

10/26/2005

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

RIGHT NUMBER: 77-7124

NAME AND ADDRESS: THE TRUST FOR PUBLIC LAND
1011 WESTERN AVE
SEATTLE WA 99223

SOURCE: MONUMENTAL CREEK TRIBUTARY: BIG CREEK

QUANTITY: 0.500 CFS
27.500 AFY

PRIORITY DATE: 04/16/1981

POINT OF DIVERSION:

T19N R10E S25 NESW Within VALLEY County

The issuance of this right does not grant any right-of-way or easement across
the land of another.

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
MINING FROM STORAGE	01/01 12/31	1.80 AFY
DIVERSION TO STORAGE	01/01 12/31	0.500 CFS
MINING STORAGE	01/01 12/31	1.80 AFY
MINING	01/01 12/31	0.500 CFS 25.70 AFY

When water used under this right is discharged into the natural channel,
settling ponds must be maintained which are capable of reducing the silt
load to such a level that the quality of water will not be impaired for other
beneficial uses.

Water used under this right when discharged into a natural channel or
subsurface system shall meet Idaho Water Quality Standards.

PLACE OF USE: MINING Within VALLEY County

T19N R11E S21	NESW	T19N R11E S21	SWSW
T19N R11E S21	SESW	T19N R11E S21	SWSE
T19N R11E S28	NENW	T19N R11E S28	NWNW
T19N R11E S28	SWNW	T19N R11E S28	SENW
T19N R11E S29	NENE	T19N R11E S29	NWNE
T19N R11E S29	SWNE	T19N R11E S29	SENE
T19N R11E S29	NESW	T19N R11E S29	NWSW
T19N R11E S29	SWSW	T19N R11E S29	SESW
T19N R11E S29	NESE	T19N R11E S29	NWSE
T19N R11E S29	SWSE	T19N R11E S29	SESE

MINING FROM STORAGE same as MINING

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:
Water Right 77-7124

10/26/2005

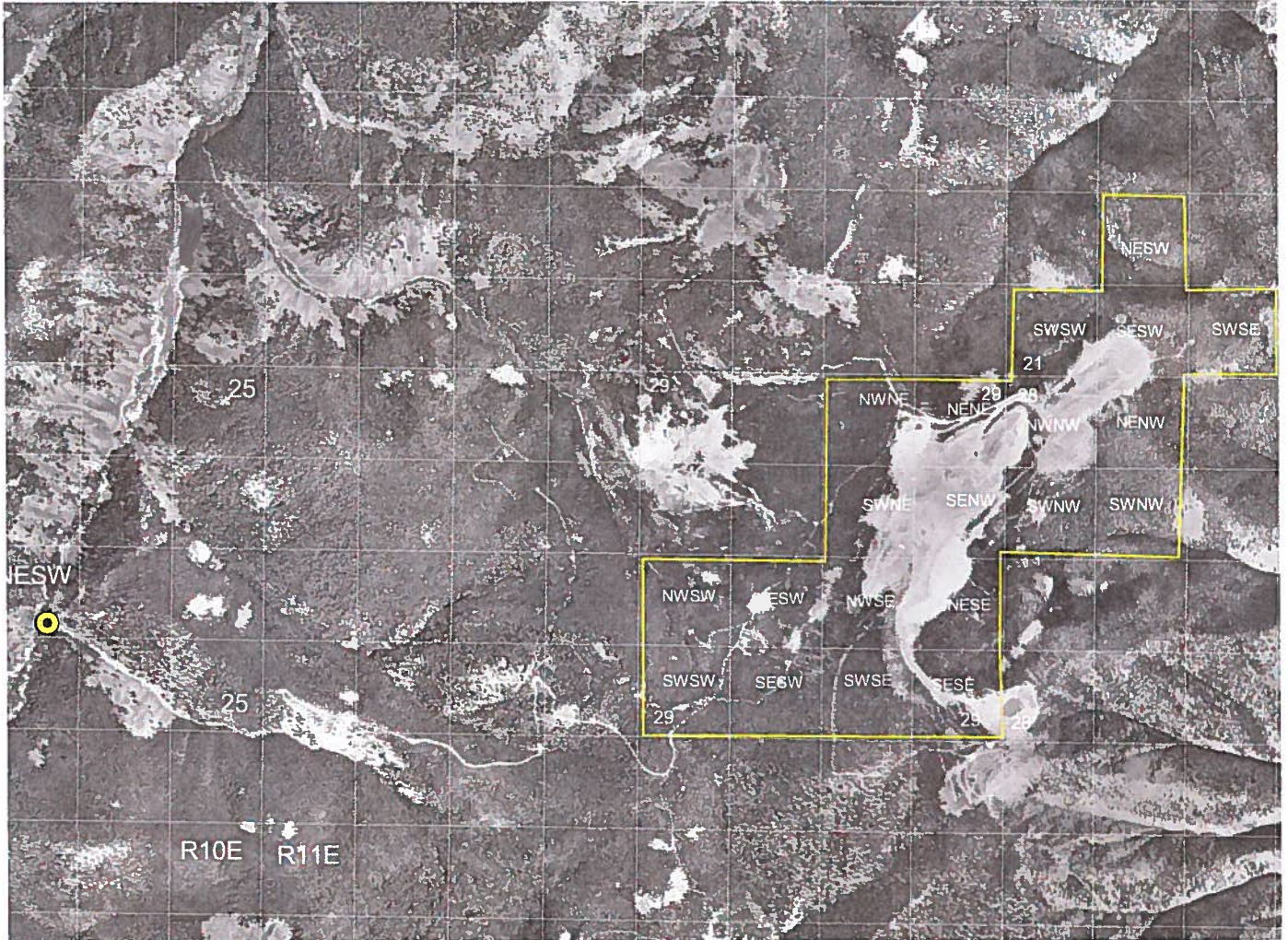
IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

The total combined rate of diversion under this right and Right No.
77-07129 shall not exceed .50 cfs.
The diversion of water under this right may be affected by the agreement
dated 12/7/1984.
Mining use is for multiple operations for gold extraction and dust control.

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

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

77-7124



0 2000 4000 Feet

Sections 21, 28 & 29
T19N R11E
Section 25
T19N R10E



● Point of Diversion

□ Place of Use

Map prepared on February 11, 2005
By Kenneth Knoblock
Idaho Department of Water Resources

See 77-2006 for documentation

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NOTICE OF CHANGE IN WATER RIGHT OWNERSHIP

RECEIVED

OCT 11 2005

WATER RESOURCES
WESTERN REGION

Please print or type. Attach pages with additional information. Instructions are included at the end of this form.
Incomplete forms will be returned.

1. Please list the water right number(s) and/or adjudication claim number(s) (if any) for each water right to be changed. List just the adjudication claim number if there is no corresponding water right record on file with the department. Indicate, by checking in the space provided (under the "split" heading), if the change in ownership is limited to a portion of a water right in which case division of the existing water right or adjudication claim record will be required.

Water Right No(s).	Adjudication Claim No(s).	Split	Water Right No(s)	Adjudication Claim No(s).	Split
77-02006	A77-02006	___	77-07124	A77-07124	___
77-02084	A77-02084	___	77-07129	A77-07129	___
77-02086	A77-02085	___	77-07201	A77-07201	___
77-04055	A77-04055	___	77-07211	A77-07211	___
77-07087	A77-07087	___	77-07217	A77-07217	___
77-07123	A77-07123	___			

2. The following REQUIRED information must be submitted with this form:

- A. The appropriate FILING FEE. See instructions for fee amounts.
- B. A copy of the most recent DEED, TITLE POLICY, CONTRACT OF SALE or other legal document indicating your ownership of the property and water right(s) or claim(s) in question, WITH ATTACHED LEGAL DESCRIPTION.
- C. Either of the following (if necessary to clarify division of water rights or other complex property descriptions):
PLAT OF PROPERTY or SURVEY MAP clearly showing the location of the point(s) of diversion and place of use of your water right(s) and/or adjudication claim(s) (these are usually attached to your deed or on file with the county).
OR
If your water right(s) and/or adjudication claim(s) is for ten or more acres of irrigation, you must submit a USDA Farm Service Agency AERIAL PHOTO with the irrigated acres outlined and point(s) of diversion clearly marked. The AERIAL PHOTO should be submitted in place of the PLAT OF PROPERTY or SURVEY MAP.

3. Name and Address of Former Owner/Claimant(s)

THUNDER MOUNTAIN GOLD, INC. (DEWEY MINING CO., INC.)
3006 EAST 16TH AVENUE

4. New Owner/Claimant(s)

SPOKANE, WA 99223

New Mailing Address

THE TRUST FOR PUBLIC LAND
1011 WESTERN AVENUE, SUITE 605

City, State and ZIP Code

SEATTLE, WASHINGTON 98104

New Telephone Number

206 587-2447

5. Date you acquired the property

SEPTEMBER 1, 2005

6. If the change in ownership affects the entire water right for each water right or adjudication claim number listed in item 1, THEN SKIP THIS ITEM AND GO TO ITEM 7. If the change in ownership divides the water right(s) among multiple owners, you must describe, in detail, your portion of each water right after the change. Fill in the appropriate spaces in the box(es) below to describe your water right(s) after the change (one water right per box, you may copy this page as necessary). If your quantity of water is greater than a proportionate split, you must attach documentation to show justification for a larger amount. If you are not sure how to identify your portion of the original water right or adjudication claim records, please contact the nearest IDWR office for assistance.

DESCRIPTION OF YOUR PORTION OF WATER RIGHT (If the right(s) will not be split, skip this area and proceed to item 7)		
Water Right and/or Adjudication Claim Number _____		
Water Use	Diversion Rate or Volume (cubic feet per second or acre-feet per annum)	Description (acres, number and type of stock, homes, etc)
Irrigation	_____	_____
Stock	_____	_____
Domestic	_____	_____
Other _____	_____	_____
Total	_____	

DESCRIPTION OF YOUR PORTION OF WATER RIGHT (If the right(s) will not be split, skip this area and proceed to item 7)		
Water Right and/or Adjudication Claim Number _____		
Water Use	Diversion Rate or Volume (cubic feet per second or acre-feet per annum)	Description (acres, number and type of stock, homes, etc)
Irrigation	_____	_____
Stock	_____	_____
Domestic	_____	_____
Other _____	_____	_____
Total	_____	

7. Signature of New Owner(s) or Claimant(s) James E. Jyner
(include title if applicable) REGIONAL COUNSEL, THE TRUST FOR PUBLIC LAND

For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him/her for all matters related to your claims.

For Office Use Only

Received by _____ Date _____ Fee _____
 Receipted by _____ Date _____ Receipt No. _____
 Processed by _____ AJ Date _____ WR _____ Date _____

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 77-07124

Priority: April 16, 1981

Maximum Diversion Rate:

0.50 CFS

Maximum Diversion Volume:

27.5 AF

This is to certify, that THUNDER MOUNTAIN GOLD INC

301 S CHESTNUT STE 7

SPOKANE WA 992040970

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 16, 1981; and has submitted Proof of Beneficial Use on August 15, 1988. An examination indicates that the works have a diversion capacity of 13.400 cfs of water from:

MONUMENTAL CREEK

tributary to BIG CREEK

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MINING	01/01 to 12/31	0.50 CFS	25.7 AF
MINING STORAGE	01/01 to 12/31		1.8 AF
MINING FROM STORAGE	01/01 to 12/31		1.8 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.50 CFS	
	Totals	0.50 CFS	27.5 AF

LOCATION OF POINT(S) OF DIVERSION:

NESW , Sec. 25, Township 19N, Range 10E
VALLEY County

PLACE OF USE: MINING
TWN RGE SEC

19N 11E 21	NESW	SWSW	SESW
	SWSE		
28	NENW	NWNW	SWNW
	SENW		
29	NENE	NWNE	SWNE
	SENE	NESW	NWSW
	SWSW	SESW	NESE
	NWSE	SWSE	SESE

PLACE OF USE: MINING FROM STORAGE, same as MINING use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.

RECEIVED

DEC 03 1993

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

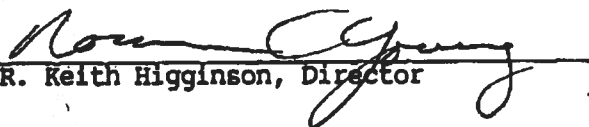
WATER RIGHT NO. 77-07124

CONDITIONS/REMARKS:

2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. When water used under this right is discharged into the natural channel, settling ponds must be maintained which are capable of reducing the silt load to such a level that the quality of water will not be impaired for other beneficial uses.
7. Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
8. The total combined rate of diversion under this right and Right No. 77-07129 shall not exceed .50 cfs.
9. The diversion of water under this right may be affected by the agreement dated 12/7/1984.
10. Mining use is for multiple operations for gold extraction and dust control.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 12TH day of NOVEMBER, 1993.

Acting for


R. Keith Higginson, Director

DEC 03 1993

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: A77-07124
Date Received: 11/23/1988
Receipt No: W002519
Received By: DE MATH

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: THUNDER MOUNTAIN GOLD INC. 208-667-3511
Address: C/O COEUR D'ALENE MINES CORP.
505 FRONT AVENUE, SUITE 400
COEUR D'ALENE, ID 83814

2. Date of Priority: APR 16, 1981

3. Source: MONUMENTAL CREEK Trib. to: BIG CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
19N	10E	24		NE	SE		VALLEY
		25		SW	NE		VALLEY

5. Description of diverting works:
DAM, PUMP & PIPELINE.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
MINING STORAGE	01/01	12/31			10.00
MINING	01/01	12/31	1.000		

7. Total Quantity Appropriated is:
0.500 C.F.S. (and/or) 10.00 A.F.A.

8. Total consumptive use is 0.5 Acre Feet Per Annum.

9. Non-irrigation uses:
MINING AND MILLING

10. Place of Use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
19N	11E	21	NE SW		MINING	
			SW SW		MINING	
			SE SW		MINING	
			SW SE		MINING	
		28	NE NW		MINING	
			NW NW		MINING	
			SW NW		MINING	
			SE NW		MINING	
		29	NE NE		MINING	
			NW NE		MINING	
			SW NE		MINING	
			SE NE		MINING	
			NE SW		MINING	
			NW SW		MINING	
			SW SW		MINING	
			SE SW		MINING	
			NE SE		MINING	
			NW SE		MINING	
			SW SE		MINING	
			SE SE		MINING	

11. Place of use in counties: VALLEY

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

13. Other Water Rights Used:

77-7127,77-7123,77-7129,77-7201,77-7217

14. Remarks:

NO MORE THAN 0.50 CFS MAY BE DIVERTED UNDER THIS PERMIT & THE COMBINED DIVERSION OF THS PERMIT & PERMIT NOS. 77-7201 & 77-7129 SHALL NOT EXCEED 0.50 CFS. THE DIVERSION OF WATER UNDER THIS PERMIT MAY BE AFFECTED BY THE AGREEMENT DATED 12/7/1984. PROPERTY LISTED ABOVE AS PLACE OF USE IS COMPRISED OF MINING CLAIMS OWNED BY OR LEASED TO THUNDER MOUNTAIN GOLD, INC. ON UNITED STATES FOREST LAND,AND SUBJECT TO THE PARAMOUNT TITLE OF THE UNITED STATES WITH RESPECT TO UNPATENTED MINING CLAIMS.

15. Basis of Claim: PERMIT

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: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____
My Commission Expires _____

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

27 - 7129

Date Received

11-23-88

Receipt Number

W002519

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED
NOV 23 1988

Department of Water Resources
Western Regional Office

Please type or print clearly

1. Name of Claimant (s) Thunder Mountain Gold, Inc. Phone (208) 667-3511

Mailing Address

c/o Coeur d'Alene Mines Corp.

505 Front Avenue, Suite 400

Zip

83814

2. Date of Priority (Only one (1) per claim) April 16, 19813. Source of water supply (a) Monumental Creekwhich is tributary to (b) Big Creek4. a. Location of existing point of diversion is: Township 19N Range 10E Section 25,SW 1/4 of NE 1/4 of 1/4, Govt. Lot, B.M., County of ValleyAdditional points of diversion if any: T19N, R10E, B.M. / § 24: NE¼SE¼

b. If instream flow, beginning point of claimed instream flow is:

Township Range Section , 1/4 of 1/4 of 1/4,Govt. Lot B.M., County of ending point is: Township Range Section , 1/4 of 1/4 of 1/4, Govt. Lot B.M., County of

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. One foot high dam with excavated reservoir
(approximately five cubic yards); water pumped by pump (225 gpm) through 3-inch
pipeline.

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6. Water is claimed for the following purposes:

(both dates are inclusive) (cfs) (acre feet)

For Mining Storage purposes from Jan. 1 to Dec. 31 amount 10 or 10

For Mining purposes from Jan. 1 to Dec. 31 amount .50 or

For Milling purposes from Jan. 1 to Dec. 31 amount .50 or

For purposes from to amount or

7. Total quantity claimed (a) .50 (cfs) and/or (b) 10 (acre feet)

8. Total consumptive use claimed is .50 cfs or 10 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) mining and milling

10. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
19N	11E	21									X		X	X			X		
19N	11E	28					X	X	X	X									
19N	11E	29	X	X	X	X					X	X	X	X	X	X	X	X	

Total number of acres irrigated

11. In which county (ies) are lands listed above as place of use located? Valley

See explanation under No. 14 below.

12. Do you own the property listed above as place of use? / Yes No
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.
77-7127, 77-7123, 77-7129, 77-7201, 77-7217 or None ()

14. Remarks: Property listed above as place of use is comprised of mining claims owned by or leased to Thunder Mountain Gold, Inc. on United States Forest Service Land, and subject to the paramount title of the United States with respect to unpatented mining claims.

Last Name Thunder Mountain Gold, Inc. Ident No.

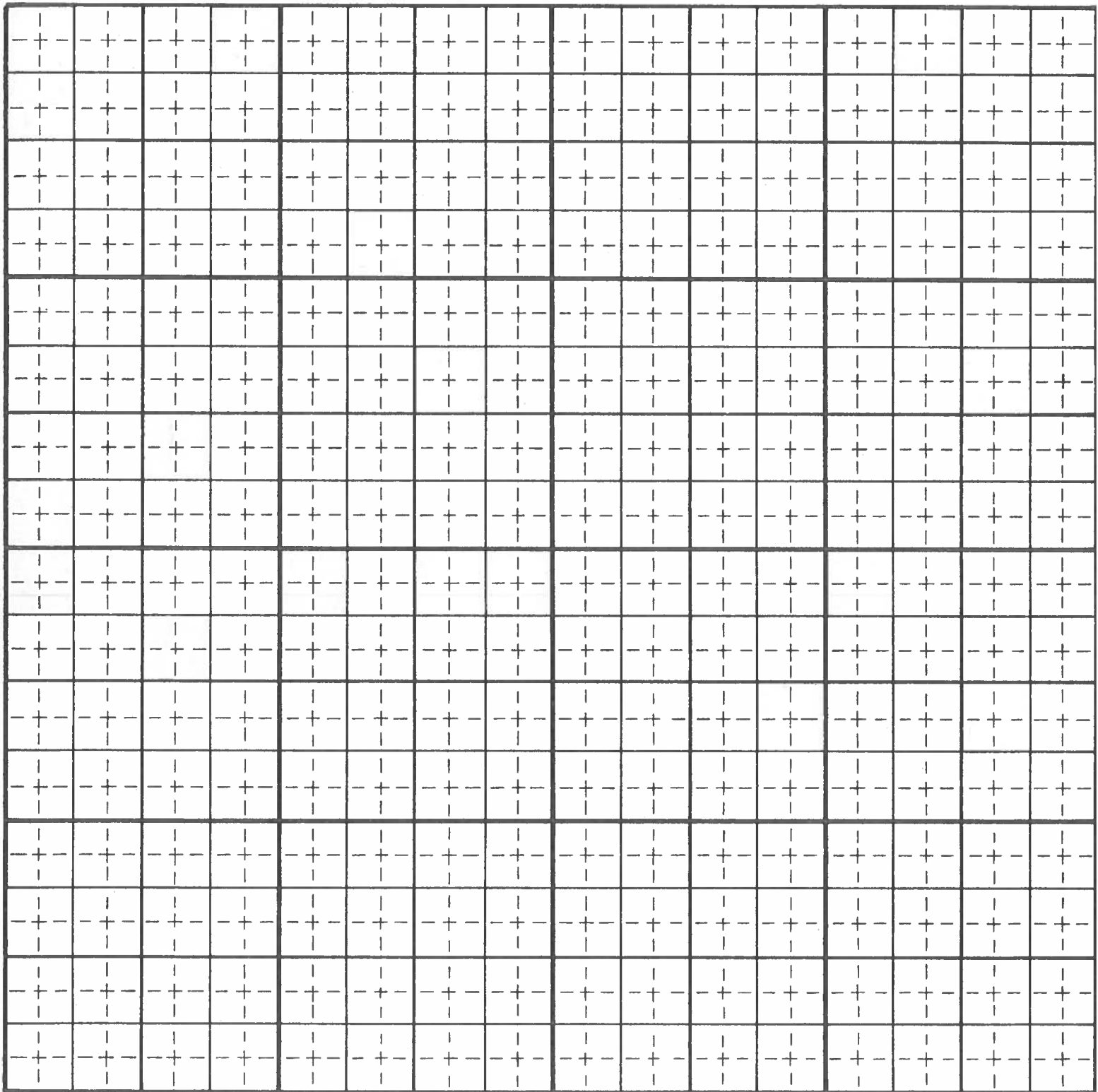
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Copies: White, Black, Yellow Claimant

ACT 05 1002

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

Scale: 2 inches equals 1 mile

SEE ATTACHED MAP



Last Name Thunder Mountain Ident No. _____
Gold, Inc.

Copies: White-State, Yellow-Claimant
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15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit x
Decree _____
If applicable provide IDWR Water Right Number 77-7124
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

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

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Governmental Affairs Assistant Manager
Coeur _____ Title _____
of Thunder Mountain Gold, Inc., that I have signed the foregoing
Organization _____
document in the space below as an authorized agent of Thunder Mountain Gold, Inc.
Title _____ Organization _____
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent R.K. Upmouthy

Title and Organization Governmental Affairs Assistant Manager Date November 23, 1988
Coeur Thunder Mountain Gold, Inc.

State of Idaho/or _____)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this 23rd day of November 1988

SEAL

Notary Public Judie E. Taylor

Residing at Boise, Idaho

My Commission Expires April 23, 1994

Please Print Name Judie E. Taylor

17. Notice of Appearance:

Notice is hereby given that I, Sheila G. Bush, Holland & Hart will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature Sheila G. Bush

Address P.O. Box 2527, Boise, Idaho 83701

Date November 23, 1988

Last Name Thunder Mountain Ident. Number _____
Gold, Inc.

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Copies White-State, Yellow-Claimant
OCT 05 1992

POINT OF
DIVERSION

R10E | R11E

MILES



12/22/1988

SRBA CLAIMS RECEIVING CHECKLIST

CLAIMANT'S NAME Thunder Mt Gold Inc CLAIM IDENT. NO. 77-07129

DATE RECEIVED 11/23/88 CK # 4824 AMOUNT \$ 625⁰⁰/100⁰⁰

	YES	NO	Required info?
1. Is the name and address complete with zip code?	☒	☐	*
2. Is a priority date entered?	☒	☐	*
Is the priority date acceptable in view of mandatory filing dates?	☒	☐	*
3. (a) Is a source entered?	☒	☐	*
(b) Is a tributary to entered? (if required)	☒	☐	
4. Is the legal description of the p.d. sufficient?	☒	☐	*
5. Is there a description of the diverting works?	☒	☐	
6. Are the water uses appropriate for the form? The short form is limited to domestic and stockwater uses with direct diversion. All claims that include storage or instream stockwater must use long form.	☒	☐	
Is the period of use included?	☒	☐	
Is a quantity claimed for each use?	☒	☐	*
7. Is a total quantity claimed entered?	☒	☐	
8. If required is a consumptive use entered?	☒	☐	
Is the consumptive use correct?	☒	☐	
9. Are the non-irrigation uses listed properly? If this claim is on the short form, and more than one domestic use is listed, single ownership must be stated. If not under single ownership, see Adjudication Memo # 4.	☒	☐	*
10. Is (are) the place(s) of use and purpose(s) indicated?	☒	☐	*
11. Is (are) the county(ies) entered?	☒	☐	
12. Is the ownership of p.u. checked?	☒	☐	See remarks
13. Are other water rights listed or "none" indicated?	☒	☐	
14. If required, are remarks correct? (If the claimant does not own the place of use, authority for filing the claim must be explained in the remarks.)	☒	☐	
15. Is the basis of the claim indicated?	☒	☐	
16. Has the claimant requested a monthly docket sheet? (If yes, describe payment status in "Comments" below.)	☐	☒	
17. Is the claim signed by the claimant, and is the signature appropriate?	☒	☐	*
18. Has the claim been signed, sealed, and dated by a notary?	☒	☐	*
19. Was this claim filed on time, or was an extension granted?	☒	☐	*
20. Is the fee enclosed correct?	☒	☐	*
21. If this claim is based on an existing water right, has the identification number been entered?	☒	☐	
22. Should this claim be receipted and data entered?	☒	☐	

Claim checked by: EXK Date: 03/07/89Claim must be returned to claimant: ☐ (Yes) ☒ (No)Claimant must be sent a copy of amended claim for approval: ☐ (Yes) ☒ (No)Receipt Prepared by: _____ Date: _____
Claim data entered by: _____ Date: _____
Sent to claimant by: _____ Date: _____
Checked by: _____ Date: _____Comments: Not Field Examined: Proof Submitted 08/15/89

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OCT 05 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 77-7124

1. Owner: COEUR-THUNDER MOUNTAIN INC

Phone No. 385-0373

Current Address: 2417 BANK DR SUITE 302 BOISE ID 83705

2. Accompanied by: IVAN URNOVITZ

EXAM. DATE: 8-19-88

Address: 2417 BANK DR. SUITE 302 BOISE, ID
83705

Phone No. 385-0373

Relationship to Permit Holder: MINE ENGINEER 03

3. Source: MONUMENTAL CREEK tributary to BIG CREEK

B. OVERLAP REVIEW

1. Other water rights with same place of use: 77-7201, 77-7123, 77-7217
77-7129 ☐ Copies

☐ Copies Attached

2. Other water rights with same point of diversion: NONE

☐ Copies Attached☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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

Scale: 1" = _____

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

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

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

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5000 GAL TRUCK						
4200 GAL TRUCK						
STOP WATCH						

2. Measurements:

MEASURED 5000 GAL 1 MIN 50 SEC (LOTS OF SPELLING)
 MEASURED 4200 GAL 42 SEC (GOOD FELL)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$4200 / \frac{42}{60} = 6000 \text{ GPM} / 448.8 = \underline{\underline{13.4 \text{ CFS}}}$$

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional) *N/A*

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

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

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$\text{POND VOLUME} = 580,000 \text{ GAL} / 325,829 = 1.78 \approx 1.90 \text{ AF}$$

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System Description (continued)

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

SYSTEM IS A 4000 GPM PUMP FOR LOADING WATER TRUCKS. A SMALL DAM TO POND WATER FOR THE INTAKE IS INSTALLED AND DECKING IN THE RIVER BOTTOM FOR TRUCKS TO DRIVE ON, PER FOREST SERVICE REQUIREMENTS. THE PUMP FILLS 2 WATER TRUCKS ONE HOLDS 5000 GAL AND THE OTHER HOLDS 4200 GAL WATER IS USED FOR DUST CONTROL OF DUMPED INTO A PLASTIC LINED STORAGE POND FOR OTHER MIXING USES.

☒ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	JOHN DEERE	UNK	6243700	WATER MASTER	8"

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

5. Point(s) of Diversion:

AREA UNSURVEYED.

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
				NE SW	25	19N	10E	VALLEY	QUAD MAP

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
19N	11E	21									X		X	X			X		
19N	11E	28					X	X	X	X									
19N	11E	29	X	X	X	X					X	X	X	X	X	X	X	X	

Do not use this space

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

STORAGE POND AT THE OFFICE COMPLEX WEST OF DOMESTIC USE STORAGE TANK, PER ENGINEERS REPORT FOR THUNDER MTN, HOLDS 550,000 GAL WITH A SMALLER 30,000 GAL SETTLING POND JOINED WITH IT, (REFERRED TO AS FIRE WATER POND)

WATER USE FROM POND IS HEAP LEACH, MILLING OPERATIONS, DUST CONTROL AND TO AGGLOMERATE THE ORE.

USE IS YEAR ROUND WITH THE MAJORITY OF USE DURING THE SUMMER MONTHS.

MEASURED = 13.4 CFS

PERMIT = 0.50 CFS

RECOMMENDED RATE

FEE P.D. MAX = 1.0 CFS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
MINING STORAGE	1-1	12-31		1.80
DIVERSION TO STORAGE	1-1	12-31	0.50	-
MINING	1-1	12-31	0.50	
MINING FROM STORAGE			X	1.80
Totals:			0.50 CFS	1.80 KFA

2. Recommended Amendments

☒ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

☒ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

J. AUTHENTICATION

Field Examiner's Name

KELLY K. CHRISTENSEN

Signature

Kelly K. Christensen

Certification Date

Field Report Preparation Date

1-20-89

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

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COUER- THUNDER MOUNTAIN WATER RIGHTS

WATER INITIALLY IS STORED IN A PLASTIC LINED PIT DIVIDED INTO TWO PARTS. ONE PORTION HOLDS 30,000 GAL AND ACTS AS A SETTLING POND FOR ANY RUN OFF ENTERING THE SYSTEM. THE MAIN POND HOLDS 550,000 GAL. (VOLUME IS FROM ENGINEERS REPORT FOR THUNDER MTN) POND IS REFERRED TO AS THE "FIREWATER" POND.

WATER IS THEN USED FROM THE POND ON THE HEAP LEACH (CHEMICAL EXTRACTION PROCESS), IN THE MILLING OPERATIONS, TO AGGLOMERATE THE ORE, AND FOR DUST CONTROL.

WATER FROM PERMITS 77-7201, 77-7123, 77-7217, 77-7129, AND 77-7124 ARE USED IN THIS MANNER. DELIVERY FROM EACH P/D IS DESCRIBED IN ITS RESPECTIVE FIELD REPORT.

NO DOMESTIC USE WAS FOUND FOR THE ABOVE PERMITS.

PERMIT 77-7211 IS FOR DOMESTIC USE BUT THE OVER FLOW DUMPS INTO THE FIRE WATER POND. NORMAL OPERATION IS TO SHUT THE PUMP OFF BEFORE WATER REACHES THE OVERFLOW SPOUT.

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