

Contacts Data Entry Form

Claim Number 37-4041

300' 5th

Owner Type	Full Name	Address	City	State	Zip	Phone
Current Owner	BLISS VALLEY PROPERTIES LLC	756 LYNNMERE DR	THOUSAND OAKS	CA	91360	

Date of Field Exam: 11/10 - 11/12/04 Time: 9:30 & 10 AM

Accompanied By: George Panagiotou Phone Number: 352-1200

Relationship to Claimant: owner

Directions to Property (if different from above) and/or update owner information:

George and I drove & walked his property and
following visit with Broadway Dr I walked
this pond area located approx 10 miles
North of Bliss

Reviewer:

LEE Peterson

Date:

11/12/04

Point of Diversion and Source Data Entry Form

Claim Number 37-4041

Claimed Point of Diversion and Source

T04S R13E S29 NWSE Within GOODING County Source: SPRING CLOVER CREEK

☐ Use Claimed POD and Source as Recommended POD and Source

Water Right Point of Diversion and Source

T04S R13E S29 NWSE Within GOODING County

Recommended Point of Diversion and Source

Source Information

Source

Tributary To

SPRINGSCLOVER CR.

Twp	Rge	Sec	Gov Lot	QQQ of QQ of Q	County	Source
<u>45</u>	<u>13E</u>	<u>29</u>			<u>Gooding</u>	<u>SPRINGS - STREAM</u>

* POD 10-11 I think pertain to this w/right

Other rights from this POD? NONE

Document how the POD and Source were verified:

while reassembling w/rights with George and Brockway
Eng. it appears diversions 10-11 apply to this w/r.

	BUP-1	2422411	1316881	Acc 15-220	1030355
Bliss Valley Prop. LLC	" - 2	2422334	1316560	221	356
	" - 3	2422271	1316550	NONE	357
	" - 4	2421936	1316115	222	358
	" - 5	2422561	1316170	223	359
	" - 6	2422564	1316125	224	360
	" - 7	2422583	1315965	225	361
	" - 8	2422593	1315764	226	362
	" - 9	2422622	1315547	227	363
	" - 10	2423734	1316377	228	364
	" - 11	2423005	1316104	229	365

Reviewer: _____

Date: _____

11/12/04

LEE Peterson

Place Of Use Data Entry Form

Claim Number 37-4041

Claimed Place Of Use

29 Pond & POD

T04S R13E S30	SWSE	30.0	T04S R13E S30	SESE	30.0
T04S R13E S31	NENE	40.0	T04S R13E S31	NWNE	40.0

Total Acres 140

___ Use Claimed POU as Recommended POU

Water Right Place Of Use

29

T04S R13E S30	SWSE	30.0	T04S R13E S30	SESE	30.0
T04S R13E S31	NENE	40.0	T04S R13E S31	NWNE	40.0

Total Acres 140

Recommended Place of Use

___ See corrections to claimed POU above

Twp	Rge	Sec	QQ	Q	County	Lot Num	Acres	Purpose of Use
45	13E	30			Gooding			Irrig-storage-Fish-wild life
45	13E	31			Gooding			" " " "

Total Acres ___

Document how the POU was verified:

George and I drove and walked around land where water has and will be used- he plans to convert from flood irrig. to sprinkler system. POD's for land use and storage is no's 5-11 on photo & GPS

Reviewer: Lee Peterson

Date: 11/12/04

Period of Use and Quantity Data Entry Form

Claim Number 37-4041

Claimed Period of Use and Diversion Rate

Water Use	Start	End	Rate	Volume
IRRIGATION STORAGE	4/01	11/01		300
IRRIGATION FROM STORAGE	4/01	11/01		300
FISH PROPAGATION	1/01	12/31		300
STORAGE	1/01	12/31		300
FISH PROPAGATION FROM STORAGE				

possibly on good years

Overall Diversion Rate

Overall Diversion Volume 300

☐ Use Claimed Period of Use and Quantity as Recommended Period of Use and Quantity

Water Right Period of Use and Diversion Rate

Water Use	Start	End	Rate	Volume
IRRIGATION STORAGE	4/01	11/01		300
IRRIGATION FROM STORAGE	4/01	11/01		300
FISH PROPAGATION	1/01	12/31		300
STORAGE	1/01	12/31		300
FISH PROPAGATION FROM STORAGE				

Overall Diversion Rate

Overall Diversion Volume 300

Recommended Period of Use and Diversion Rate

Water Use	Start	End	Rate	Volume

Overall Diversion Rate

Overall Diversion Volume

Document how the Period of Use and/or Diversion Rate were verified:

I believe the period of use and volumes were based on good years, with this years brought - if there was a broadest weir I would estimate 1/4 to 1/2" of flow from springs at no. 10 - none leaving pond at 11. with good years the above figures may possibly be good.

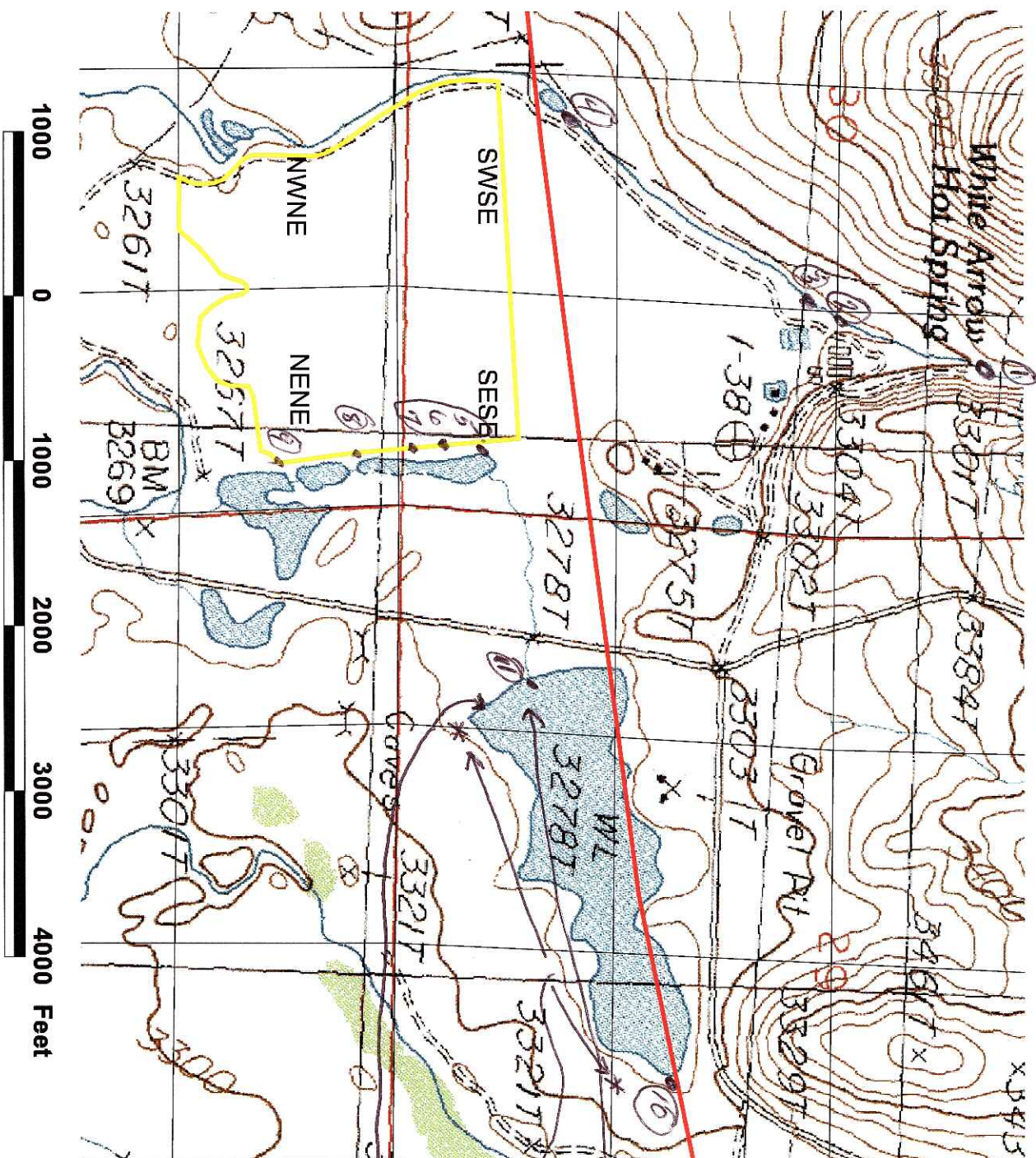
Reviewer: LEE PetersonDate: 11-12-04

5-11
3: Flood
mbs

37-4040 & 37-4041

11-12-04 - flocks at #10 if
300+ there was a broad cast call
sfx I would estimate 1/4 to 1/2
f flocks

T04S R13E
S29, S30 & S31



depth of Pond front of dike
is approx. 8 to 10' - depth
top of 10" overflow pipe
is 6 to 7" deep

length of Pond is
approx. 1/2 mile or on
spectrometer N

length of pond is
approx. 1/2 mile or
3500 meters N

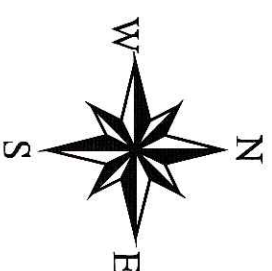
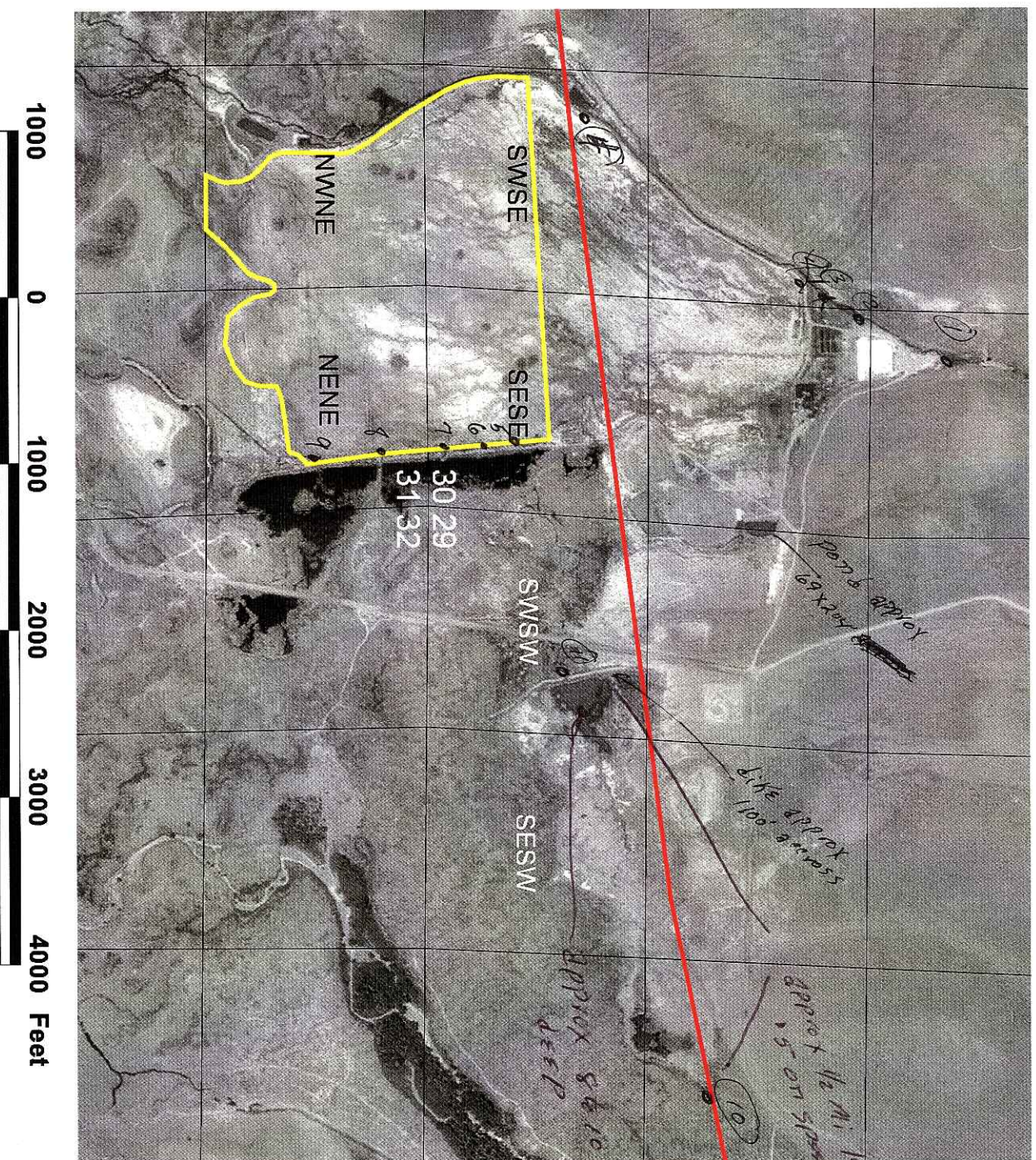


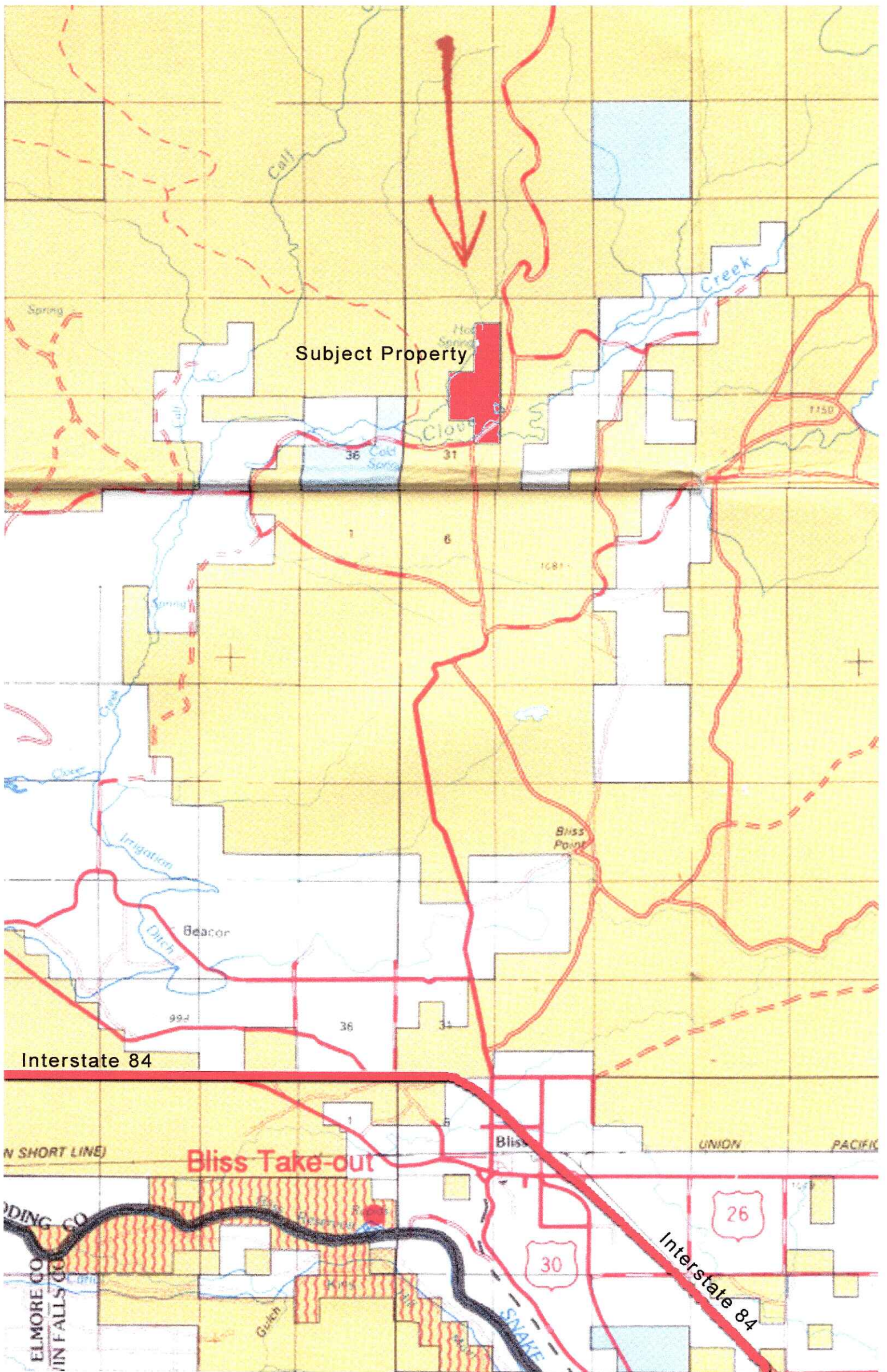
1100' approx

11/12
no flow at 11

37-4040 & 37-4041

T04S R13E
S29, S30 & S31







State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 15, 1998

Bill Baker
Bureau of Land Management
Shoshone District Office
P.O. Box 2-B
Shoshone, ID 83352-1522

*FOR: SRBA CLAIM
A37-04041 FILE*

RE: White Arrow Dam

Dear Mr. Baker:

The Bureau of Land Management recently inquired about the future of White Arrow Dam, located north of Bliss. A meeting was held at the BLM Shoshone Resource Office on July 13th to discuss White Arrow Dam. Since this meeting, the Department has reviewed pertinent file information, surveyed and examined the condition of White Arrow Dam, and has the following comments for your consideration.

It was determined that White Arrow Dam has a hydraulic height of 4.8 feet and a storage capacity of less than 50 acre-feet. The Department's Dam Safety Section does not regulate the dam because it does not meet the minimum criteria (10 feet in height or a storage capacity of 50 acre-feet) to be considered a jurisdictional dam, at this time.

If the dam embankment is to be reconstructed, it is recommended a small dam application (copy enclosed) be submitted with an appropriate filing fee (based on storage) in accordance with the State's Statutory Provisions (Title 42, Chapter 17, IDAHO CODE) and the Department's Safety of Dams Rules (copy enclosed).

Considering the obvious site problems, and maintenance items, that need to be addressed, we will advise you further when, and if, work proceeds. Since the project has been neglected, we recommend periodic maintenance (removal of woody growth and debris, eradication of rodents, repair of erosion damage, etc.) whether the dam is jurisdictional, or not.

September 15, 1998
PAGE 2

During the July 13th meeting, it was indicated Mr. Robert Earkins had previously been responsible for the operation of White Arrow Dam, which is located on Bureau of Land Management property. Apparently Mr. Earkins' right of way agreement with the BLM expired in 1991, and the BLM has had full responsibility for the White Arrow Dam facility ever since.

Examination of the Department's water right records indicate Mr Earkins has a couple of water right filings that cover his use of White Arrow Dam. However, a water right does not grant a right-of-way, or easement, across lands not owned by the water right holder.

Further examination of the Department's water right records revealed that the Bureau of Land Management does not have a water right, or Snake River Basin Adjudication claim, filed that would cover White Arrow Dam. If the BLM is diverting water into White Arrow Dam, or using the dam to impound water, a water right is required. Obtaining Mr. Earkins' water right(s) would enable the BLM to have a water right for the White Arrow Dam facility. If water was beneficially used at White Arrow Dam prior to May 20, 1971, and this particular water use has not experience five consecutive years of non use (which may subject a water right to possible forfeiture), the BLM could probably file a valid beneficial use claim in the Snake River Basin Adjudication for the White Arrow Dam facility.

In summary, there are options for the BLM to consider in the possible rehabilitation and reconstruction of White Arrow Dam. However, there are dam safety and water right concerns with the facility. If you have any questions, or if I can be of any further assistance, feel free to contact me at your convenience.

Sincerely,

A handwritten signature in cursive script, appearing to read "Corey Skinner".

Corey Skinner, EIT
Dam Safety Section

Enclosures

MEMORANDUM

TO: White Arrow Dam (D37-4041) File

FROM: Corey Skinner *CS*

DATE: August 18, 1998

SUBJECT: Dam Failure and Possible Reconstruction

*SRBA FILE
A37-04041*

On July 2nd, I received a letter (copy enclosed) from Bill Baker, the area manager for the Shoshone office of the Bureau of Land Management. The letter was sent to announce a meeting concerning White Arrow Dam, which had failed last winter. The Bureau of Land Management wanted to hold the meeting to discuss issues relating to the future of the dam and the pond. I attended the meeting at the Bureau of Land Management office in Shoshone on July 13th. Information obtained at the meeting and examination of IDWR's Southern Region records reveal the past history of the dam:

White Arrow Dam and Reservoir are located on land owned by the Bureau of Land Management. The dam and reservoir are located in the south $\frac{1}{2}$ of Section 29 (T04S, R13E), on the Clover Creek drainage (offstream of Clover Creek) approximately $7\frac{1}{2}$ miles north of Bliss. Apparently, in 1958 the BLM issued a right of way to a gentleman with the last name of Bostrom. Mr. Bostrom constructed what is now known as White Arrow Dam. The dam apparently failed a couple of years after and Robert Earkins obtained the BLM right of way for the dam.

In the early to mid 1970s Mr. Earkins apparently decided to raise (possibly reconstruct?) White Arrow Dam. He apparently hired Briggs & Associates, an engineering firm from Boise, to oversee the project. An application for the work was submitted to the Department in 1974 and Briggs & Associates completed design work on the facility. In November of 1975, the Department was notified, by letter from Briggs & Associates, that the Stage I construction work on the dam was essentially completed. The letter also requested that the Department conduct an inspection so that Mr. Earkins could begin storing water in the winter of 1975 and spring of 1976.

The Department inspected the dam in November of 1975. The dam was estimated to be 5-6 feet high with an unknown storage capacity. A storage certificate was issued through June 1, 1976, with the condition that the ice protection equipment (?) to protect the inlet structure be completed and operable before water is stored behind the dam.

Page 2

White Arrow Dam (D37-4041) Memo
August 18, 1998

The Department also inspected the dam in June of 1976. The inspection report lists a dam height of 6 feet and a storage capacity that was not listed. A June 16, 1976 memo mentions that Mr. Earkins said that he no longer planned on raising the dam beyond the existing Stage I height. An August 3, 1976 letter from the Department states that the dam, as constructed, is about 6 feet high and stores approximately 40 acre-feet of water. The letter states that at its current size, the dam does not fall under the Department's jurisdiction, and will no longer be inspected. The letter also mentions some concern about the presence of seepage at the dam.

Sometime in the late 1980s through early 1990's, Mr. Earkins and the BLM did not agree on the renewal of the right of way for the dam. In 1991, the right of way apparently expired, and the BLM took over full responsibility for the dam. Sometime this past winter, the dam failed and it has not yet been repaired.

The July 13th meeting at the BLM office in Shoshone was attended by several BLM representatives, Robert Earkins and a couple of his family members, representatives from the Fish & Game, and a couple of local sportsman who had frequented White Arrow Dam. Everyone talked about the dam and the surrounding area and the benefits associated with the dam and reservoir. It appeared that Mr. Earkins wanted to swing a deal with the BLM that would enable him to take care of the dam.

The BLM inquired about the possibility of rebuilding the dam and concerns that the Department might have. I explained that due to the water right situation and the moratorium, the Department could probably only authorize reconstruction of the facility to its historical capacity. Anything above the historical capacity of the facility would be viewed as a new water development and would require a new water right. I also explained that the Department's Dam Safety Section regulates dam's above a certain size, and may be involved in the reconstruction of the dam. In addition, the Department's Dam Safety Section may regulate the facility in the future depending on how (namely what dimensions) the dam was reconstructed. No one at the meeting had a reasonable idea of what the historical dimensions of the dam actually were, or if they had been changed or modified. I was hesitant to commit to our numbers from the 1970s since I was not sure how they were determined, and if the facility had been modified since our last inspection over 20 years ago. I told the BLM I would inspect the facility and get back with them.

Examination of Southern Region's dam safety file for White Arrow Dam revealed that a reservoir capacity table had been developed by Briggs and Associates in 1974. This table was developed to obtain reservoir storage capacities at certain water storage levels in anticipation of the planned raising of White Arrow Dam back in the 1970's. The table appeared to be based off of a 1974 topographical survey of the reservoir area.

On July 20th, Georgia Satterlee and I visited White Arrow Dam with the idea of surveying the dam to determine the hydraulic height of the dam. This information, along with the Briggs & Associates reservoir capacity table should shed light on the past water storage at the facility. Georgia and I found the outlet invert at the downstream toe of the dam and based our survey off of this particular elevation, assumed to be 100.00 feet. A profile of the spillway channel was then surveyed. Other than a beaver dam that was constructed across the spillway channel, the overall spillway profile was pretty flat. The maximum channel elevation, excluding the beaver dam, was found to be 104.82 feet (4.82 feet above the outlet invert). Therefore, the hydraulic height of White Arrow Dam would be 4.82 feet. Using this height, the Briggs & Associates reservoir capacity table, and some linear interpolation (should yield a slightly higher theoretical capacity) the reservoir capacity was calculated to be 49.9 acre-feet.

This 49.9 acre-foot value depends on the 1974 reservoir capacity table developed by Briggs & Associates. I am assuming the reservoir area should be the same as in 1974. In actuality, the reservoir area probably is somewhat smaller due to sediment buildup in the reservoir. A note on the reservoir capacity table states that the water depths are from the invert of the outlet pipe at the inlet structure. I would interpret this to be the intake to the outlet on the upstream end of the outlet conduit. The 4.82 hydraulic height is based on the invert on the downstream end of the outlet conduit. If the outlet grade matches what served as the basis for the reservoir curve, then the 4.28 foot hydraulic height is slightly larger than the corresponding water depth value. Therefore, the calculated 49.9 acre foot storage value is probably a tad bit on the high side, and the actual reservoir storage at White Arrow Dam is probably slightly smaller. Needless to say, since this is the best information available, it appears that the storage capacity of White Arrow Dam is slightly less than 50 acre-feet.

Page 4

White Arrow Dam (D37-4041) Memo

August 18, 1998

Since White Arrow Dam has a hydraulic height of less than 10 feet, and a storage capacity of less than 50 acre-feet, it appears that it should not be regulated by the Department as a dam.

Examination of White Arrow Dam revealed a dam similar to what I had envisioned from the inspection reports from the mid 1970's. However, White Arrow Dam is in very poor condition. As previously mentioned, the dam failed this past winter. A fairly large breach, basically down to the dam's foundation, is present just right (north) of the outlet section. A beaver dam is constructed across the spillway channel. This beaver dam raised the water storage, infringing on available freeboard, to unsafe levels. One would suspect possible overtopping led to the failure of the dam, but if this were the case I would suspect that the failure would have occurred at a different location. The breach occurred at, or very near, the maximum section of the embankment.

What appeared to be several old caved in animal burrows existed on the dam crest perpendicular to the dam's major axis in several areas left (south) of the outlet section. These areas may have been old muskrat, or perhaps beaver, burrows since they were in the approximate location of the normal high water elevation. It is possible that a burrow at the washed out section of the embankment may have filled with water (and eventually caused failure of the dam) when the reservoir level increased due to the beaver dam in the spillway.

As mentioned previously, the failure occurred close to the outlet section of the dam. Perhaps problems with the outlet, or the fill material in the area, may have contributed to the dam failure. The area below the outlet and failure section was quite marshy. Established vegetation such as cattails and reeds were present. Seepage in this area may have also been a contributing factor in the failure of the dam.

Needless to say, the dam failed, and the lack of performance of proper maintenance and monitoring of the dam was a contributing factor in the failure of the dam. The beaver dam in the spillway should have been removed prior to its completion, and the beavers and other rodents should have been eradicated. Large growth such as the weeds, brush, trees, etc. should have been removed from the embankment and the surrounding area to ease in the observation of potential problems at the dam.

Page 5
White Arrow Dam (D37-4041) Memo
August 18, 1998

Fortunately, there was very little, if any, property damage caused by the failure of the dam. A paved road, built on fill material, exists directly below the dam. There was no apparent damage done to the road, or the areas below.

Examination of the water right records for White Arrow Dam reveal that Mr. Earkins has made some filings for the facility. An old statutory claim, 37-04041, appears to cover the facility. However, this particular claim (and corresponding SRBA claim) lists a volume (300.0 acre-feet) quite a bit larger than the actual historical facility volume. In addition, Mr. Earkins has a water right permit, 37-07426, which also appears to describe the White Arrow Dam facility. This permit lists a priority date of 1975 and Proof of Beneficial Use was filed on this particular permit in 1980. I suspect that this particular permit was applied for in anticipation of the raising of the dam in the mid 1970s. Examination of the Department's database reveals no water right or claim filings in the name of the Bureau of Land Management that could cover the White Arrow facility.

Judging from the water right records, it appears that the amounts on the claim(s) and permit for the facility are on the high side, and do not reflect the actual historical amounts. In addition, it appears that possible forfeiture of the water right(s) may be an issue that should be looked at when the claims are reviewed in the Snake River Basin Adjudication. Potential forfeiture due to five years of non use could occur if the dam is not rebuilt, or if Mr. Earkins has not been using the water since his lease expired with the BLM in 1991.

If the dam is reconstructed, it should be reconstructed in a way that does not increase its historical storage capacity. If the storage capacity is increased, it would result in an expansion of the historical water use. If the dam is reconstructed, an application for construction (alteration) of a small dam should be filed. Even though the dam should be non-jurisdictional, a slight modification could increase the height or storage capacity of the facility enough to make the dam jurisdictional. I recommend that a letter, along with a small dam application, be sent to the Bureau of Land Management. This letter should attempt to address the water right issues and the dam safety concerns so that the BLM can make an informed decision regarding the future of White Arrow Dam.

RECEIVED

MAY 17 1993

Department of Water Resources
Twin Falls Region Office

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: A37-04041
Date Received: 9/27/1988
Receipt No: S002564
Received By:

AMENDED

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

AMENDED

1. Name: ROBERT A ERKINS 208-352-4460
Address: PO BOX 108
BLISS ID 83314

AND/OR

Name: BERNARDINE M ERKINS 208-352-4460
Address: PO BOX 108
BLISS ID 83314

2. Date of Priority: AUG 18, 1952

3. Source: SPRING Trib. to: CLOVER CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
04S	13E	29	NW	SE			GOODING

5. Description of diverting works:
DAM, PIPES, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION STORAGE	04/01	11/01			300.00
IRRIGATION FROM STORAGE	04/01	11/01			300.00
FISH PROP. STORAGE	01/01	12/31			300.00
FISH PROP. FROM STORAGE	01/01	12/31			300.00

7. Total Quantity Appropriated is:
C.F.S. (and/or) 300.00 A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
11 FISH PONDS

MICROFILMED

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
04S	13E	30	SW	SE		IRR FS	30.0
			SE	SE		IRR FS	30.0
						Section Acres	60.0
		31	NE	NE		IRR FS	40.0
			NW	NE		IRR FS	40.0
						Section Acres	80.0
						Total Acres	140.0

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:

A37-04040, A37-07426, A37-08165

14. Remarks:

4 CLAIMS COMBINED SUPPLY WATER FOR FARM WITH A TOTAL OF 13.39
CFS. IRRIGATED ACRES COVERED = 309
SEE WR FILE

15. Basis of Claim: STATUTORY CLAIM

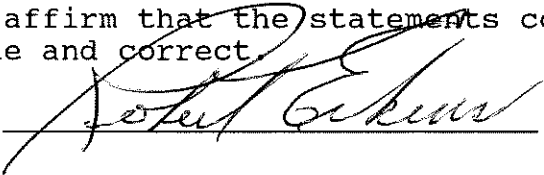
16. Signature(s)

(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 Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s):  Date: 5/14/93

Date: _____

State of Idaho)
County of Gordery) SS.

Subscribed and sworn (or affirmed) before me this 14th day
of May 19 93

Charles Strand
Notary Public

Seal

Residing at Blin Isl 83314
My Commission Expires 9-26-94

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

09-Apr-1993 14:21

RECEIVED

MAY 17 1993

Department of Water Resources
Southern Region Office

COPY

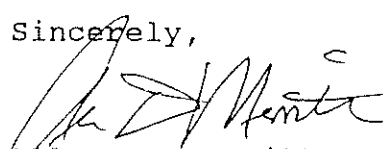
Robert A &/or Bernardine M Erkins
PO Box 108
Bliss, ID 83314

RE: Amend Claims A37-04040, A37-04041 & A37-07426

Dear Mr. Erkins:

Pursuant to our phone conversation of this day please find enclosed the draft amendments of the above referenced claims to correct the "Bad Address Record" which we have found on your original claims. I have enclosed copies of the front of your original claims with the problem address circled in red. As we discussed if the amendments seem appropriate please sign the amended claims before a notary and return them to our office. If you have questions please feel free to contact our office.

Sincerely,


Allen D. Merritt, P.E.
Water Rights Supervisor

Encl:

*Allen -
Copies returned
as per your request*

BD

MICROFILMED

OCT 24 1994



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

09-Apr-1993 14:21

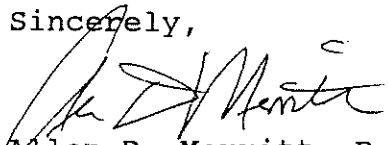
Robert A &/or Bernardine M Erkins
PO Box 108
Bliss, ID 83314

RE: Amend Claims A37-04040, A37-04041 & A37-07426

Dear Mr. Erkins:

Pursuant to our phone conversation of this day please find enclosed the draft amendments of the above referenced claims to correct the "Bad Address Record" which we have found on your original claims. I have enclosed copies of the front of your original claims with the problem address circled in red. As we discussed if the amendments seem appropriate please sign the amended claims before a notary and return them to our office. If you have questions please feel free to contact our office.

Sincerely,


Allen D. Merritt, P.E.
Water Rights Supervisor

Encl:

MICROFILMED
OCT 24 1994

FILE: See List BelowAGENT: Allen MerrittDATE: 4/9/93

RE:

Correction of AddressNAME OF PARTY: Robert ErKins

This day I phoned Mr. ErKins and informed him of the problem with the address on three of his claims. I told him that as presently recorded there are ErKins name & DBA White Arrow Ranch without an address. (It appears th DBA... was pulled over from WR and since it was on screen 2 it was not seen or modified.) I asked him if he wanted DBA... listed and he said he didn't.

I told him I would draft an amendment and send it to him for his signature and notarization and return to our office.

Files: A37-04040A37-04041 ✓A37-07426

MICROFILMED

OCT 24 1994

MEMORANDUM

To: Allen Merritt
From: Helen Harrington-Thornton *list*
Date: March 26, 1993
Subject: "Bad Address List"

=====

A request was recently made by Judge Hurlbutt for a list of addresses of all claimants in the SRBA. When that list was prepared, several claims showed up with errors in the address. Attached is a portion of that list that is pertinent to Southern Region.

It would appear that at least a few of these are "original" owners that were accidentally left on the claim without a change in ownership code. However, since we may have a claim listing these names, we will need to have the correct claimant amend the claim to correct the records. However, I am forwarding these to the region rather than taking care of them myself because the original claim file will need to be checked to confirm what is actually on the claim. If we are lucky, the problem is a data entry error rather than a claimant error (i.e., the claim is handwritten and is correct, but the data entry neglected to changed the owner code).

I believe that if the error is NOT a data entry error, we will need to have the claimant amend the claim to correct the problem.

I haven't heard that there is any deadline for these corrections, but you might check with Carter or Don if you have any questions.

MICROFILMED
OCT 24 1994

AJ5806NP-COURT
SELECTION FILE: DBS-A
WATER RIGHT NUMBER

WATER RIGHTS
BAD ADDRESS LIST

DATE: 03/05/93
TIME: 00:01:59
PAGE: 1

LAST NAME

OWNER
CODE

CITY

STATE ZIP CODE

A02-02186	SAILOR CREEK WATER CO.	C	TWIN FALLS	ID
A02-02262	TRAVELERS INSURANCE CO.	C		
A21-07132	MARTINDALE	C		
A21-07341	ZOLLINGER	C		
A22-04108	PETERSON	C		
A22-04109	PETERSON	C		
A29-02292	JENSEN	C		
A31-07248	MARTIN FAMILY TRUST	C		
A31-10024	LEONARD	C	ST. ANTHONY	ID
A31-10024	LEONARD	C	ST ANTHONY	ID
A31-10024	LEONARD	C	ST ANTHONY	ID
A31-10024	HITESMAN	C	ST ANTHONY	ID
A31-10024	LEONARD	C	ST. ANTHONY	ID
A34-00578	NICHOLS	C		ID
A34-02254	US DEPT OF INTERIOR	C	SAN FRANCISCO	CA
A35-02505	WESTFALL	C	ABERDEEN	ID
A35-02579	MICHAELSON	C	AMERICAN FALLS	ID
A35-07184	DBA SCHATZ BROTHERS	C		
A35-10461	PECKHAM	C	WEST VALLEY	UT
A35-10461	PECKHAM	C	WEST VALLEY	UT
A36-02316	MILLER	C		
A36-07154	PARRS LOCKER STORAGE	C		
A37-00113P	NORTHWESTERN & PACIFIC HYPOTHEEKBANK	C		
A37-01191	SIMS, GUARDIAN	C		
A37-01191	SILVA	C		
A37-01191	SILVA	C		
A37-04040	DBA WHITE ARROW RANCH	C		
A37-04041	DBA WHITE ARROW RANCH	C		
A37-07005	STIMPSON	C		
A37-07005	STIMPSON	C		
A37-07426	DBA WHITE ARROW RANCH	C		
A37-07857	BONNEVILLE PACIFIC CORP.	C		
A45-07567	GOLDEN VALLEY LAND & CATTLE CO.	C		
A47-10544	FARNWORTH	C	BUHL	ID
A47-10769	SMITH	C	HOUSTIN	TX
A47-11221	BLEI	C	PORTLAND	ID
A51-02443	CONNER	C		
A57-00157	TOY	C		
A63-03162	GIBBENS	C		
A63-04111	HANSBERGER	C	BOISE	ID
A63-04849	GIBBENS	C		
A63-08085	DEE MAR INC.	C	BOISE	ID
A63-08123	ROBERTS	C	BOISE	ID
A63-08123	ROBERTS	C	BOISE	ID
A63-08376	THE TRAVELERS INSURANCE CO.	C		
A65-00850	IRVING	C		ID
A65-00851	IRVING	C		
A65-05385	SIMMONS	C		
A65-07321	NICHOLS	C		
A65-07321	NICHOLS	C		
A65-07714	BURROUGHS	C		
A65-07719	MORELL	C		
A65-07719	SCOTT	C		

Eastern

Southern

ask Don?

MICROFILMED
OCT 24 1994

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: A37-04041
Date Received: 8/22/1988
Receipt No: 5002564
Received By: JS

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ROBERT A. ERKINS 208-352-4460
Address: P.O. BOX 108
BLISS, ID 83314
AND/OR
Name: BERNARDINE M. ERKINS
Address: P.O. BOX 108
BLISS, ID 83314
AND/OR
Name: DBA WHITE ARROW RANCH
Address:

2. Date of Priority: AUG 18, 1952

3. Source: SPRING Trib. to: CLOVER CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
04S	13E	29	NW	SE			GOODING

5. Description of diverting works:
DAM, PIPES, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION STORAGE	04/01	11/01			300.00
IRRIGATION FROM STORAGE	04/01	11/01			300.00
FISH PROP. STORAGE	01/01	12/31			300.00
FISH PROP. FROM STORAGE	01/01	12/31			300.00

7. Total Quantity Appropriated is:
C.F.S. (and/or) 300.00 A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

A37-04041

Page 1

Date 08/22/88

MICROFILMED
FEB 23 1993

9. Non-irrigation uses:
11 FISH PONDS

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
04S	13E	30	SW	SE		IRR FS	30.0
			SE	SE		IRR FS	30.0
						Section Acres	60.0
		31	NE	NE		IRR FS	40.0
			NW	NE		IRR FS	40.0
						Section Acres	80.0
						Total Acres	140.0

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:
A37-04040, A37-07426, A37-08165

14. Remarks:
4 CLAIMS COMBINED SUPPLY WATER FOR FARM WITH A TOTAL OF 13.39
CFS. IRRIGATED ACRES COVERED = 309
SEE WR FILE

15. Basis of Claim: STATUTORY CLAIM

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 X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Robert C. Erskine Date: 9/27/88
Bernardus Erskine Date: 9/27/88

State of Idaho)
County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 27th day
of September 19 88 Roxanne Storey
Notary Public

Seal

Residing at Buhl, Id
My Commission Expires 6-30-94

APPLICATION FOR PERMIT

To Construct a Reservoir and Appropriate and Store
The Public Waters of the State of Idaho

Application No. R 30760
Permit No. R 895

1. Name of Applicant: **RICHARD J. BOSTROM**
- Postoffice address: **Bliss** County **Gooding** State **Idaho**
- I. If applicant is a corporation, give:
- (a) Date and place of incorporation: (b) Amount of Capital Stock: \$
- (c) Amount paid in: \$ (d) Names and addresses of directors:
- II. The financial resources of the corporation are:
- (a) Cash on hand: \$ (b) Treasury Stock: \$
- (c) Bonds to be issued: \$ (d) Other resources:
2. Quantity of water to be stored: **300** acre feet per annum.
3. Source of water supply is **(Flood and seepage waters from adjacent areas** **Hot Springs Creek** River.
4. The outlet of the proposed reservoir is located **E. 33° 30' 760** feet, distant from the **N E** corner of **Section 30**, Township **4 S.**, Range **13 E.**, B. M. and is in the **SW 1/4 of SW 1/4 of Section 29**, Township **4 S.**, Range **13 E.**, B. M. County of **Gooding**
5. Fill out either (a) or (b).
- (a) The reservoir is located in the channel of (Creek) (River).
- (b) The reservoir is to be filled through a feeder canal, the point of diversion for which is located **Flood and seepage water** feet distant from the corner of Section , Township , Range , B. M., and is in the (bearing) 1/4 of 1/4 of Section , Township , Range B. M.; width at bottom feet, width at top feet, depth of water feet; average grade per mile feet; Capacity cubic feet per second.
6. (a) The area of the high water line of the reservoir is **40** acres.
- (b) The reservoir capacity is **300** acre feet.
7. Height of reservoir dam **10** feet, length at top **900** feet, length at bottom **900** feet, size of outlet **18" steel pipe (round)** feet by feet. The dam is to be constructed of materials as follows: **Earth**
- (If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)
8. (a) Will water stored in reservoir be diverted to canal by aqueduct, thence to land to be irrigated without commingling with natural flow of **Warm Springs Creek** (Creek) (River)? **Yes**
- (b) Water stored in reservoir will be carried in the channel of (Creek.) (River,) a distance of miles to point of diversion, located (bearing) feet, distant from the corner of Section Township , Range , B. M., and in the 1/4 of 1/4 of Section Township , Range B. M.
9. (a) Area of watershed above dam site **Approx. 10** square miles
- (b) Estimated maximum flow of stream **20** cubic feet per second.
10. Water is to be used for **Irrigation** purposes.
11. If for mining, milling, power or manufacturing purposes give:
- (a) Point of use of water (bearing) feet, distant from Corner of Section , Township , Range B. M. and is in the 1/4 of 1/4 of Section , Township , Range B. M.
- (b) Amount of power generated: **H. P., under** feet head.
- (c) Water is to be returned to (Creek) (River) (Spring) at a point distant from the corner of Section , Township , Range B. M. in the 1/4 of 1/4 of Section , Township , Range B. M.
12. Water stored in accordance with this Permit will be carried to place of use through a canal heretofore constructed under the terms of Permit No. , which is hereby referred to and made a part hereof.
13. Kind of diversion works: **Small farm ditches** (Dam, canal, flume, pipe, etc.)
14. Height of diversion dam: **None** feet, length at top feet, length at bottom feet. The dam is to be constructed of materials as follows:
- (If height will exceed 10 feet, plans must be approved by Department of Reclamation, before beginning construction.)

15. Size of headgate: Width feet, Height feet.
16. Diversion Canal: Width at bottom feet, width at water line feet, depth of water feet, Dimensions of Flume feet.
- Diameter of Pipe inches; Length of Conduit miles. Average grade per mile feet.
17. Estimated cost of Works: Storage Works: \$ 700.00 Diversion Works: \$ 50.00
18. Time required for completion of work Four (4) years.
19. Time required for complete application of water to proposed beneficial use is Five (5) years.
20. The land to be irrigated is described in the following tabulation:

(G' Irrigable acreage in each 40-acre subdivision.)

Twp.	Range	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	
4 S.	13 E.	30																	
		31	40	40													30	30	60
																			80

Total Number of Acres to be Irrigated

110

21. Existing rights and/or valid permits appurtenant to lands described in Sec. 20 are 2 cubic feet per second or 100 miners inches from the waters of Hot Springs Creek. The waters from this filing will be supplemental to existing water rights. The above stated water right is decreed to a total of 280 acres, and is inadequate to irrigate said lands.

The flood waters herein described have coursed through the applicant's properties listed by applicant at bottom of opposite page. That portion of the waters described as "flood waters" has from year to year caused damage to a north and south levee running through SE 1/4 SE 1/4 Section 30 and NE 1/4 NE 1/4 Section 31, Twp. 4 S., Rge. 13 E., during a period of some forty years. When in July, 1947, it was noted that the flood waters were coming with increased intensity the aforesaid levee was heightened to the proportions of a dam. The existing dam has served to increase the beneficial use of the aforesaid springs and seepage water, BE IT KNOWN That the undersigned hereby makes application for permit to construct a reservoir and appropriate and store the public waters of Idaho as herein set forth, and that the enclosed map is hereby made a part of this application. (Continued below)

RICHARD J. BOSTROM

REMARKS (Continued) and has served to put to beneficial use a part of the flood waters Applicant previously of use to no one. The purpose of the reservoir named in this application is (1) To protect the existing dam on the premises of the applicant from damage by flood water. (2) To further impound said flood waters for greater beneficial use; Date of first receipt at Department of Reclamation: 5:00 P. M. August 18, 1952 (3) To protect the County (Hill City) Road.

Returned to applicant for correction

Corrected application received

APPROVAL OF STATE RECLAMATION ENGINEER

The number of this permit is R 895

Recorded in book R 3, page 895 Approved August 28, 1952

This is to certify that I have examined the within application for a permit to construct a reservoir and appropriate and store the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$, to be filed on or before

Work to begin on or before October 28, 1952 and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which the permit holder has no control.

One fifth of the work above specified to be completed on or before August 28, 1954

The whole of said work to be completed on or before August 28, 1956

Beneficial use of water stored in accordance herewith, to be made on or before August 28, 1961

Witness my hand this 28th day of August

19 52

MARK R. KULP
State Reclamation Engineer.

IN TESTIMONY WHEREOF, We, LEN JORDAN

and IRA H. MASTERS, Secretary of State of the State of Idaho, have caused this instrument to be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 28th

AUGUST, 19 52
Countersigned:

(SEAL) IRA H. MASTERS

STATE OF IDAHO

By: LEN JORDAN

APPROVAL OF STATE RECLAMATION ENGINEER

I, MARK R. KULP, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 22, 1963.

Witness my hand this 7th day of August, 1962.

MARK R. KULP
State Reclamation Engineer

APPROVAL OF STATE RECLAMATION ENGINEER

I, MARK R. KULP, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 22, 1963.

Witness my hand this 26th day of August, 1962.

/s/ Mark R. Kulp
State Reclamation Engineer

Approved and recorded:
August 26, 1962.

APPROVAL OF STATE RECLAMATION ENGINEER

I, GEO. H. CARTER, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to August 22, 1963.

Witness my hand this 20th day of August, 1962.

/s/ Geo. H. Carter
State Reclamation Engineer

Approved and recorded: August 22, 1962.

APPROVAL OF STATE RECLAMATION ENGINEER

I, MARK R. KULP, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. R-895 to July 23, 1963.

Witness my hand this 19th day of August, 1962.

/s/ MARK R. KULP
Deputy State Reclamation Engineer

Permit No. R-895

CERTIFICATE OF COMPLETION

STATE OF IDAHO

It is to certify that R.J. WATSON of Pimas, County of Gooding and State of Idaho, the holder of Permit No. R-20/66, bearing date of priority of August 18, 1952, authorizing the construction of a reservoir, with the right to appropriate and store 300 acre feet per annum of the waters of an unnamed stream, flooded by the waters of the tributary of Hot Springs Creek, in the County of Gooding, State of Idaho, for irrigation purposes, is in compliance with the provisions of the laws of the State of Idaho relating to the proof of completion of the works proposed and specified in said Permit; that said works include a dam and reservoir adequate for the storage of 300 acre feet of water per annum, with adequate diversion works and conduit to the reservoir, and a conduit capable of conducting water to the place of intended use; that the point of outlet of said reservoir is located in the SE1/4 of Section 10, T. 1 N., R. 13 E., and that the place of use, on the lands proposed to be irrigated by the use of said water is as follows, to-wit:

SE1/4, Sec. 30; NE1/4, Sec. 31, T. 1 N., R. 13 E., N. H.

Witness my hand this 19th day of August, 1962.

/s/ MARK R. KULP
Deputy State Reclamation Engineer

Completion of works date: August 16, 1963

Richard C. Montoya

Form No. 0

Two. 4.S. R.13.E.

24

27

Reservat

Point of Diversion, Outlet of Reservoir,

3

32

Permit Map No. *R-895*
As Approved
Aug. 28 - 1952
MARK R. KULE
State Reclamation Engineer

SCALE: 2 inches Equal 1 Mile. Draw Plan in Ink.

K. 895

State of Idaho
DEPARTMENT OF RECLAMATION
BOISE

June 1, 1956

INSTRUCTIONS

Mr. Richard J. Bostrom
Bliss
Idaho

PROOF OF COMPLETION OF WORKS

Boise, Idaho

Dear Sir:-

Under the terms of your permit No. R-895 you are required to complete your diversion works on or before August 28, 1956. I enclose herewith blank affidavit to be filled out, sworn to by you before a Notary Public or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of \$5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Yours truly,

HARRY H. KULP

State Reclamation Engineer

R-895

Permit No. R-895

Application for Extension of Time FOR COMPLETION OF WORKS

Richard J. Gooding,

Gooding,

State of Idaho, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho
No. R-895

Under the terms and conditions of said permit, construction work thereunder was required to be
completed by August 28, 1956

That he has heretofore performed the following work described under said permit:

No works constructed.

costing \$.

That he is unable to complete the remainder of the work within the required time, for the fol-
lowing reasons, to-wit:

Applicant, up to the present time has not received permission
from Bureau of Land Management, to enter land upon which to
construct reservoir.

WHEREFORE, He asks that the ~~Commissioner of Reclamation~~ State Reclamation Engineer extend the time for the comple-
tion of works under said permit to August 28, 1957.

Subscribed and sworn to before me this 6th, day of August, 1957

My commission expires

March 25-1957

Notary Public.

Date of receipt at office of Department of Reclamation August 6, 1956

Mark. R. Kulp.

STATE RECLAMATION ENGINEER
APPROVAL OF ~~COMMISSIONER OF RECLAMATION~~ State Reclamation Engineer

which of construction work under permit to appropriate the Public Waters of the State of Idaho, No. R-895
August 28, 1957

which of construction work under permit to appropriate the Public Waters of the State of Idaho, No. R-895
August 28, 1957

1956

State Reclamation Engineer

State of Idaho
DEPARTMENT OF RECLAMATION
BOISE

June 1, 1957

RE; Permit No. R-895

INSTRUCTIONS
PROOF OF COMPLETION OF WORKS

Boise, Idaho

Mr. Richard J. Bostrom
Gooding, Idaho
Dear Sir:-

Under the terms of your permit No. R-895 you are required to complete your diversion works on or before August 28, 1957. I enclose herewith blank affidavit to be filled out, sworn to by you before a Notary Public or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of \$5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Yours truly,

Mark R. Kulp
State Reclamation Engineer

P.S. A copy of this Notice mailed to:-
7207 Princeton Ave.
Chicago 21, Illinois

R-895

Permit No. R-895
Application for Extension of Time
FOR COMPLETION OF WORKS

RECEIVED
AUG 2 1957
Department of Reclamation

Richard J. Bostrom, of Bliss, Idaho.

State of Idaho, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. R-895.

Under the terms and conditions of said permit, construction work thereunder was required to be completed by August 28, 1957.

That he has heretofore performed the following work described under said permit:

No work completed, on account of not receiving authorization from the Bureau of Land Management, for easment of reservoir right-of-way.

Request for easment by Mr. Bostrom was requested on August 7, 1956, at the present time no action has been taken by the Bureau of Land Management.

costing \$.

That he is unable to complete the remainder of the work within the required time, for the following reasons, to-wit:

WHEREFORE, He asks that the ~~Commissioner of~~ State Reclamation Engineer extend the time for the completion of works under said permit to August 28, 1958.

Subscribed and sworn to before me this 20 day of August, 1957.

My commission expires 3-25-1961

Notary Public.

Date of receipt at office of Department of Reclamation Aug 26, 1957

APPROVAL OF STATE RECLAMATION ENGINEER
State Reclamation Engineer

MARK R. KULP

work of construction work under permit to appropriate the Public Waters of the State of Idaho No. R-895

August 28 1953

Witness my hand this 26th day of August

1957

R-895

Mark R. Kulp
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE.

INSTRUCTIONS

PROOF OF COMPLETION OF WORKS

RE: Permit No. R-895

Boise, Idaho June 1, 1958

Richard J. Bostron
~~Gooding, Idaho~~ 7334 Stewart Ave.
Chicago 21, Illinois

Dear Sir:-

Under the terms of your permit No. R-895 you are required to complete you diversion works on or before August 28, 1958. I enclose blank affidavit to be filled out, sworn to by you before a Notary Public or a Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the completion of the works substantially in accordance with the terms of the permit, together with a fee of \$5.00, a Certificate of Completion will be issued to you.

The certificate to be issued under this proof will not give a perpetual right to the use of water for which application was made, as it only confirms the completion of works of a capacity to divert and convey to the place of intended use a certain amount of water. The law requires that another proof be submitted when the water has been fully applied to a beneficial use, at which time license is issued for the amount of water actually in use. Information in regard to this last proof will be furnished on request.

Very truly yours,

MARK R. KULP
State Reclamation Engineer

R-895

Permit No. R-895

Application for Extension of Time
FOR COMPLETION OF WORKS

RECEIVED
AUG 29 1958
Department of Reclamation

R. J. Bostrom, of Bliss, Idaho

State of Idaho, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho
No. 895

Under the terms and conditions of said permit, construction work thereunder was required to be
completed by Aug. 28, 1958

That he has heretofore performed the following work described under said permit:

Essentially none.

costing \$ - - - - -

That he is unable to complete the remainder of the work within the required time, for the fol-
lowing reasons, to-wit:

Notice of permission (from the Bureau of Land Management) to construct
the aforesaid reservoir was granted on July 23rd, 1958. Efforts were
promptly made to secure the services of heavy machinery for the construction
of the dam and other appurtenances. But the arrival of such equipment was
delayed approximately two weeks from the date of expectation, in coming
to the vicinity of the aforesaid reservoir site.

WHEREFORE, He asks that the ~~Commissioner~~ State Reclamation Engineer extend the time for the comple-
tion of works under said permit to August 28, 1959

Subscribed and sworn to before me this 28th day of August, 1958

My commission expires

Notary Public

Date of receipt at office of Department of Reclamation August 20, 1958

APPROVAL OF ~~COMMISSIONER~~ STATE RECLAMATION ENGINEER
GEO. N. CARTER, State Engineer

Reclamation of the State of Idaho, which extends the time for the com-
pletion of construction work under Permit to Appropriate the Public Waters of the State of Idaho No. R-895

August 28, 1958

Witness my hand and seal this 29th day of August, 1958

1958

2-895
Geo. N. Carter

STATE RECLAMATION ENGINEER

STATE OF IDAHO
Department of Reclamation

Application for Extension of Time for Completion of Works

State of Idaho

AUG 18 1963

County of Gooding

ss.

Department of Reclamation

Permit No. R. 895

R. J. Bostrom

, of

Bliss, Idaho

State of Idaho, being first duly sworn, upon his oath deposes and says:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho
No. R. 895.

That under the terms and conditions of said permit, construction work thereunder was required to be
completed by August 28, 1960.

That he has heretofore performed the following work described under said permit:

Permission to construct the reservoir was allowed by the Bureau of Land
Management to enter land on July 23, 1958. I therefore request an extension of time
of five years; that is, to July 23, 1963, to complete the work under this permit.

Estimated Costing \$1,000.-

That he is unable to complete the remainder of the work within the required time for the following
reasons, to-wit:

WHEREFORE, he asks that the State Reclamation Engineer extend the time for the completion of
works under said permit to July 23, 1963.

Subscribed and sworn to before me this

19th

day of

August

1963

My commission expires

July 18th 1965

Notary Public.

Date of receipt at office of Department of Reclamation

August 19, 1963

APPROVAL OF STATE RECLAMATION ENGINEER

I, Ralph W. Thomas, Deputy

State Reclamation Engineer of the State of Idaho, hereby extend

the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho,

No.

R-395

to

July 23

1963

Witness my hand this

19th

day of

August

1963.

Ralph W. Thomas
Deputy

State Reclamation Engineer

R. 895

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Re: Permit No. R-895

Date:

June 3, 1963

Richard J. Bostrom
Eliss, Idaho

Dear Mr. Bostrom:

The date for proof of application of water to beneficial use, as set out under the terms of Permit No. R-895 is due not later than August 28, 1963. If by this date you are not prepared to make this proof, you may make it at a later date, however, your priority will be advanced the same length of time for which the proof is late.

Before this proof can be made, the statutory requirement is that a notice of your intention of proof be published once a week for four consecutive weeks in a newspaper within the county.

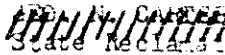
We enclose Form 10, in duplicate, which is to be filled in and returned to this department at least forty (40) days before the above mentioned date and/or before the time you intend to make proof. This form, in duplicate, is to include the time of day, the date, the name of the town, the address of the Notary Public before whom you will appear to make the depositions of proof (this may be at any place that is convenient for you and your two witnesses), the quantity of water, for what purpose it is used, the point or points of diversion and the location of use or lands which are irrigated - by legal land description. Descriptions should be taken from your Permit, including any amendments thereto, as recorded in this department. If changes have been made and no amendments are on record, we advise that you request a form for this purpose before your notice is published.

Also enclosed is Form 11, which is the authorization for us to have the notice published in the designated county newspaper, at your expense. This is to be returned with Forms 10.

At the time we send the notice to the newspaper we will send to you the forms for the depositions of holder and two disinterested witnesses. It is important that the depositions be executed at the time, on the date set and at the place named, before the Notary Public, as advertised in the publication notice.

The amount of water allowed in a license cannot be more than is actually produced and measured and put to beneficial use, and cannot be more than the statutory amount allowable per acre of land actually found by field inspection to have been irrigated at the time of proof.

Very truly yours,


 CARL E. TAITAN, Assistant
State Reclamation Engineer

Enc. Form 10 and 11

R-895

Proof of Completion of Works

DEPOSITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. E. J. Boston, Box 3, Bliss, Idaho.

Occupation - Farmer

Ques. 2. If acting on behalf of a corporation, state its name, principal place of business, your position with reference to same, and your authority for appearing in its behalf.

Ans.

Ques. 3. State number and date of permit, acre feet of water you claim for storage, and source of same.

Ans. No. R- 895 - August 28, 1952 - 300 acre feet - an unnamed stream.
Permission to construct the reservoir was allowed

Ques. 4. Under terms of permit construction was required to be completed by July 23, 1963.

Ques. 5. Construction was actually completed on the date of July 23, 1963.

Ques. 6. Does the construction fully comply with the specifications? Yes

Ques. 7. Of what material was the dam built? Clay and ordinary agricultural earth.

Ques. 8. State whether or not the water has been turned into your reservoir, and if so, when and to what extent.

Ans. A lagging portion of the season's supply from the un-named stream, as of the day of completion, July 26, 1963, presently the flow is almost on the "seep" level.

Ques. 9. The capacity of the reservoir is 300 acre feet.

Ques. 10. The area of the high water line of the reservoir is about 40 acres.

Ques. 11. The height of the dam above bottom of reservoir is 10 feet, above low water is 7 feet.

{ Cross-sectionally it appears as a U-shaped figure--having a top width of about 30 feet, & a bottom width of 10 feet.

Ques. 12. The dimensions of the spillway are and the bottom of the spillway is about 7 feet below the top of the dam.

Ques. 13. Dimensions of the reservoir outlet are 11" Amco pipe, and a 12" pipe of same material.

Ques. 14. Describe the gate and control unit. Presently the water is blocked with metal

Ans. stops at entrance. Within a few weeks standard metal gates of propeller type will be installed.

Ques. 15. The reservoir outlet is made of Amco iron as above stated.

Ques. 16. Is the reservoir filled through a feeder canal? No.

Ques. 17. If so, where is the point of diversion for same?

Ans. 1/4 Section, Twp. Range

R-895

Ques. 18. Does the feeder canal comply with the specifications in the permit? Does not exist.

Ques. 19. If not, explain

Ques. 20. Cost of constructing feeder canal? \$ None Cost of reservoir? \$ 50.- presently.

✓ Ques. 21. State whether or not the works from reservoir outlet to place of use are fully completed, and whether or not they comply with the specifications in permit. If not, explain.

Ans. Yes, completed, except for the attachment of gates.

✓ Ques. 22. Water has ~~the~~ not been delivered to place of intended use? but not in quantity, due to the lateness in season.

Ques. 23. Give description of dam, state dimensions, and give slope of face both upstream and downstream. Also method and material for protecting against wave action.

Ans. The dam is essentially 900 feet long - the water-side slope being 3:1.

16' high The off-side of the dam has a slope of close to 2:1.

Ques. 24. State the purpose for which the water is to be used and give the place of use, and if for irrigation, state the number of acres, and give the legal description of same.

Ans. ✓ S¹ E 4 of Sec. 30 - 60 acres.

✓ N¹ E 4 of Sec. 31 - 60 acres.

Twp. 4th S., Rge. 13th E.B.M.

(Sign here)

R. J. Boston

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Blaine, County of Blaine, State of Idaho, on this 16 day of August, A.D. 1912.

Notary Public

My commission expires 11/21/12

PERMIT No.

Proof of Completion of Works

DEPOSITION OF WITNESS

In compliance with Sec. 5594, Compiled Statutes of Idaho.

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. *R. Bert Horner, 4914 Carnas St. Boise, Ida.
Retired & from First National Bank of Chicago - same as residence*

Ques. 2. Are you acquainted with *T. R. J. Bastron*, the

holder of Permit No. *R. 895* authorizing the diversion of *3* second-feet of the waters
of *an unnamed stream* *at U Arrow Ranch*
for *irrigation* purposes? How long have you known him, and where does he reside?

Ans. *4 1/2 years*

Ques. 3. Have you read or heard read said Permit No. *R. 895*, and are you familiar with its terms and conditions?

Ans. *yes*

Ques. 4. (If for irrigation purposes). Are you acquainted with the land proposed to be irrigated under said permit? If so, describe same, state its character, and give your estimate of the amount of water required for its profitable cultivation.

Ans. *yes. Land has gentle slope from east to west - is of average quality and would require 3 cu. ft. for irrigation.*

Ques. 5. Are the works of diversion fully completed and of sufficient capacity to convey the entire amount of water set out in the permit from point of diversion to place of use? If so, when were they so completed?

Ans. *yes - July 26, 1963*

Ques. 6. Describe the works of diversion as they existed on the date stated in answer to Question 5, and give your estimate of their capacity on that date.

Ans. *900 ft. dam running north & south east of
Benn-Hill city road & paralleling same. Height
10 ft. length 600 ft. with 3:1 & 2:1 slopes
including 5 ft. base & 2 ft. slopes & including 5 ft.
of 30 ft. for irrigation of 60 acres & 1/2 of 200 ft.
for irrigation of 50 acres. (Sign here.) *R. Bert Horner*
Twp. 12 S., R. 13 E. Bm.*

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in *Boise*, County of

Ada, State of Idaho, on this *22* day of *August*, A. D. 1965.

My Commission expires *7/18/1965*

WTR Duffin

Notary Public.

R. 895

Proof of Completion of Works

Department of Reclamation

DEPOSITION OF WITNESS

In compliance with Sec. 5594, Compiled Statutes of Idaho.

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. DANIEL D. HEIDEL, SALESMAN, IDAHO POWER CO.

1421 VISTA AVENUE, BOISE, IDAHO

Ques. 2. Are you acquainted with R. J. Bostron, the

holder of Permit No. R. 895 authorizing the diversion of 3 second-feet of the waters
of an unnamed stream at White Arrow Ranch
for irrigation purposes? How long have you known him, and where does he reside?

Ans. 2 years

Ques. 3. Have you read or heard read said Permit No. R. 895, and are you familiar with its terms and conditions?

Ans. YES

Ques. 4. (If for irrigation purposes). Are you acquainted with the land proposed to be irrigated under said permit? If so, describe same, state its character, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Yes - land is average quality and slopes gently from East to West. Estimate need for 3 cu. ft. of water.

Ques. 5. Are the works of diversion fully completed and of sufficient capacity to convey the entire amount of water set out in the permit from point of diversion to place of use? If so, when were they completed?

Ans. yes - July 26, 1963

Ques. 6. Describe the works of diversion as they existed on the date stated in answer to Question 5, and give your estimate of their capacity on that date.

Ans. a 900 ft. dam just east of Boise - Hill City road & paralleling same. Height 10 ft. Length as above with 3:1 and 2:1 slopes involving 50 ft. of Acc. 30 for irrigation of 60 acres 7 1/2 Twp. 4 S. R. 13. E. B. 31
(Sign here.) Daniel D. Heidel

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Boise, County of

Ada, State of Idaho, on this 19th day of

August, A. D. 1963.

My Commission expires July 18 1965

W. R. Duffin

Notary Public.

R-895

Re: Permit No. R-895

May 1, 1968

Richard J. Bostrom
Post Office Box 3
Bliss, Idaho

Dear Mr. Bostrom:

Proof of ~~completion of work and~~ application of water to beneficial use for the above referenced permit is due not later than July 23, 1968.

Under the terms of your permit, it is required that a notice be published once a week for four consecutive weeks in a local newspaper showing your intent to submit proof. The proof will consist of depositions which the permit holder and two disinterested witnesses must complete before the listed notary public, and must be accompanied by an affidavit of publication of the legal notice.

We have prepared the enclosed notice from the information on your permit. The complete name and address of a notary public of the State of Idaho must be entered together with a date for you to appear before the notary. Allow at least 40 days from the date the notice is mailed to this department for your appearance before the notary.

If you find any discrepancy in the notice or have made any changes, please advise this department and we will assist you in doing whatever may be necessary to assure correct publication.

If the enclosed notice is correct, complete the blank spaces on both forms, sign the form authorizing us to publish the notice at your expense, and return all forms. At the time we send the notice to the newspaper, you will be supplied with further instructions.

If you do not desire to complete the proofs and obtain a license of water right, you are requested to complete the relinquishment portion of this form below and return it to the Department of Reclamation.

State Reclamation Engineer

RELINQUISHMENT

I hereby relinquish to the State of Idaho, all my right, title and interest in and to Permit to Appropriate the Public Waters of the State of Idaho, No. _____.

Dated _____

Permit Holder

August 27, 1968

Re: Permit No. R-895

Richard J. Bostrom
Post Office Box 3
Bliss, Idaho 83314

Dear Mr. Bostrom:

It appearing to the State Reclamation Engineer that the terms and conditions of Permit R-895 to appropriate the public waters of the State of Idaho, have not been complied with as to failure to submit proof of the beneficial use, due July 23, 1968

you are hereby notified that under the provisions of Section 42-311, Idaho Code, as amended, said permit is hereby held for cancellation, and you are required to show cause before the State Reclamation Engineer on or before October 7, 1968 why said permit should not be cancelled.

Permit R-895 claims the use of 300 acre feet per annum of water. The point of diversion was to be located SW¹/₄SW¹/₄, Sec. 29, T. 4 S., R. 13 E., ^{Burn}Gooding county

and the permit was approved August 28, 1952.

State Reclamation Engineer

RECEIVED

OCT 25 1968

Department of Reclamation

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

IN THE MATTER OF CANCELLATION)
OF PERMIT TO APPROPRIATE THE)
PUBLIC WATERS OF THE STATE OF)
IDAHO NO. R-895)

ORDER OF CANCELLATION

Permit Holder: Richard F. Bostrom

WHEREAS, Permit R-895 has lapsed through failure of the holder
to submit proof of beneficial use due July 23, 1968

_____, and
WHEREAS, due notice was given the holder of said permit that such proof
would be due on the date above mentioned, and

WHEREAS, on August 27, 1968 notice was sent to the holder of said
permit to appear before the State Reclamation Engineer on or before _____
October 7, 1968 to show cause why such permit should not be cancelled, and

WHEREAS, the holder of said permit has failed to comply with the require-
ments of said permit and has not shown cause why such permit should not be
cancelled.

IT IS THEREFORE, ordered and Permit R-895 is hereby cancelled.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official
seal of the Department of Reclamation at Boise, Idaho, this 18th day of
October _____, 19 68.

R. Kirk
State Reclamation Engineer

Mr. Haggins,

You are too slow with all your 'duct-tape' permits.
I have decided not to do this beneficial work for you.

R-895



UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

Idaho Land Office
Room 334, Federal Bldg.
550 W. Fort St.
Boise, Idaho 83702

IN REPLY REFER TO:

O:EKW

Idaho 07421

RECEIVED

NOV 1 1968

NOV 4 1968

State Reclamation Engineer
Department of Reclamation
Statehouse Annex # 2
614 State Street
Boise, Idaho 83707

Department of Reclamation

Dear Sir:

Mr. Don McEldowney requested that we advise you by letter the status of a reservoir easement granted to Richard J. Bostrom.

Mr. Bostrom filed his application for a right-of-way on a reservoir within the SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, Section 29, Township 4 South, Range 13 East, Boise Meridian, Idaho on August 7, 1956. His application was approved and he was granted permission to construct by our decision dated July 23, 1958. Mr. Bostrom subsequently filed proof with this office that he had complied with the rules and regulations and that the reservoir had been constructed. His proof of construction was accepted by this office on October 31, 1963.

Sincerely yours,

Eugene E. Babin
Assistant Manager - Operations

R-875

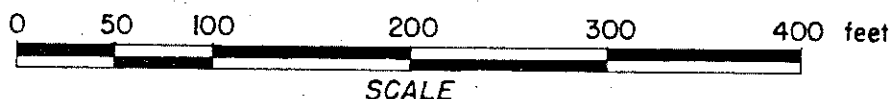
1974 RESERVOIR CAPACITY TABLE FOR WHITE ARROW DAM. BY BRIGGS & ASSOCIATES OF BOISE, ID.

Water Depth *	Contour	Water Surface Area (Acres)	Acre Feet	Accumulative Acre Feet
0	86.33	-0-		-0-
1	87	0.487	0.2	0.2
2	88	2.160	1.3	1.6
3	89	13.202	7.7	9.2
4	90	23.942	18.6	27.8
5	91	29.741	26.8	54.7
6	92	34.796	32.3	86.9
7	93	39.798	37.3	124.2
8	94	45.046	42.4	166.6
9	95	49.089	47.1	213.7
10	96	52.821	51.0	264.7
11	97	56.742	54.8	319.5
12	98	60.613	58.7	378.2
13	99	64.587	62.6	440.8
14	100	69.355	67.0	507.8

FROM

D37-4041
FILE.

* Depth is from invert of outlet pipe at inlet structure.



Revision A - Changed contours to conform to survey information of 6-13-74;
Revision B - Added information on spillways; J.D.C. 7-23-74
Revision C - Added hot springs water, water depth table; CWB 9-20-74

<i>Carlyle W. Briggs</i> 5-23-74	WHITE ARROW RANCH LOCATED NINE MILES NOR MICROFILMED IRRIGATION RESERV NOV 23 1998 SEC. 29, T.4S., R.13E., B.M., GOODING COUN	
	CONTOUR MAP AND CAPACITY TABL	
SCALE: 1" = 100'	DRAWN BY: J. D. CANNING DATE: MAY 23, 1974	SHEET 1 OF DWG. NO. CWB



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Cecil D. Andrus
Governor

R. Keith Higginson
Director

Statehouse
Boise, Idaho 83720
(208) 384-2215

August 3, 1976

Mr. Robert Erkins
White Arrow Ranch
P.O. Box 108
Bliss, ID 83316

RE: D37-4041

Dear Mr. Erkins:

It is our understanding that you currently have a sufficient water supply, and at the present, you do not plan to raise White Arrow Dam to its Stage II height.

A recent inspection of the dam revealed that the dam, as constructed, is about 6 feet high and stores approximately 40 acre-feet of water. At this size, the dam does not fall under the Department's jurisdiction and routine inspections will not be necessary.

If at a later date you decide to raise the dam as proposed in the approved plans and specifications, you must notify the Department prior to commencing construction. At that time, all requirements set forth in the approved plans and specifications must be met. If such construction does not take place within the next year and no definite schedule for completing such work is set, the Department will cancel approval of the plans in accordance with Section 42-1712 of the Idaho Code. You will be notified prior to any such cancellation.

Please let me know if you have any questions, or if any problems develop. The presence of seepage near the toe of a dam this low that has been constructed in accordance with engineered plans would be an area of concern that will warrant further investigation prior to any raising of the dam.

Sincerely,

WILLIAM R. GOSSETT, P.E.
Supervisor, Surface Water Section

WRG:AMS:ldt

CC: IDWR - Southern Region
Carlisle W. Briggs

MICROFILMED

MEMORANDUM

TO: Mike Stubblefield

DATE: June 16, 1976

FROM: Allen Merritt

SUBJECT: White Arrow Dam D37-4041

After the inspection of White Arrow Dam conducted on June 14, 1976, I talked with Mr. Erkins about his future plans for Stage II construction on the dam. Essentially, Mr. Erkins said that Stage I, which is completed, is currently providing enough water to supply their current demands. Mr. Erkins said Stage II will not be constructed unless the present situation changes.

During the inspection, it was noted that the upstream slope of the embankment has been significantly eroded by wave action. Since Stage II construction is not scheduled in the near future, the embankment should be repaired and rip-rap placed to protect the embankment as soon as possible.

Also noted during the inspection, were several areas where seepage was coming through the cracked lava bed upon which the dam is built. Several of these areas are right at the toe of the existing embankment. These areas should be of special note if any plans are made to raise the dam, such as proposed in Stage II construction.



Allen Merritt



State of Idaho
DEPARTMENT OF WATER RESOURCES
1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380
Phone: (208) 736-3033 FAX: (208) 736-3037

RECEIVED

SEP 17 1998

Department of Water Resources

September 15, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

Bill Baker
Bureau of Land Management
Shoshone District Office
P.O. Box 2-B
Shoshone, ID 83352-1522

RE: White Arrow Dam

Dear Mr. Baker:

The Bureau of Land Management recently inquired about the future of White Arrow Dam, located north of Bliss. A meeting was held at the BLM Shoshone Resource Office on July 13th to discuss White Arrow Dam. Since this meeting, the Department has reviewed pertinent file information, surveyed and examined the condition of White Arrow Dam, and has the following comments for your consideration.

It was determined that White Arrow Dam has a hydraulic height of 4.8 feet and a storage capacity of less than 50 acre-feet. The Department's Dam Safety Section does not regulate the dam because it does not meet the minimum criteria (10 feet in height or a storage capacity of 50 acre-feet) to be considered a jurisdictional dam, at this time.

If the dam embankment is to be reconstructed, it is recommended a small dam application (copy enclosed) be submitted with an appropriate filing fee (based on storage) in accordance with the State's Statutory Provisions (Title 42, Chapter 17, IDAHO CODE) and the Department's Safety of Dams Rules (copy enclosed).

Considering the obvious site problems, and maintenance items, that need to be addressed, we will advise you further when, and if, work proceeds. Since the project has been neglected, we recommend periodic maintenance (removal of woody growth and debris, eradication of rodents, repair of erosion damage, etc.) whether the dam is jurisdictional, or not.

MICROFILMED

NOV 23 1998

September 15, 1998
PAGE 2

During the July 13th meeting, it was indicated Mr. Robert Earkins had previously been responsible for the operation of White Arrow Dam, which is located on Bureau of Land Management property. Apparently Mr. Earkins' right of way agreement with the BLM expired in 1991, and the BLM has had full responsibility for the White Arrow Dam facility ever since.

Examination of the Department's water right records indicate Mr Earkins has a couple of water right filings that cover his use of White Arrow Dam. However, a water right does not grant a right-of-way, or easement, across lands not owned by the water right holder.

Further examination of the Department's water right records revealed that the Bureau of Land Management does not have a water right, or Snake River Basin Adjudication claim, filed that would cover White Arrow Dam. If the BLM is diverting water into White Arrow Dam, or using the dam to impound water, a water right is required. Obtaining Mr. Earkins' water right(s) would enable the BLM to have a water right for the White Arrow Dam facility. If water was beneficially used at White Arrow Dam prior to May 20, 1971, and this particular water use has not experience five consecutive years of non use (which may subject a water right to possible forfeiture), the BLM could probably file a valid beneficial use claim in the Snake River Basin Adjudication for the White Arrow Dam facility.

In summary, there are options for the BLM to consider in the possible rehabilitation and reconstruction of White Arrow Dam. However, there are dam safety and water right concerns with the facility. If you have any questions, or if I can be of any further assistance, feel free to contact me at your convenience.

Sincerely,



Corey Skinner, EIT
Dam Safety Section

Enclosures

MICROFILMED
NOV 23 1998

RECEIVED

AUG 20 1998

Department of Water Resources

MEMORANDUM

TO: White Arrow Dam (D37-4041) File

FROM: Corey Skinner *CS*

DATE: August 18, 1998

SUBJECT: Dam Failure and Possible Reconstruction

On July 2nd, I received a letter (copy enclosed) from Bill Baker, the area manager for the Shoshone office of the Bureau of Land Management. The letter was sent to announce a meeting concerning White Arrow Dam, which had failed last winter. The Bureau of Land Management wanted to hold the meeting to discuss issues relating to the future of the dam and the pond. I attended the meeting at the Bureau of Land Management office in Shoshone on July 13th. Information obtained at the meeting and examination of IDWR's Southern Region records reveal the past history of the dam:

White Arrow Dam and Reservoir are located on land owned by the Bureau of Land Management. The dam and reservoir are located in the south $\frac{1}{2}$ of Section 29 (T04S, R13E), on the Clover Creek drainage (offstream of Clover Creek) approximately $7\frac{1}{2}$ miles north of Bliss. Apparently, in 1958 the BLM issued a right of way to a gentleman with the last name of Bostrom. Mr. Bostrom constructed what is now known as White Arrow Dam. The dam apparently failed a couple of years after and Robert Earkins obtained the BLM right of way for the dam.

In the early to mid 1970s Mr. Earkins apparently decided to raise (possibly reconstruct?) White Arrow Dam. He apparently hired Briggs & Associates, an engineering firm from Boise, to oversee the project. An application for the work was submitted to the Department in 1974 and Briggs & Associates completed design work on the facility. In November of 1975, the Department was notified, by letter from Briggs & Associates, that the Stage I construction work on the dam was essentially completed. The letter also requested that the Department conduct an inspection so that Mr. Earkins could begin storing water in the winter of 1975 and spring of 1976.

The Department inspected the dam in November of 1975. The dam was estimated to be 5-6 feet high with an unknown storage capacity. A storage certificate was issued through June 1, 1976, with the condition that the ice protection equipment (?) to protect the inlet structure be completed and operable before water is stored behind the dam.

MICROFILMED

NOV 23 1998

Page 2
White Arrow Dam (D37-4041) Memo
August 18, 1998

The Department also inspected the dam in June of 1976. The inspection report lists a dam height of 6 feet and a storage capacity that was not listed. A June 16, 1976 memo mentions that Mr. Earkins said that he no longer planned on raising the dam beyond the existing Stage I height. An August 3, 1976 letter from the Department states that the dam, as constructed, is about 6 feet high and stores approximately 40 acre-feet of water. The letter states that at its current size, the dam does not fall under the Department's jurisdiction, and will no longer be inspected. The letter also mentions some concern about the presence of seepage at the dam.

Sometime in the late 1980s through early 1990's, Mr. Earkins and the BLM did not agree on the renewal of the right of way for the dam. In 1991, the right of way apparently expired, and the BLM took over full responsibility for the dam. Sometime this past winter, the dam failed and it has not yet been repaired.

The July 13th meeting at the BLM office in Shoshone was attended by several BLM representatives, Robert Earkins and a couple of his family members, representatives from the Fish & Game, and a couple of local sportsman who had frequented White Arrow Dam. Everyone talked about the dam and the surrounding area and the benefits associated with the dam and reservoir. It appeared that Mr. Earkins wanted to swing a deal with the BLM that would enable him to take care of the dam.

The BLM inquired about the possibility of rebuilding the dam and concerns that the Department might have. I explained that due to the water right situation and the moratorium, the Department could probably only authorize reconstruction of the facility to its historical capacity. Anything above the historical capacity of the facility would be viewed as a new water development and would require a new water right. I also explained that the Department's Dam Safety Section regulates dam's above a certain size, and may be involved in the reconstruction of the dam. In addition, the Department's Dam Safety Section may regulate the facility in the future depending on how (namely what dimensions) the dam was reconstructed. No one at the meeting had a reasonable idea of what the historical dimensions of the dam actually were, or if they had been changed or modified. I was hesitant to commit to our numbers from the 1970s since I was not sure how they were determined, and if the facility had been modified since our last inspection over 20 years ago. I told the BLM I would inspect the facility and get back with them.

MICROFILMED

NOV 23 1998

Page 3
White Arrow Dam (D37-4041) Memo
August 18, 1998

Examination of Southern Region's dam safety file for White Arrow Dam revealed that a reservoir capacity table had been developed by Briggs and Associates in 1974. This table was developed to obtain reservoir storage capacities at certain water storage levels in anticipation of the planned raising of White Arrow Dam back in the 1970's. The table appeared to be based off of a 1974 topographical survey of the reservoir area.

On July 20th, Georgia Satterlee and I visited White Arrow Dam with the idea of surveying the dam to determine the hydraulic height of the dam. This information, along with the Briggs & Associates reservoir capacity table should shed light on the past water storage at the facility. Georgia and I found the outlet invert at the downstream toe of the dam and based our survey off of this particular elevation, assumed to be 100.00 feet. A profile of the spillway channel was then surveyed. Other than a beaver dam that was constructed across the spillway channel, the overall spillway profile was pretty flat. The maximum channel elevation, excluding the beaver dam, was found to be 104.82 feet (4.82 feet above the outlet invert). Therefore, the hydraulic height of White Arrow Dam would be 4.82 feet. Using this height, the Briggs & Associates reservoir capacity table, and some linear interpolation (should yield a slightly higher theoretical capacity) the reservoir capacity was calculated to be 49.9 acre-feet.

This 49.9 acre-foot value depends on the 1974 reservoir capacity table developed by Briggs & Associates. I am assuming the reservoir area should be the same as in 1974. In actuality, the reservoir area probably is somewhat smaller due to sediment buildup in the reservoir. A note on the reservoir capacity table states that the water depths are from the invert of the outlet pipe at the inlet structure. I would interpret this to be the intake to the outlet on the upstream end of the outlet conduit. The 4.82 hydraulic height is based on the invert on the downstream end of the outlet conduit. If the outlet grade matches what served as the basis for the reservoir curve, then the 4.28 foot hydraulic height is slightly larger than the corresponding water depth value. Therefore, the calculated 49.9 acre foot storage value is probably a tad bit on the high side, and the actual reservoir storage at White Arrow Dam is probably slightly smaller. Needless to say, since this is the best information available, it appears that the storage capacity of White Arrow Dam is slightly less than 50 acre-feet.

Since White Arrow Dam has a hydraulic height of less than 10 feet, and a storage capacity of less than 50 acre-feet, it appears that it should not be regulated by the Department as a dam.

Examination of White Arrow Dam revealed a dam similar to what I had envisioned from the inspection reports from the mid 1970's. However, White Arrow Dam is in very poor condition. As previously mentioned, the dam failed this past winter. A fairly large breach, basically down to the dam's foundation, is present just right (north) of the outlet section. A beaver dam is constructed across the spillway channel. This beaver dam raised the water storage, infringing on available freeboard, to unsafe levels. One would suspect possible overtopping led to the failure of the dam, but if this were the case I would suspect that the failure would have occurred at a different location. The breach occurred at, or very near, the maximum section of the embankment.

What appeared to be several old caved in animal burrows existed on the dam crest perpendicular to the dam's major axis in several areas left (south) of the outlet section. These areas may have been old muskrat, or perhaps beaver, burrows since they were in the approximate location of the normal high water elevation. It is possible that a burrow at the washed out section of the embankment may have filled with water (and eventually caused failure of the dam) when the reservoir level increased due to the beaver dam in the spillway.

As mentioned previously, the failure occurred close to the outlet section of the dam. Perhaps problems with the outlet, or the fill material in the area, may have contributed to the dam failure. The area below the outlet and failure section was quite marshy. Established vegetation such as cattails and reeds were present. Seepage in this area may have also been a contributing factor in the failure of the dam.

Needless to say, the dam failed, and the lack of performance of proper maintenance and monitoring of the dam was a contributing factor in the failure of the dam. The beaver dam in the spillway should have been removed prior to its completion, and the beavers and other rodents should have been eradicated. Large growth such as the weeds, brush, trees, etc. should have been removed from the embankment and the surrounding area to ease in the observation of potential problems at the dam.

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White Arrow Dam (D37-4041) Memo
August 18, 1998

Fortunately, there was very little, if any, property damage caused by the failure of the dam. A paved road, built on fill material, exists directly below the dam. There was no apparent damage done to the road, or the areas below.

Examination of the water right records for White Arrow Dam reveal that Mr. Earkins has made some filings for the facility. An old statutory claim, 37-04041, appears to cover the facility. However, this particular claim (and corresponding SRBA claim) lists a volume (300.0 acre-feet) quite a bit larger than the actual historical facility volume. In addition, Mr. Earkins has a water right permit, 37-07426, which also appears to describe the White Arrow Dam facility. This permit lists a priority date of 1975 and Proof of Beneficial Use was filed on this particular permit in 1980. I suspect that this particular permit was applied for in anticipation of the raising of the dam in the mid 1970s. Examination of the Department's database reveals no water right or claim filings in the name of the Bureau of Land Management that could cover the White Arrow facility.

Judging from the water right records, it appears that the amounts on the claim(s) and permit for the facility are on the high side, and do not reflect the actual historical amounts. In addition, it appears that possible forfeiture of the water right(s) may be an issue that should be looked at when the claims are reviewed in the Snake River Basin Adjudication. Potential forfeiture due to five years of non use could occur if the dam is not rebuilt, or if Mr. Earkins has not been using the water since his lease expired with the BLM in 1991.

If the dam is reconstructed, it should be reconstructed in a way that does not increase its historical storage capacity. If the storage capacity is increased, it would result in an expansion of the historical water use. If the dam is reconstructed, an application for construction (alteration) of a small dam should be filed. Even though the dam should be non-jurisdictional, a slight modification could increase the height or storage capacity of the facility enough to make the dam jurisdictional. I recommend that a letter, along with a small dam application, be sent to the Bureau of Land Management. This letter should attempt to address the water right issues and the dam safety concerns so that the BLM can make an informed decision regarding the future of White Arrow Dam.

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2/2

DAM SAFETY



ABOVE: View looking across spillway channel at the left abutment back towards the dam and reservoir. Note beaver dam (circled) constructed in spillway channel. The beaver dam corresponds to station 0+40 on the spillway profile. Note brush and tree growth on, and near, the dam in the background.

RIGHT: View of remains of old eroded animal burrow (indicated by arrows) at crest of dam. This view is from the upstream slope of the dam, looking across the crest, towards area below dam. This particular eroded burrow went all the way through the crest towards the downstream slope. The survey rod is placed on the approximate centerline of the dam crest. There was about an 8 inch width of original dam crest left below the survey rod, with the burrow being eroded all the way through. Georgia is standing in the eroded burrow, downstream of the survey rod. Also note tree growth visible along the right edge of this view.

DAM FILE: 37-4041
DAM NAME: WHITE ARROW
DATE: 07/20/98
INSPECTED BY: J. SKINNER



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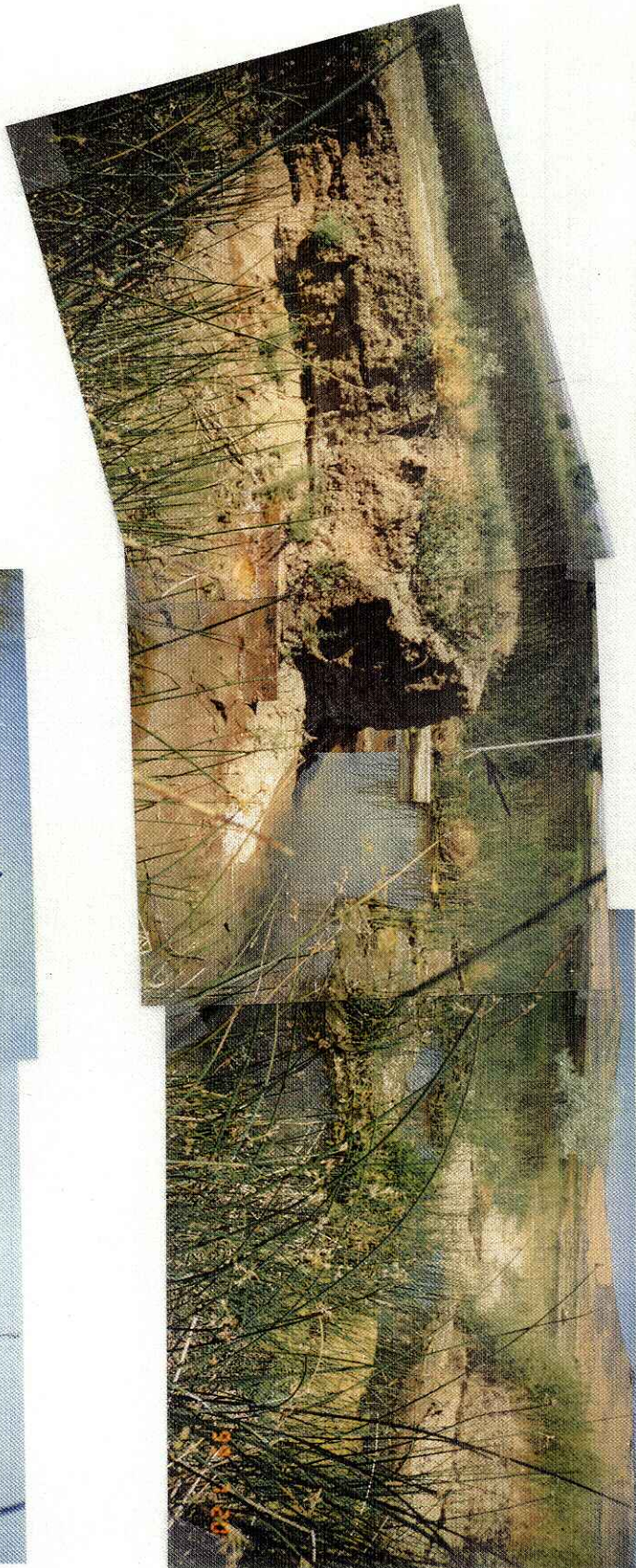
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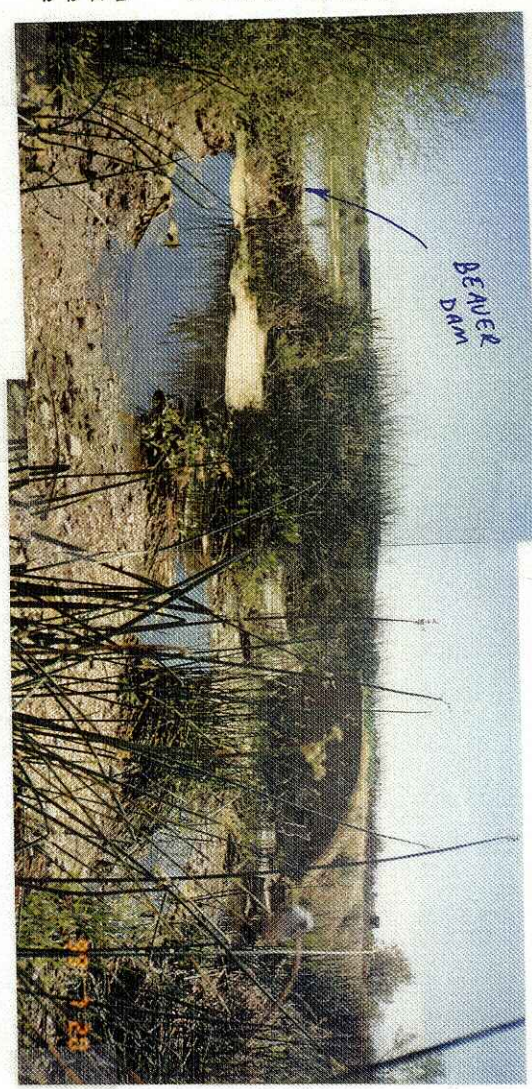
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DAM SAFETY



ABOVE: View looking downstream through the breached area at the outlet section of the dam. Survey rod (indicated by arrow) is placed at the downstream end of the outlet. Note parts of the cutoff collars are visible along the path of the outlet conduit. Note large eroded area to the left of the outlet, and main breach to the right of the outlet.

RIGHT: View looking upstream through breached area of dam back towards reservoir. Note beavers are in the process of damming the breached area.



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