks.



#10

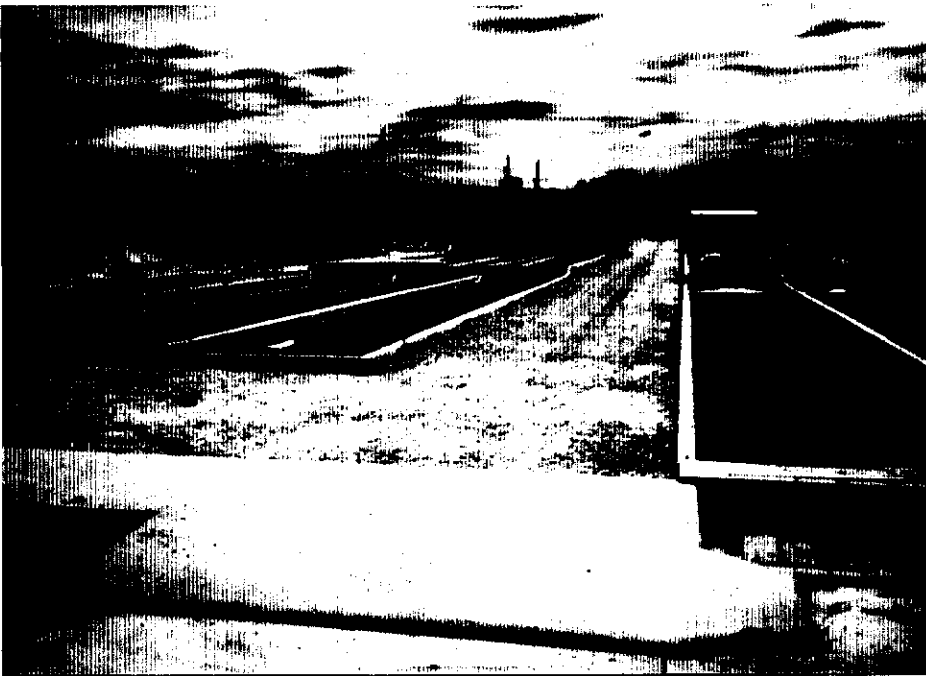
View of hatchery
from site of
wells #1 & #2

JUN 13 1994



#11

View of "A" ponds
aka fingerling
raceways looking
Northwest



#12

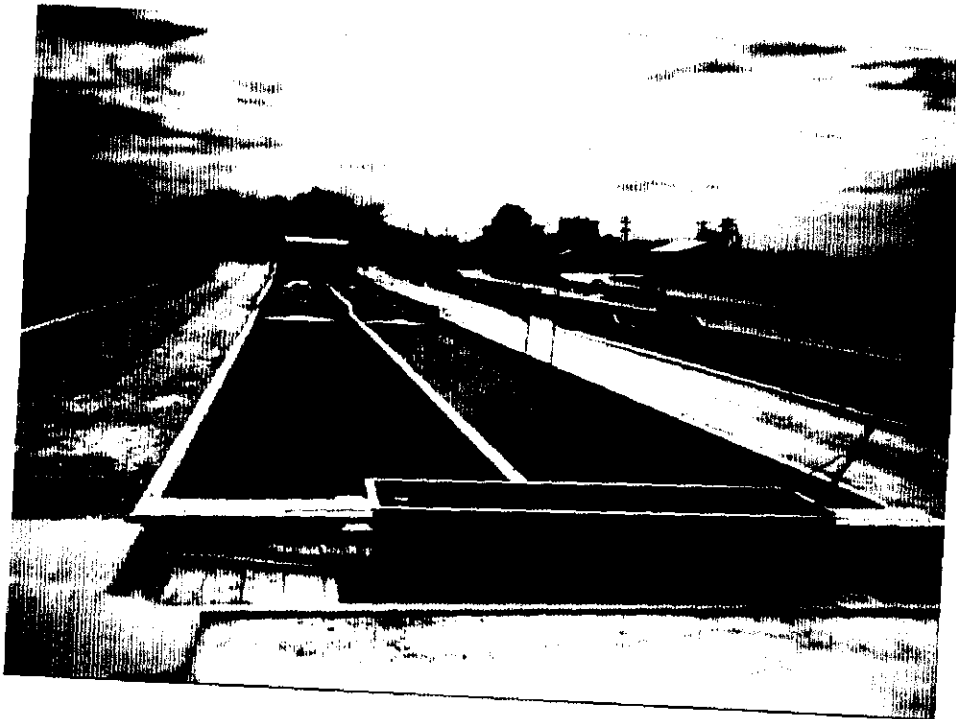
"B" raceways
to the left and
"C" raceways to
the right looking
East from office

JUN 13 1994



#13

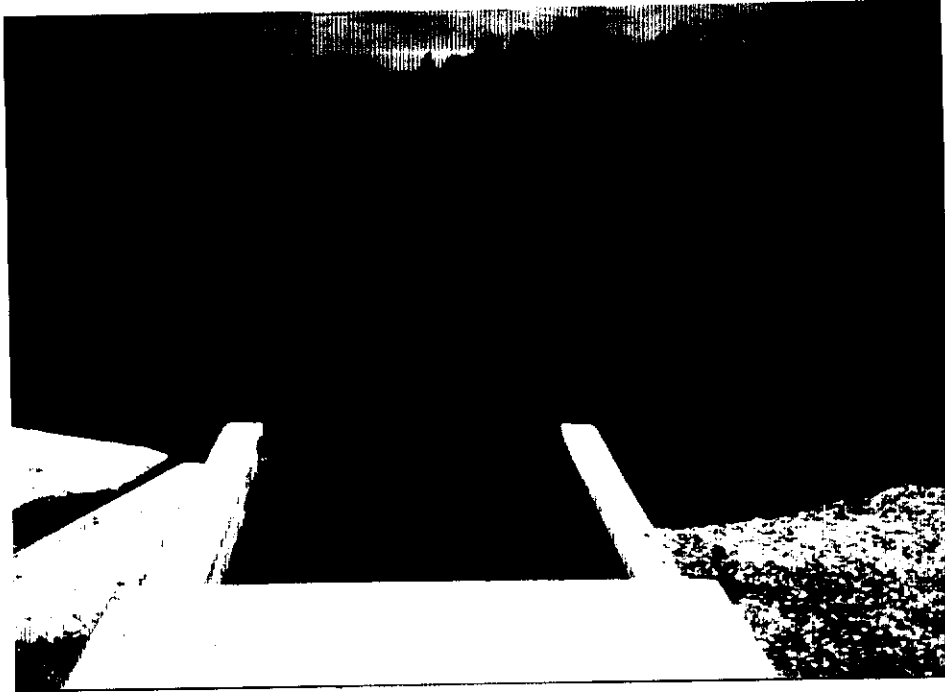
"C" raceways
looking West
toward office



#14

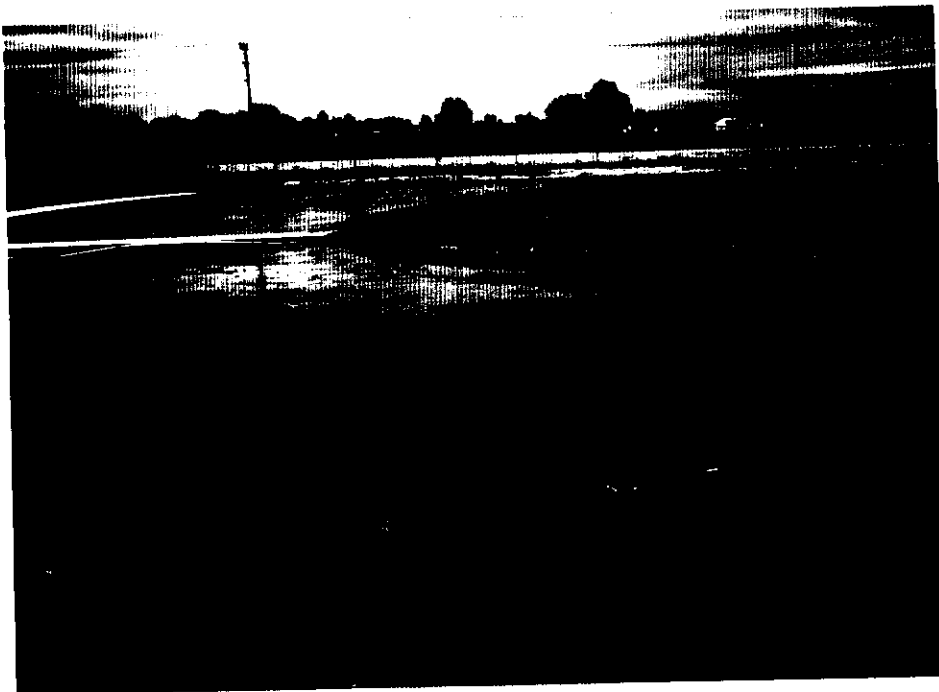
"C" raceways
looking East
from the office

JUN 13 1994



#15

Site where "C"
raceway overflow
enters settling
pond.



#16.

Site where "B"
raceway overflow
enters settling
pond.

JUN 13 1994



#17

Site where "A"
raceway (fingerling)
overflow enters
settling pond.



#18.

View of settling
pond from office
looking North.

RECEIVED
JUN 13 1994



#19. View of overflow site from settling pond in Northeast corner of pond.

63-9194
JUN 18 1964

Department of Water Resources

WELL INSPECTION FORM

Wells #1-8

63-7879

If well is associated with water right, provide WR# 63-9194

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP 8N, Rge 2W, Sec. 2, SW 1/4 SW 1/4 or Lot .

2. Owner: State of Idaho Fish & Game

Address Thompson Hatchery, City , St

3. Casing $\geq$ 12 inches above ground: Yes ✓ No

4. Access Port: Yes No ✓

Static Water Level: 0

Pressure Gauge: Yes No ✓

Casing Diameter: 16 1/2

Flowing: Yes ✓ No

Temperature:

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes ✓ No

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: Water in the concrete channel next to well #3 can flow back into a metal casing and return to the well. The channel is covered only by a wooden cover that could be accessed by a rodent that might fall into the artesian well casing and contaminate the source.

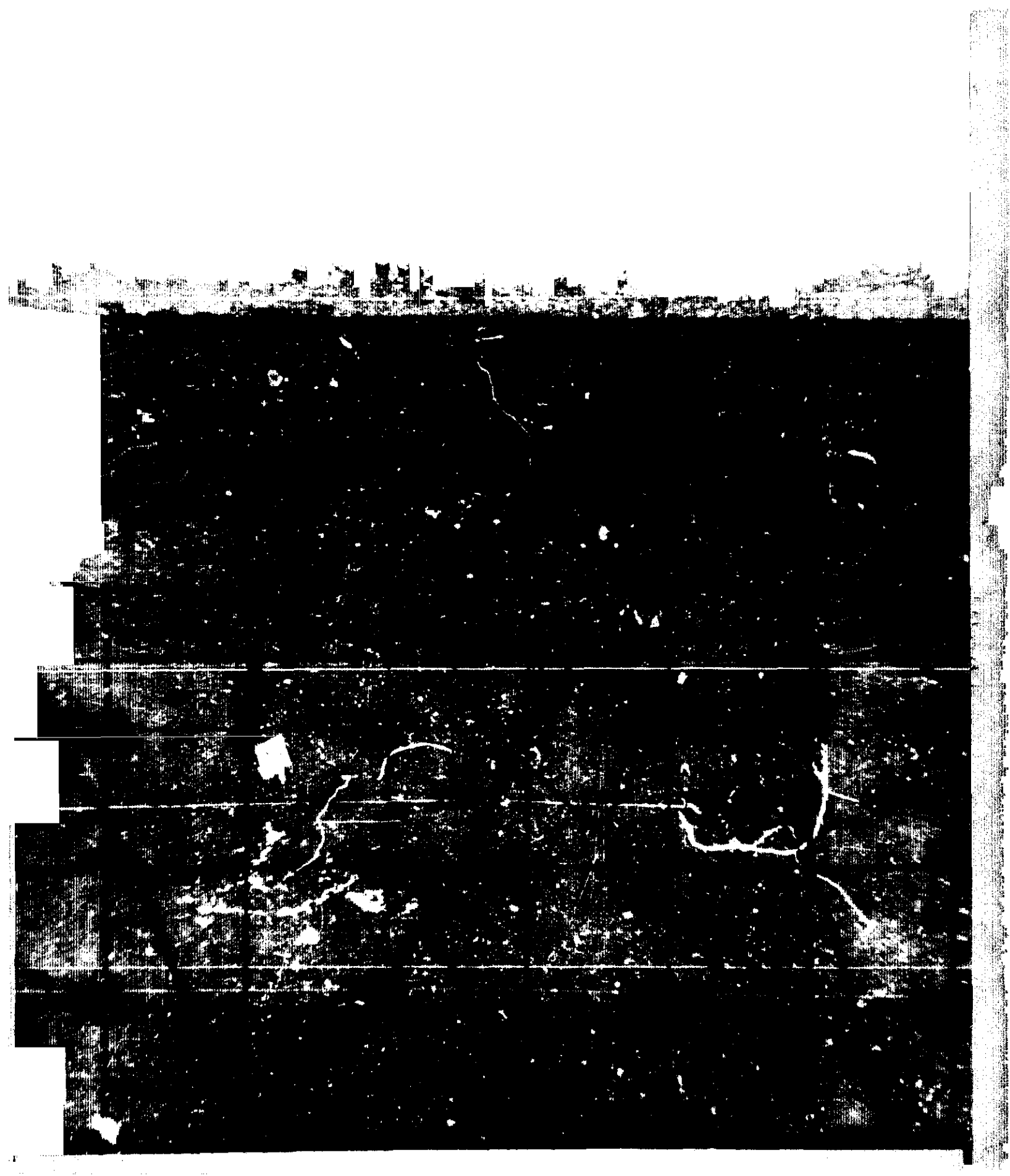
JUN 13 1994

PERMIT 63-7194 INIT _____
T. R. S. Q/Q
P/D SN 2W 2 SWSU
SCALE _____
PHOTO ID. _____

P14
~~P10~~ P10.3-8

P/D 1-2

63-7194





State of Idaho
DEPARTMENT OF WATER RESOURCES
Western Region

Cecil D. Andrus
Governor

POOR QUALITY

2735 Airport Way
Boise, Idaho 83720
(208) 334-2190

October 15, 1987

63-9194
State of Idaho
Fish & Game
Statehouse
Boise, ID 83720

138019
CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter, return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

RECEIVED

JUN 13 1994

page 2

Examination Fee Notice

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is available from the department upon request. A listing of certified water right examiners is also available.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

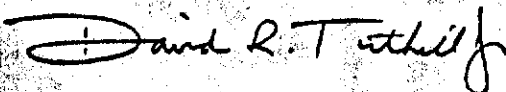
The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The license examination fee schedule, on the back of the enclosed information sheet, shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be returned to this office. If you have questions or concerns please feel free to call at (208) 334-2190, or to visit the office at our new location near the airport, at 2735 Airport Way.

Sincerely,



DAVID R. TUTHILL, JR., P. E.
Manager, Western Regional Office

DRT:jp

Enclosure

RECEIVED
JUN 13 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

APRIL 25, 1984

FISH & GAME STATE OF IDAHO
STATEHOUSE
BOISE ID 83720

RE: Permit No. 63-9194

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Enclosed please find a copy of an order involving your permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A condition of approval of your original permit required the installation of a measuring device which, according to the proof card submitted by you, has not been installed. A measuring device must be installed and operating at the time the field examination is made. If a measuring device is not installed your permit may be subject to cancellation.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 334-2190 or in person in the third floor State Towers Building, 450 West State Street, Boise.

Sincerely,
s/Judy Fense
Secretary

Enclosure

RECORDED

JUN 13 1984

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

Statehouse
Boise, Idaho 83720
(208) 334-2190

APRIL 25, 1984

FISH & GAME STATE OF IDAHO
STATEHOUSE
BOISE ID 83720

RE: Permit No. 63-9194

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Enclosed please find a copy of an order involving your permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A condition of approval of your original permit required the installation of a measuring device which, according to the proof card submitted by you, has not been installed. A measuring device must be installed and operating at the time the field examination is made. If a measuring device is not installed your permit may be subject to cancellation.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 334-2190 or in person in the third floor State Towers Building, 450 West State Street, Boise.

Sincerely,
s/Judy Pense
Secretary

Enclosure

RECEIVED

JUN 13 1984



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

February 10, 1984

Department of Fish and Game
P. O. Box 25
Boise, ID 83707

Gentlemen:

Re: Permit No. 63-9194

This office acknowledges receipt of the statement of beneficial use postcard submitted for this permit received on January 5, 1984.

Before a license can be issued, a field examination must be made by a representative of this department. We cannot tell just when this examination will be made, but our examiner will contact you to schedule the exam at a convenient time.

If you have any questions regarding the field examination, please contact our Western Regional office at 334-2190.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

cc: Western Region

MAILED
FEB 14 1984



IDAHO DEPARTMENT OF FISH AND GAME
600 South Walnut • Box 25
Boise • Idaho • 83707

January 3, 1984

Mr. David B. Shaw, Supervisor
Western Region
Department of Water Resources
450 West State Street
Boise, ID 83720

Dear Sir:

Water Permit No. 63-9194

Enclosed please find the postcard stating beneficial use for a new drilled well for our Nampa Fish Hatchery. The well has artesian flow when the pump is turned off, but we normally operate the well with the pump on to allow most of the flow to go through an aeration column. Because of this dual flow it would be difficult to install a meter, and we are requesting permission to measure flow with a current meter. We have purchased a new current meter for use only at the hatchery.

Sincerely,

Philip G. Jeppson, P.E.
Fish and Wildlife Engineer
Bureau of Engineering

Enclosure

RECEIVED
JAN 5 1984

Department of Water Resources
Western Regional Office

Statehouse Mail

PLACE
13 CENT
STAMP
HERE



JAN 5 1984

Department of Water Resources
IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 63-9194.

Name(s) of Permit Holder: Idaho Fish and Game Dept.

Post Office Address: P.O. Box 25
Boise, Id. 83707 334-3730
Tel. No. 465-5005

Source of Water: pumped artesian well

Extent of Use: ☐ Domestic (number of households)
☐ Stockwater (number and type of stock)
☐ Irrigation (acres)
☒ Other Fish Hatchery

Measuring Device: Required? ☒ Yes ☐ No Installed? ☐ Yes ☒ No
Access Port: Required? ☐ Yes ☐ No Installed? ☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

3/4/83

Date

Phil [Signature]

Signature of Permit Holder

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138315

STATE OF IDAHO
DEPT. OF FISH & GAME
600 S. WALNUT
BOX 25
BOISE, ID 83707

PROOF DUE NOTICE

DECEMBER 31, 1983

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 63-9194 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE MARCH 01, 1984. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE POSTCARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES



October 7, 1983

RE: Permit Nos. 63-7879 and 63-9194

State of Idaho
Dept. of Fish and Game
600 S. Walnut, Box 25
Boise, ID 83707

Dear Permit Holder:

This office acknowledges receipt of the Assignment of the above referenced permits to you.

Enclosed for your records are copies of the permits. Be sure to note the special conditions of approval on the fourth pages that identify requirements necessary for developing the permits into licensed water rights.

If you have any questions on this matter, please feel free to contact us.

Sincerely,

KAY WALKER
Chief Clerk

KW:sc
Enclosures



RECEIVED

AUG 25 1983

Department of Water Resources

August 24, 1983

Idaho Dept. of Water Resources
STATEHOUSE MAIL
Boise, Idaho 83720

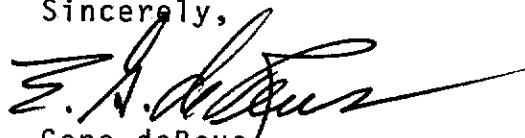
Attention David J. Barber

Gentlemen:

Please find enclosed a copy of the Warranty Deed transferring lands in Canyon County from Rainbow Farms, Inc. to the State of Idaho, Idaho Department of Fish and Game for the Nampa Fish Hatchery. Please change your records to show this transfer of water rights to us.

Thank you.

Sincerely,


Gene deReus
Program Coordinator

EGd:tlv

Enclosure

cc: Bureau of Fisheries

February 5, 1982

RE: Permits Nos. 63-7879 and 63-9194

Rainbow Farms, Inc.
Box 277
Nampa, ID 83651

Gentlemen:

This is to acknowledge receipt of the assignments conveying the above referenced permits to you. The assignments have been recorded and the Department's records changed accordingly.

Enclosed for your records are copies of the permits. Please note the conditions of approval on the fourth pages.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:kw
Enclosures

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

March 9, 1979

Re: Permit No. 63-9194

Byron V. Anderson
Box 277
Nampa, Idaho 83651

Dear Mr. Anderson:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note the special condition requiring you to install and maintain a measuring device at your point of diversion prior to submitting proof of beneficial use of water. We have enclosed a letter describing the different types of measuring devices accepted by this office.

Sincerely,

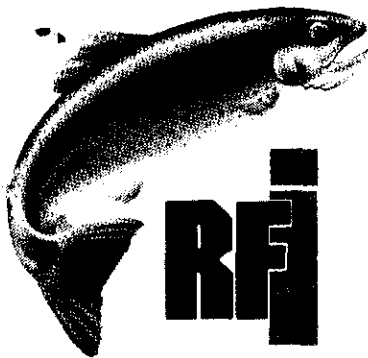
David R. Tuthill Jr.

DAVID R. TUTHILL, JR.
Supervisor, Water Allocations Section

DRT:lr

Enclosure

MICROFILMED



RAINBOW FARMS INC.

P. O. BOX 277 NAMPA, IDAHO 83651 208/467-2552

2/10/79

State of Idaho
Dept of Water Admin.
Western Region
92 South Cole Road
Boise, Idaho, 83705

RECEIVED

FEB 12 1979

Department of Water Resources
Western Regional Office

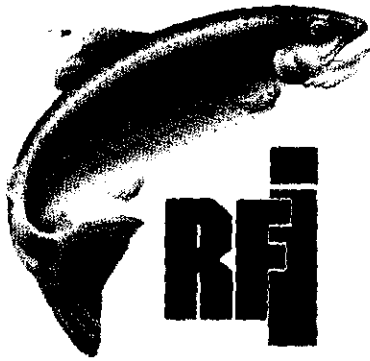
Mr David B Shaw
Western Regional Supervisor

Re. Application of Permit # 63-9194

Following is the information you requested

- 1- The project in the above application is completed with the exception of this one well and we do not need financing for this small amount. This water is in addition to permit No. 63-7879.
- 2- The hatchery facilities are completed and we are about 5 CFS short of water this is the reason for the request.
- 3- The amount of water requested is necessary for our present facilities and together with the 42 CFS we now have flowing through our

MICROFILMED



RAINBOW FARMS INC.

P. O. BOX 277 NAMPA, IDAHO 83651 208/467-2552

facilities should allow us to produce
500,000 pounds annually.

4- Construction is completed, with the
exception of this one new well. No
other construction will be done other
than one 16" pipeline from the well
to our present facilities app. 50'.

Full operation of the Hatchery
was accomplished in June of 1978

Please advise if you need further
information or could I suggest
an inspection of the facilities by
you.

Very truly yours
Sylvester Anderson

FROM David Shaw

DATE 3/8

TO Jim Johnson

SUBJECT 63-9194

The applicant has responded with the requested information. Apparently F&G and H&W are not going to respond, possibly because this is an application to complete an existing facility,

DBS

SIGNATURE

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

MEMORANDUM

TO: Dave Shaw

DATE: February 5, 1979

FROM: Jim Johnson *J.S.*

RE: Fish Propagation Applications

Dave, you may be already aware of the Departmental Policy requesting additional information from applicants appropriating water for fish propagation, but if you're not, attached is a letter by Ken Foit outlining the information needed. You will note that his letter is to the same person as is making the new application No. 63-9194.

It is not necessary to obtain another financial statement this time.

This new application is requesting 5 cfs which may or may not be additive to his previous application No. 63-7879. We won't know until we get the additional information. If you find that the 5 cfs is not additive to 25.0 cfs in Permit No. 63-7879 then this new permit should be so conditioned.

Our past policy covering fish propagation has left a lot of unanswered questions. We're now reviewing this policy and hopefully will be providing some answers. A new policy memorandum is forth-coming. If you have any questions, I'll be glad to help you.

RECEIVED

FEB 6 1979

MICROFILMED
resources
Western Regional Office



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 3
109 WEST 44TH
GARDEN CITY, IDAHO 83704

January 26, 1979

RECEIVED

JAN 29 1979

Mr. C. Stephen Allred, Director
Department of Water Resources
Statehouse
Boise, Idaho 83720

Department of Water Resources

Re: 63-9194

Dear Mr. Allred:

We have no objection to issuance of the above-referenced permit to appropriate water of the State of Idaho.

Sincerely,

DEPARTMENT OF FISH AND GAME
Joseph C. Greenley, Director

A handwritten signature in cursive script that reads "James F. Keating".

James F. Keating
Regional Supervisor

JFK: jak

cc: Bureau of Program Coordination

November 5, 1973

Mr. Byron V. Anderson
Route 3
Meridian, Idaho 83642

Re: Application for Permit No. 63-7879

Dear Mr. Anderson:

In order to further consider your application for permit, we will require additional information not included with your application.

1. A financial statement indicating the resources available to complete the project as described in the application (see Section 42-203, IC).
2. A preliminary design of the hatchery facilities, indicating the size of raceways, general layout, the size of pipelines or other diversion works and such other information as will fully describe the method and means of diversion and verify the need for the quantity of water you have asked to appropriate.
3. A justification, based upon the preliminary design and the estimated production of the hatchery, for the amount of water requested.
4. An estimated schedule of construction giving dates for the start of construction, the finish of construction, and the date that full operation of the hatchery is anticipated.

You should be aware that all applications, if approved, will require the installation and maintenance of adequate measuring devices, both at the point of diversion and the point of return of the water to the creek. These devices must be of a type approved by the Department of Water Administration; they can be of any generally recognized standard measuring device type. You should include the installation of these devices in your preliminary plans for construction.

I would appreciate receiving this information by December 17, 1973. Thank you for your cooperation.

Sincerely,

KENNETH H. FOIT, P. E.
Western District Engineer

KHF:sw

63 7879 MICROFILMED

February 7, 1979

RE: Application for Permit No. 63-9194

Byron V. Anderson
Box 277
Nampa, ID 83651

Dear Mr. Anderson:

In order to further consider the above referenced application for permit, this office needs additional information not included on the application. Specifically, the information consists of the following:

1. A letter from a financial institution showing that you are financially able to complete the project as described in the application. (See Section 42-203 of the Idaho Code)
2. A preliminary design of the hatchery facilities, indicating the size of raceways, general layout, the size of pipelines or other diversion works and such other information as will fully describe the method and means of diversion and verify the need for the quantity of water requested.
3. A justification, based upon the preliminary design and the estimated production of the hatchery, for the amount of water requested.
4. An estimated schedule of construction, giving dates for the start of construction, the finish of construction, and the date that full operation of the hatchery is anticipated.

You should be aware that most applications, if approved, will require the installation and maintenance of adequate measuring devices both at the point of diversion and the point of return of the water. These devices must be of a type approved by the Department; they can be of any generally recognized standard measuring device type. You should include the installation of these devices in your preliminary plans for construction.

We would appreciate receiving this information as soon as possible in order to further consider the application.

Sincerely,

DAVID B. SHAW
Western Regional Supervisor

DBS:kk

MICROFILMED

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
) ss.
County of Canyon)

Susan Wilkerson
of Nampa, Canyon County, Idaho, being first duly
sworn, deposes and says:

1. That I am a citizen of the United States of
America, and at all times hereinafter mentioned
was over the age of twenty-one years, and not a
party to the above entitled action.

2. That I am the Principal Clerk of the Idaho Free
Press and The News-Tribune, a daily, (except Sun-
day) newspaper published in the City of Nampa
and Caldwell, in the County of Canyon, State of
Idaho; that the said newspaper is in general cir-
culation in the said County of Canyon, and in the
vicinity of Nampa and Caldwell, and has been unin-
terruptedly published in said County during a
period of seventy-eight consecutive weeks prior to
the first publication of the notice, a copy of which is
hereto attached.

3. That the notice, of which the annexed is a prin-
ted copy, was published in said newspaper

Two Times

in the regular and entire issue of said paper, and
was printed in the newspaper proper, and not in a
supplement.

4. That said notice was published the following
dates:

December 21, 28, 1978

Susan Wilkerson

Subscribed and sworn to before me this

28th day of December
19 78

Janeal Smith
Notary Public, Residing at Nampa, Idaho

MY COMMISSION EXPIRES
JULY 12th, 1981

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have
been submitted for permit to appropriate the public waters of
the State of Idaho:

63-9193

HOWER, LOYAL L. &/or J. MILDRED
ROUTE 3, BOX 3448, NAMPA, IDAHO 83651

Source: GROUNDWATER

Date Filed: December 11, 1978

Amount: 1.52 CFS

Diversion Point: NWNW Section 18 T2N R1W, CANYON County

Use: IRRIGATION (1.52 CFS) from March 15 to November 15

Place of Use: NENW NWNW Section 18 T2N R1W FOR 76

ACRES

Diversion Means: WELL AND PUMP

63-9194

ANDERSON, BYRON V.
BOX 777, NAMPA, IDAHO 83651

Source: GROUNDWATER

Date Filed: December 8, 1978

Amount: 5.00 CFS

Diversion Point: SWSW Section 2 T2N R2W, CANYON COUNTY

Use: FISH PROP. (5.00 CFS) from January 1 to December 31

Place of Use: SWSW Section 2 T2N R2W

Diversion Means: ARTESIAN WELL

If issued, the permit(s) will be subject to all prior water
rights. Protests against the granting of any permit must be filed
with the Director of the Idaho Department of Water Resources,
925 Cole Road, Boise, Idaho 83705 on or before January 8, 1979.

C. STEPHEN ALLRED

Director

December 21, 28, 1978

MICROFILMED

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES
Western Region

92 South Cole Road
Boise, Idaho 83705
(208) 384-2190

DECEMBER 14, 1978

Idaho Free Press
Box 88
Nampa, ID 83651

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JANUARY 8, 1979.

Yours truly,

Sally Trinkaus
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 92 S. Cole Road, Boise, Idaho 83705 on or before JANUARY 8, 1979.

C. STEPHEN ALLRED

Director

Published 12/21 & 12/28/78.

MICROFILMED

ANDERSON, BRYON V.

BOX 277, NAMPA, ID 83651

Source: GROUNDWATER

Date Filed: 12/08/1978

Amount: 5.00 CFS

Diversion Point: SWSW Sec 02 T 02N R 02W, CANYON Co.

Use: FISH PROP. (5.00 CFS) from 01/01 to 12/31

Place of Use: SWSW Sec 02 T 02N R 02W

Diversion Means: ARTESIAN WELL

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