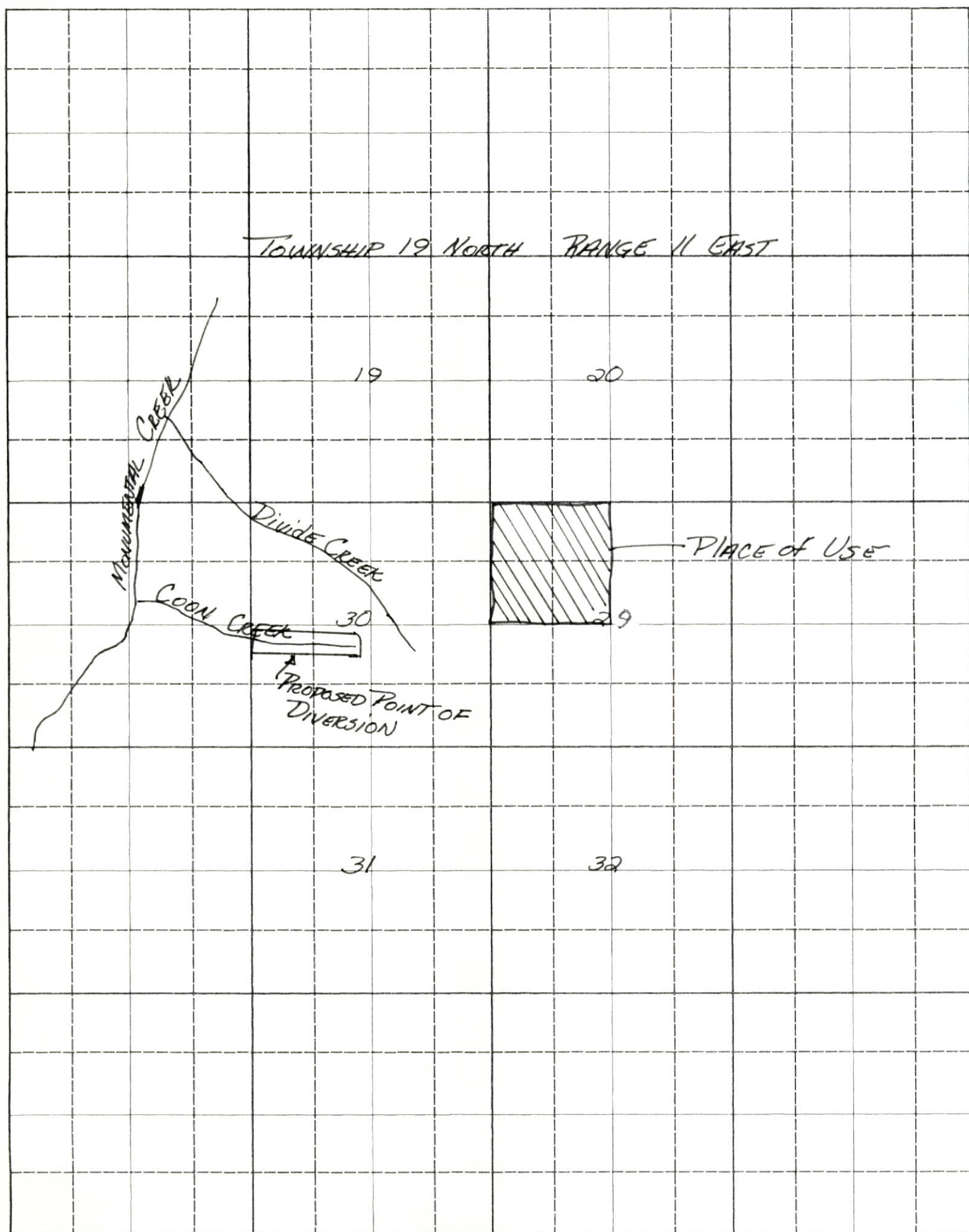


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

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

Robert T. Richins
(Applicant)

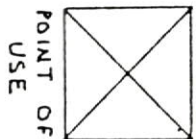
Robert T. Richins
Agent for Canadian Superior Mining (U.S.) Ltd.

RECORDED

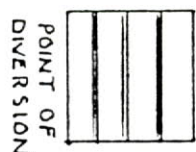
ORIGINAL IN 77-7211

S.21

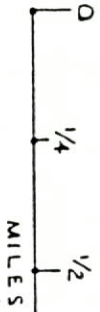
MAP OF PROJECT AREA
BOISE MERIDIAN



POINT OF
USE



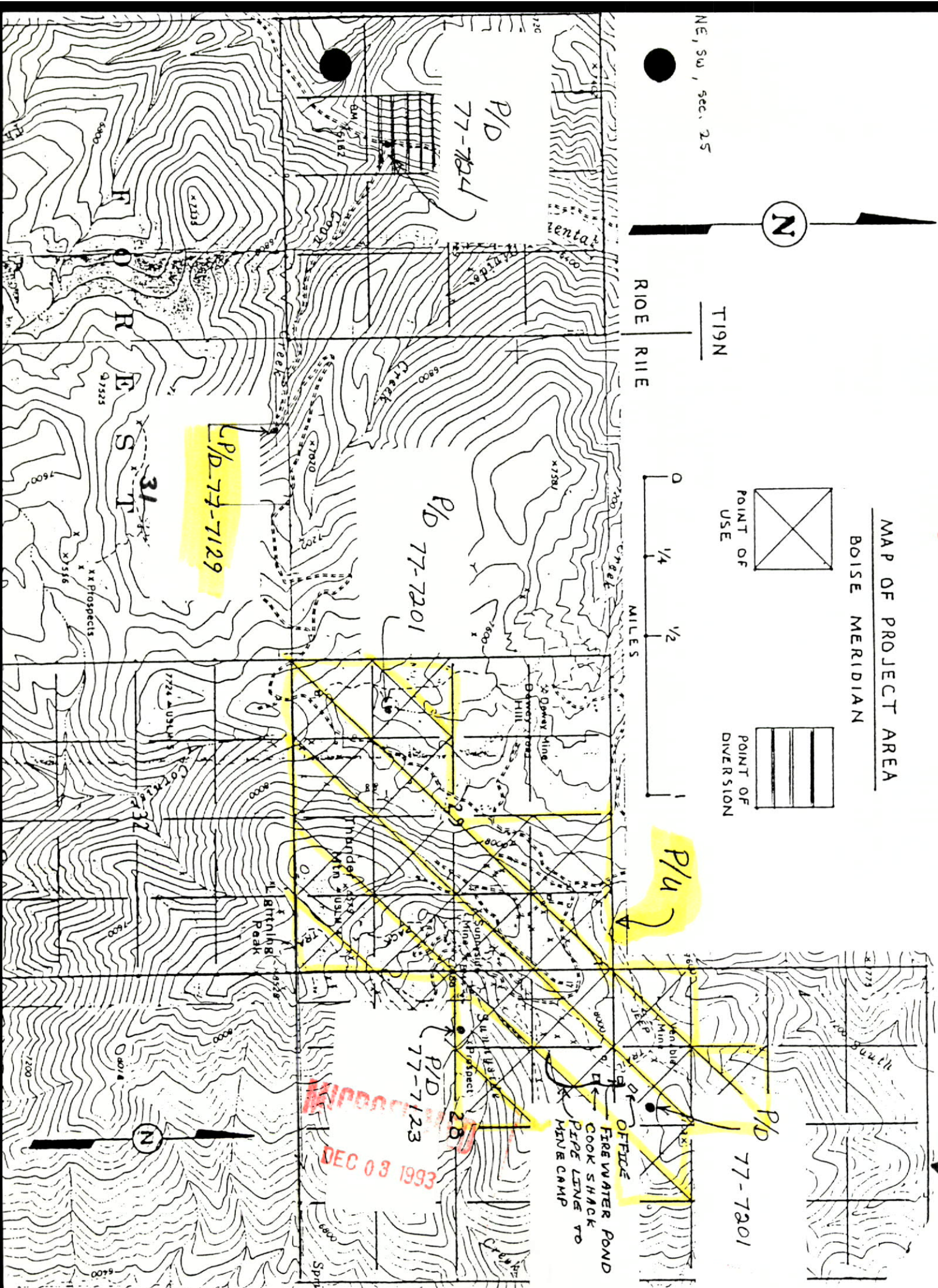
POINT OF
DIVERSION



T19N
R10E R11E



NE, SW, sec. 25



17- 07129



RECEIVED
DEC 03 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 77-07129

Priority: April 16, 1981

Maximum Diversion Rate: 0.25 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 .250 cfs of water from:

COON CREEK tributary to MONUMENTAL 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	0.25 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	0.25 CFS	
	Totals	0.25 CFS	27.5 AF

LOCATION OF POINT(S) OF DIVERSION:

NENW , Sec. 31, Township 19N, Range 11E
VALLEY County

PLACE OF USE: MINING
TWN RGE SEC

19N 11E 21	NESW	SWSW	SESW
	SWSE		
28	NENW	NWNW	SWNW
	SESW		
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.

DEC 03 1993

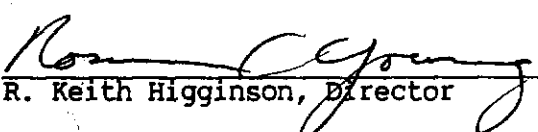
State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 77-07129

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. 77-07124 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 17TH day of NOVEMBER, 1993.


Acting for R. Keith Higginson, Director

MICROFILMED

DEC 03 1993

RECEIVED
SEP 13 1993

APPROVED

State of Idaho
Department of Water Resources

RECEIVED
AUG 24 1993
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 77-07129

Date of Priority: April 16, 1981

Maximum Diversion Rate:
Maximum Diversion Volume:

0.25 CFS
27.5 AF

Comes now THUNDER MOUNTAIN GOLD INC
301 S CHESTNUT STE 7
SPOKANE WA 992040970

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 77-07129, and requests that the permit be changed as follows:

Source: COON CREEK

tributary to MONUMENTAL CREEK

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MINING	01/01 to 12/31	0.25 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	0.25 CFS	
	Totals	0.25 CFS	27.5 AF

LOCATION OF POINT(S) OF DIVERSION:

NENW , Sec. 31, Township 19N, Range 11E
VALLEY County

PLACE OF USE: MINING
TWN RGE SEC

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

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

MICROFILMED
DEC 03 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 77-07129

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

Signed at Cascade ID, this 7th day of Sept, 1993.

James Collopy
(Signature)

RECEIVED
DEC 03 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 77-07129

FOR DEPARTMENT USE ONLY

Preliminary check by B Fee = 20⁰⁰ Received by CA # C028425 Date 8-24-93

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 77-07129 with the following;

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. 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. 77-07124 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.

RECORDED

DEC 23 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)

WATER RIGHT NO. 77-07129

Witness my hand this 17th day of NOVEMBER, 1993.

Acting for R. Keith Higginson, Director

RECEIVED
DEC 08 1993

RECEIVED

STATE OF IDAHO

AUG 15 1988

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Fee Received CP
Date 8/16/88
Receipt # C002243
Receipt by CP
Reviewed by AS
Sent to region

PROOF OF BENEFICIAL USE Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 77-7129

Name(s) of Permit Holder: Thunder Mountain Gold, Inc.

Post Office Address: 1306 Washington Mutual Bank Bldg.

Spokane, WA 99201

Telephone No. N/A

Source of Water: Coon Creek

Extent of Use:

Domestic X (number of households)

Stockwater (number and type of stock)

Irrigation (acres)

Other/Remark Mining/Milling

Total rate and/or volume for which proof is submitted 0.25 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: July 1987

Measuring Device: Required? Yes X No
Installed? Yes X No

Fee enclosed \$ 100.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes X No
Installed? Yes X No

Person to contact to accompany the Department representative during the field examination:

R.K. (Ivan) Urnovitz, Coeur d'Alene Mines Corporation

(208) 385-0373

(Name)

(Telephone Number)

2417 Bank Dr. Suite 302, Boise, ID 83705

(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

OCT 12 1988

8/12/88

Date

R.K. Urnovitz

Governmental Affairs Assistant Manager

Signature of Permit Holder (and title, if appropriate)

State of Idaho
Department of Water Resources
APPLICATIONS FOR
ASSIGNMENT OF PERMIT

I, Canadian Superior Mining (US) Ltd., hereby assign to Thunder Mountain Gold, Inc.

of _____
Address _____

CHECK ONE

☒ All my right, title, and interest in and to ^{Applications for} Permit No. 77-7123, 77-7124, 77-7125,
to appropriate the public waters of the State of Idaho. 77-7126, 77-7127, 77-7128,
77-7129, 77-7130

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

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

Made this 22nd day of March, 19 82.

[Signature]
Permit Holder

CANADIAN SUPERIOR MINING (U.S.) LTD.

Spouse of Permit Holder

Province of British Columbia
State of Idaho)

County of Vancouver) ss.

On this 25th day of March, 19 82, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged to me
that he (she) - (they) executed the same.

seal

[Signature]
Notary Public residing at Vancouver

My commission expires: does not

British Columbia
REGISTERED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

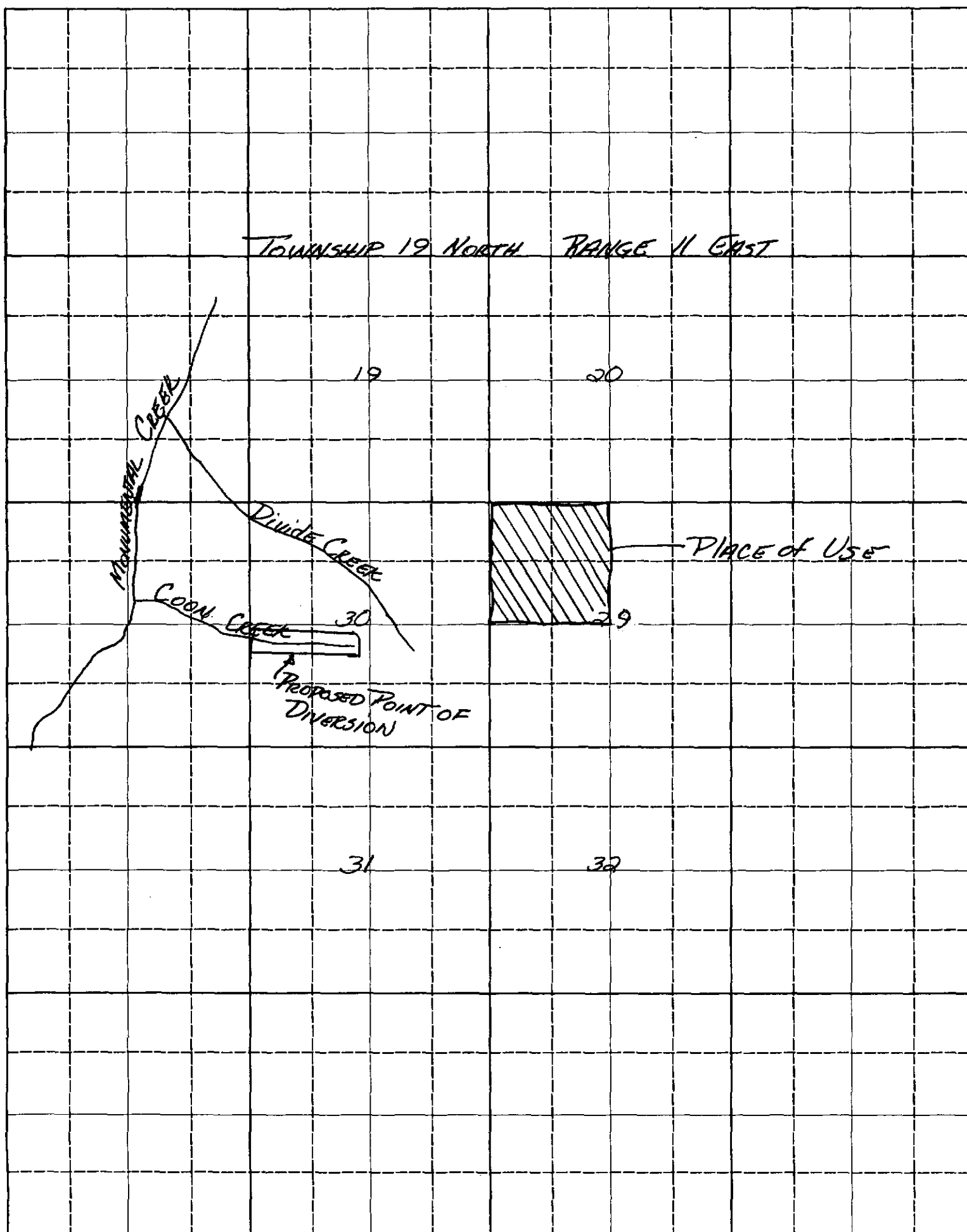
APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Canadian Superior Mining (U.S.) Ltd. Phone (509) 624-4211
Post office address P. O. BOX 385, Spokane, Washington 99210
2. Source of water supply Coon Creek which is a tributary of Monumental Creek
3. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 30 Township 19N
Range 11E B.M. Valley County, additional points of diversion if any: _____
NE $\frac{1}{4}$ of SW $\frac{1}{2}$ of Section 30 Township 19N Range 11E
4. Water will be used for the following purposes:
- | | |
|---|--|
| Amount <u>10 AF</u> for <u>Mining Storage</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive) | |
| (cfs or acre-feet per annum) | |
| Amount <u>10 AF</u> for <u>Domestic Storage</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive) | |
| (cfs or acre-feet per annum) | |
| Allow <u>0.25 cfs*</u> for <u>Mining</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive) | |
| (cfs or acre-feet per annum) | |
| Allow <u>0.25 cfs*</u> for <u>Domestic</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive) | |
| (cfs or acre-feet per annum) | |
5. Total quantity to be appropriated:
Allow 0.25 cfs* *per agreement of 12/7/1984 - kw
a. --2-- cubic feet per second and/or b. 10 acre-feet per annum.
6. Proposed diverting works:
- a. Description of ditches, flumes, pumps, headgates, etc. Dam, Pump, Pipeline
- b. Height of storage dam 8 feet, active reservoir capacity 10 acre-feet; total reservoir capacity 10 acre-feet, materials used in storage dam: earthfill
Period of year when water will be diverted to storage May 1 to Oct. 1 inclusive.
(Month/Day) (Month/Day)
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year -- maximum 5 years).
8. Description of proposed uses:
- a. If water is not for irrigation:
- (1) Give the place of use of water: _____ $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 29 Township 19N
Range 11E B.M.
- (2) Amount of power to be generated: _____ horsepower under _____ feet of head.
- (3) List number of each kind of livestock to be watered _____
- (4) Name of municipality to be served _____, or number of families to be supplied with domestic water 100.
- (5) If water is to be used for other purposes describe: mining, and milling of mineral ore.

RECEIVED

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



Scale: 2 inches equal 1 mile.

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

Robert T. Richins
(Applicant)

Robert T. Richins
Agent for Canadian Superior Mining (U.S.) Ltd.

RECEIVED

Proposed Priority 4/16/81

Received by neh Date 4/16/81 Time 10:15

Preliminary check by ken Fee \$ 65.00

Received by neh Date 4/16/81 # 10834

Publication prepared by neh Date 4/23/81

Published in Star News

Publication dates 4/30 & 5/7/81

Publication approved neh Date 5/12/81

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by DPS kw

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 77-7129, and said application is hereby APPROVED.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before January 1, 19 90.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

In the event that water used under this permit should be discharged into a natural channel, settling ponds will be required which are capable of reducing the silt load to such a level that the quality of the water would not be impaired for other beneficial uses.

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

No more than 0.50 cfs may be diverted under this permit and the combined diversion of this permit and permit nos. 77-7201 and 77-7124 shall not exceed 0.50 cfs.

The diversion of water under this permit may be affected by the agreement dated 12/07/1984.

Witness my hand this 22nd day of January, 1985.

J. Glen Saxton
Chief, Operations Bureau



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

November 22, 1993

THUNDER MOUNTAIN GOLD INC
301 S CHESTNUT STE 7
SPOKANE WA 992040970

RE: WATER RIGHT NO. 77-07129

Dear Water Right Holder(s):

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

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

Sincerely,

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

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED
DEC 03 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

August 25, 1993

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

THUNDER MOUNTAIN GOLD INC
JAMES COLLORD PRESIDENT
301 S CHESTNUT STE 7
SPOKANE WA 99204-0970

RE: WATER RIGHT NOS. 77-07123, 07124, & 07129

Dear Mr. Collord:

We received the licensing amendment fees for the above referenced permits; however, the amendments were not signed. I am returning them to you for signature. For your convenience, I have highlighted the lines on each form you are to complete.

Please return the signed amendments within 15 days to prevent any further undue delay in licensing these permits. Since I am handling the review procedure, please send the forms to my attention and it will help expedite the process.

Thank you for your assistance and if you have any questions, feel free to contact me.

Sincerely,

BRENDA L. CHAPMAN
Water Resource Agent

Enclosures

RECEIVED

DEC 03 1993

R. Keith Higginson Director
State of Idaho, Department of
Water Resources, 1301 North Orchard
Statehouse Mall, Boise, Idaho

8/21/93

Dear Mr Higginson:

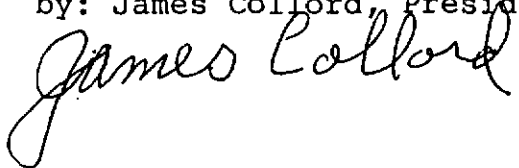
I am sending the enclosed water rights for recordation in your office.

I am enclosing a check in the amount of \$60.00 for payment of the three water rights.

Sincerely,

THUNDER MOUNTAIN GOLD

by: James Collord, President

A handwritten signature in cursive script that reads "James Collord". The signature is written in dark ink and is positioned below the typed name "James Collord, President".

DEC 03 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

August 10, 1993

THUNDER MOUNTAIN GOLD INC
301 S CHESTNUT STE 7
SPOKANE WA 992040970

RE: WATER RIGHT NO. 77-07129

Dear Water Right Holder(s):

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

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 14 days.

If you do not concur with these findings or if you have any questions, please contact me within the 14-day period.

Sincerely,

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

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

DEC 03 1993

WR0749NP
No. L77-07129

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 08/09/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	THUNDER MOUNTAIN GOLD INC 301 S CHESTNUT STE 7 SPOKANE WA 992040970 (509) 456-8383	04/16/1981	MINING MINING STORAGE MINING FROM STORAGE DIVERSION TO STORAGE	01-01 12-31 01-01 12-31 01-01 12-31 01-01 12-31	0.25 CFS 0.25 CFS	25.7 AFA 1.8 AFA 1.8 AFA -----
TOTAL DIVERSION:					0.25 CFS	27.5 AFA

Water Source: COON CREEK

Tributary to: MONUMENTAL CREEK

Stage: LICENSE

Point(s) of Diversion Capacity: 0.25 CFS

Point(s) of Diversion: T19N R11E S31 NE NW

Place of use Legal Description for: MINING

NE				NW				SW				SE			
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
19N	11E	21	:	:	:	:	:	:	:	:	:	:	:	:	:
19N	11E	28	:	:	:	:	:	:	:	:	:	:	:	:	:
19N	11E	29	:	:	:	:	:	:	:	:	:	:	:	:	:

Place of use location for MINING FROM STORAGE is the same location as described for: MINING

Pou County: VALLEY

~~Non-Irrigation Uses: D/100 HOMES.~~

Conditions of Approval:

- 004 - The issuance of this right in no way grants any right-of-way or easement across the land of another.
- R06 - 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.
- 09E - Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

Remarks: The total combined rate of diversion under this right and Right No. 77-07124 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.

Dates: App. Received: 04/16/1981 Priority Date: 04/16/1981
Proof Due Date: 01/01/1990 Proof Made Date: 08/15/1988
Exam Made Date: 08/19/1988 Exam Sent to S.O.: 04/15/1992
Licensed Date:

A

LICENSE REVIEW CHECKLIST

Permit # 77-7129

Date 8-5-93

Brenda Chapman

NAME Check Or Address Change?

PRIORITY DATE ✓ Advance? ✓ Memo to Advance ✓
✓ Order to Reinstate Needed?

SOURCE ✓ Changes? ✓ Clarification of Originally Intended source
✓ Notice of Intent to Void - Source change.

P/D ✓ Amendment Needed? CHANGE TO NENW OF SEC 31
✓ Is Overlap Analysis a Consideration?

P/U ✓ Amendment Needed?
✓ Is Overlap Analysis a Consideration?

TOTAL CFS ✓ Incorrect Fee for rate recommended?
-NA- Disagree/Measurement NONE DUE
✓ Pumping Theoretical 8.8 x .70 x
✓ + 2.31 x
✓ System Capacity .25
✓ Allowable Amount: Permitted .25

TOTAL VOLUME Rate/ac ✓ AFA Irr. Season ✓
Pond = 580,000 gal Standard Irr. Season
325850 Season Recommended
1.78 af Disagree with Examiner's Calculations?
✓ 9200 gal x 5 = 46000 gpd x (182 days) = 8372000 / 325850 =
✓ Flow limit: .25 x 182 x 1.9835 = 90.2 25.7 af

USES ✓ Change(s) in Nature of Use?
✓ Amendment Needed?

REMARKS ✓ Multiple P/Ds in 1/4 1/4?
✓ Non-Irr. Uses MINING USES
✓ COPY Special Overlap Condition WITH 77-7124
✓ Other

CONDITIONS ✓ Measuring/Locking Devices ✓ Misc/Dates
✓ W/Master Control ✓ Water Dist
✓ Irrigation Overlap 4-16-81 App Rec'd
ROL6 ✓ Water Quality 8-19-88 Exam Made

COMMENTS: AMEND P/D & P/U ; DELETE DOMESTIC USE
(BASED ON 182 days of ACTUAL OPERATION)

RECOMMENDED	CFS	VOL
<u>Mining</u>	<u>.25</u>	<u>25.7</u>
<u>mining stor</u>	<u>—</u>	<u>1.8</u>
<u>min F stor</u>	<u>—</u>	<u>1.8</u>
<u>DIV TO stor</u>	<u>.25</u>	<u>—</u>
<u>Total</u>	<u>.25</u>	<u>27.5</u>

LICENSE ✓
 AMEND ✓

State Of Idaho

DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT SUPPLEMENT

By: Brenda Chapman
Date: August 6, 1993
File: 77-07129

Pipe Flow Evaluation

$$Q = V \cdot A$$

V=	5	fps		
d=	2	in	A=	0.0218 sqft
Q=	0.11	cfs		
	49	gpm		

d = pipe diameter

$$A = Q/V$$

NOTE: Only if velocity
happened to be
5 ft per second

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DEC 03 1993

MEMORANDUM

TO: FILES

FROM: STEVE LESTER

DATE: FEBRUARY 21, 1992

SUBJECT: EXAMS FOR PERMITS 77-07123 -07124 -07129 -07201 -07211 -07217

These permits for the mining operations at Thunder Mtn. Mine should be reviewed together. The examiner did a good job of describing these and making recommendations.

Note condition of approval that rights -07124 -07129 -07201 should not exceed .50 cfs when combined. Likewise, rights -07123 -07201 should not exceed .48 cfs (use of same pump at different locations means capacity limitation).

Storage occurs at the Fire Water pond location and equals two ponds for 1.8 af. Water is diverted from several surface water sources and several wells to the pond system. Pond water is then withdrawn for a variety of mining uses. All rights with storage recommendations should reflect the storage capacity not to exceed 1.8 af. Storage is determined on the 24-hr. rule. Storage occurs in SESW S.21 per topo in -07211.

It is debatable if wells should include storage but appears that they should. If not, perhaps another method to estimate mining volume requirement (Vr) would be needed.

To estimate mining Vr, I used available information as shown in -07124. About five loads per day (5 loads for each truck) formed the basis of the estimate. This seems reasonable based on examining similar mining sites. This method was used for the wells even though well water is not used to fill trucks. No other information is available, and it seems reasonable to use this method to estimate mining Vr, which is a crude estimate under the best of circumstances.

* Domestic P/U was determined from the topo and typed notes ("overview"). Domestic use does not occur in all of the mining tracts.

L> The area is an unsurveyed site. Amendments for P/D and P/U should not require a fee because of this. However, other amendments will require a fee (N/U).

For all of the permits, proof of b.u. was filed in 1988 and SRBA claims are not required.

* NO BASIS FOR N/C ON AMENDMENTS IN UNSURVEYED SITES. BC

MICROFILMED

DEC 03 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

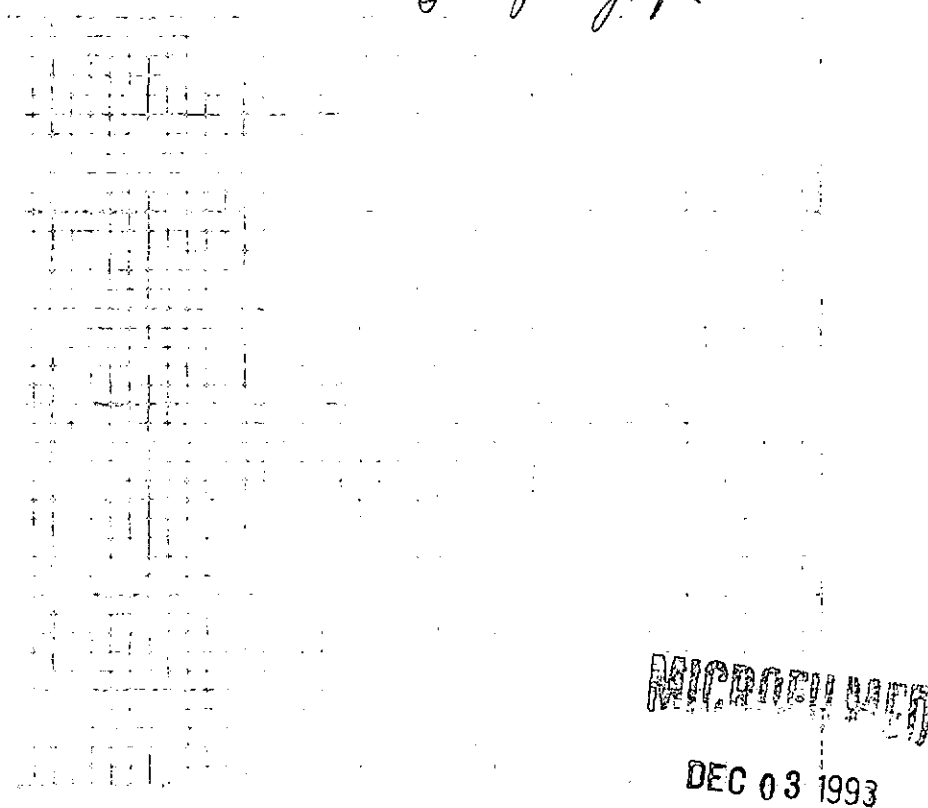
- Permit No. 77-7129
1. Owner: COEUR-THUNDER MOUNTAIN INC. Phone No. 385-0373
Current Address: 2417 BANK DR. SUITE 302 BOISE ID. 83705
2. Accompanied by: IVAN URNOVITZ EXAM. DATE: 8-19-88
Address: 2417 BANK DR SUITE 302 BOISE Phone No. 385-0373
Relationship to Permit Holder: MINE ENGINEER
3. Source: POON CREEK tributary to MONUMENTAL CREEK

B. OVERLAP REVIEW

1. Other water rights with same place of use: 77-7124, 77-7201, 77-7123
77-7217 LAPSED * ☐ 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 photograph *



Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).
place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

* SL
2/20/92

System Description (continued)

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

USE IS WHEN COON CREEK IS FLOWING: THEY PLACE A 2" PVC LINE INTO COON CREEK AT THE WEIR LOCATION (APPROX 40 FT ABOVE ROAD) WATER THEN GRAVITIES TO AN 8000 GAL PORTABLE TANK ON A STAND HIGH ENOUGH TO GRAVITY FILL THE 5000 GAL & 4200 GAL WATER TRUCKS. THE WATER IS USED FOR FERT CONTROL OR IS DUMPED INTO A PLASTIC LINED POND AT THE OFFICE SITE.

SEE ATTACHMENT FOR DETAILS.

☐ 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

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

5. Point(s) of Diversion:

UNSURVEYED AREA

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
					NE 1/4 31	19N	11E	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		
		28					X	X	X	X									
		29	X	X	X	X					X	X	X	X	X	X	X	X	

Do not use this space

DEC 03 1993

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

NO MEASUREMENT MADE DUE TO LOW WATER LEVEL AT EXAM TIME. THE P/D AS INDICATED BY THE INSTALLED WEIR AND THE PORTABLE STAND IN THEIR STORAGE YARD INDICATES ACTUAL USE AS DESCRIBED WHEN STREAM FLOW ALLOWS.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

* $Q = VA$
↓

2. Alternate Method for Checking Purposes: FOR A VELOCITY OF 5 ft/sec
A 2" PIPE WILL PRODUCE 0.11 CFS

F. PUMP EFFICIENCY DATA (Optional) NA

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 NA

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:

FIRE WATER POND

$580,000 \text{ GAL} / 325,839 = 1.78 \approx \underline{\underline{1.80 \text{ AF}}}$

* 82
2/20/92

* Mining $U_R = 25.7$ See 77-07124
 $V_D = (.25)(365)(1.4835) = 181.0$
allow 25.7 AFA

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

PERMIT FOR 0.25 CFS
THEORETICAL 0.11 CFS
UNABLE TO MEASURE THEREFORE RECOMMEND PERMIT RATE.
THEORETICAL FOR A 2" PIPE AT THE SAME VELOCITY = 0.25 CFS.

USE IS YEAR ROUND. BUT PRIMARILY DURING THE SUMMER MONTHS.

See 2/21/92 memo about conditions.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
DIVERSION TO STORAGE	1-1	12-31	0.25	—
MINING STORAGE	1-1	12-31	—	1.80
MINING FROM STORAGE	1-1	12-31	—	1.80
MINING	1-1	12-31	0.25	25.7
Totals:			0.25 CFS	1.80 AFA
				27.5

2. Recommended Amendments NO FEE FOR AMENDMENTS TO UNSURVEYED AREA FOR P10 & P11 changes

- ☒ 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 Div. to Storage

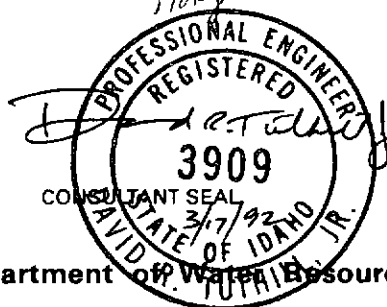
J. AUTHENTICATION

Field Examiner's Name KELLY K. CHRISTENSEN

Signature Kelly K. Christensen

Certification Date

Field Report Preparation Date 1-25-89



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

APPROVED
DEC 03 1993

OVERALL VIEW OF MINING USES FOR COHER-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 RUNOFF 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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DEC 03 1993

COEUR-THUNDER MOUNTAIN INC.
2417 BANK DR. SUITE 302
BOISE, ID 83705

OVERVIEW OF ALL WATER RIGHTS AS OF 8-17-1989

Coeur-Thunder Mountain, as of this date, has seven water rights. Field exams were completed in 1988 for permits (77-7123, 77-7124, 77-7129, and 77-7201). Permits (77-7211 and 77-7217) were examined in 1988 but after the examination it was determined that additional P/Ds needed to be added to these permits and therefore they were reexamined on 8-17-1989. One permit, (77-7127), is waiting for the Proof of Beneficial Use to be filed. Proof is due in 1990.

As all rights are used in the mining operations and at times overlap in use, this is an overview of all rights as a system. Field notes are included in the individual files as to the conditions that existed at exam time and this is not to replace the notes but to condense and summarize them.

There are two major mining systems, one utilizes the fire water pond and concerns the removal of gold from the ore, and the second relates to the crushing operation. The domestic use is also divided into two different P/U locations with the sources coming from different permits. The original system description below is followed by the revised system description as was found on 8-17-89.

A COPY OF THE ORIGINAL REPORT FOUND IN 77-7124
(this is an overall system description)

Water is initially stored in a plastic lined pit divided into two parts. One portion holds 30,000 gal and acts as a settling pond for any runoff entering the system. The main pond holds 550,000 gal. (volume is from engineers report for Thunder Mtn). The pond is referred to as the "Fire Water 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 abatement.

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 it's respective field report.

No domestic use was found for the above permits.

Permit 77-7211 is for domestic use but the overflow dumps into the fire water pond. Normal operation is to shut the pump off before water reaches the overflow spout.

END OF REPORT COPY.

MICROFILMED
DEC 03 1993

DOMESTIC USE REVIEW

Domestic use is covered by permits 77-7211 and 77-7217. Both permits have multiple P/Ds and also cover mining uses.

Permit 77-7211 supplies water from a well to the domestic use located near the office complex. This use is documented in the original field report dated 8-19-1988. That report is for supplemental use only as the field report dated 8-17-1989 covers the system as it exists now.

Permit 77-7217 supplies water from a well to a 50 man camp site located approximately one mile southwest of the office complex. This is not the camp site described in the report for 77-7211. The original notes are found on a supplemental sheet labeled "Golden Eagle".

PERMITS UTILIZING WATER TRUCKS AS THE PRIMARY METHOD OF CONVEYANCE

Permit 77-7124	aka	Monumental Creek Diversion
77-7129	aka	Coon Creek Diversion
77-7201	aka	Spring to Mule Creek
77-7123	aka	Sunny Side Creek Diversion

These permits utilize portable pumps to fill water trucks which then either dump the water on the road for dust control or into the Fire Water Pond for use in the extraction process.

MILLING AND CRUSHING OPERATIONS

The extraction process primarily consists of sprinkling a chemically treated water solution over crushed ore that has been placed on a water tight mat. The solution is recirculated until it is determined that the maximum extraction has been achieved. The "pregnant" solution is then routed to the lab and the remaining ore is treated with another solution to neutralize to stockpile.

The water use for the milling operation is primarily to maintain the ore at a specific water content and to aid in the agglomeration of the ore.

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SUPPLEMENTAL REVIEW OF PERMIT 77-7211

This permit consists of five different wells. At exam time there were only two wells under this permit with pumps installed but as the normal mining operations shift locations the use of different wells is called for. Rotating pumps between the wells covered under both permits is the standard practice. I am recommending all the wells be considered for licensing as P/Ds, conditioned so that the combined total diversion from each of the wells in use does not exceed the recommended diversion rate.

WELL #	LEGAL DESCRIPTION	ALSO KNOWN AS	WELL USES
1	SW/SW SEC 21 19N,11E	UPPER VENABLE	MINING AND DUST ABATEMENT
2	SW/SW SEC 21 19N,11E	LOWER VENABLE	MINING AND DUST ABATEMENT
3	NW/NW SEC 28 19N,11E	ARGEY YARD WELL	MINING AND DUST ABATEMENT
4	SE/SW SEC 21 19N,11E	BONE YARD WELL	MINING AND DUST ABATEMENT
5	SE/SW SEC 21 19N,11E	CAMP WELL	DOMESTIC, MINING, AND DUST ABATEMENT

WELL	MEASURED
2	0.14 CFS (a 10 hp pump)
5	0.17 CFS (a 10 hp pump)

All the above wells are currently used in connection with the extraction process and dust abatement rather than the crushing operations.

Permit is for: Domestic at 0.12 CFS
Mining at 0.38 CFS for a total of 0.50 CFS
Fees paid for: ----- 1.00 CFS MAX

Found: Domestic: main camp, cook shack, office, and lab
Mining: multiple operations for gold extraction and dust control
Domestic diversion: 0.17 CFS (well # 5)
Total diversion rate: 0.31 CFS (wells # 2 and 5)

APPROVED
DEC 03 1993

SUPPLEMENTAL REVIEW OF PERMIT 77-7217

This permit consists of six wells with the use being both domestic and mining. As with 77-7211, this permit had wells with no pumps installed at exam time. The same rational used with 77-7211 is considered here. I recommend that all six wells be considered as P/Ds and be licensed with the condition that the total diversion from all wells used shall not exceed the licensed rate.

WELL #	LEGAL DESCRIPTION	ALSO KNOWN AS	
1	SE/NE SEC 29 19N,11E	LOWER SUNNY SIDE CABIN WELL	MINING, MILLING AND DUST ABATEMENT
2	NE/SW SEC 29 19N,11E	GOLDEN EAGLE WELL	
3	NE/SW SEC 29 19N,11E	GOLDEN EAGLE WELL, SOUTH	DOMESTIC AND DUST ABATEMENT
4	NE/NE SEC 29 19N,11E	ROAD SIDE WELL	DOMESTIC AND DUST ABATEMENT
5	NE/NE SEC 29 19N,11E	THE PIT	MINING, MILLING AND DUST ABATEMENT
6	NE/SE SEC 29 19N,11E	THE FROG POND WELL	MINING, MILLING AND DUST ABATEMENT

WELL	MEASURED
2	0.027CFS (a 10 hp pump)
4	0.24 CFS (a 10 hp pump)
5	0.16 CFS (2 10 hp pumps tied into a manifold) 0.33 CFS (a centrifugal pump; 3 hp Briggs & Stratton)
6	0.062CFS (a 10 hp pump)

Wells # 1 and 6 currently are used in conjunction with the extraction process; wells # 2 and 3 are used for the domestic use at the auxiliary camp site; and wells # 4 and 5 supply water both to the crushing operations and the extraction process. All wells are at times used for dust abatement.

The permit is for: Domestic at 0.12 CFS
Mining at 0.88 CFS for a total of 1.00 CFS
Fees paid for: ----- 1.00 CFS MAX

Found: Domestic: 50 man auxiliary camp site
Mining: Gold extraction operations, milling, ore agglomeration, and dust control
Domestic diversion: 0.03 CFS (well # 2)
Total diversion Rate: 0.82 CFS (wells # 2, 4 and 5{with two pumps})

RECORDED
DEC 03 1993

77-7129

Coon Creek

weir installed 40 ft above road
normal operation is to pipe water from weir
to a tank placed by road trucks then fill out
of tank (8000 gal tank). use 2" PVC line to
fill tank, gravity from tank on island to truck.

RECEIVED

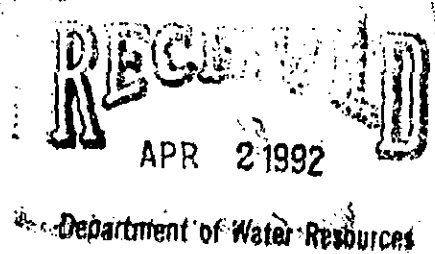
DEC 03 1993

77-07129



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DEC 03 1993

JOHN F. CAMPBELL
ATTORNEY AT LAW
301 S. CHESTNUT STREET, SUITE 7
SPOKANE, WASHINGTON 99204-0970
TELEPHONE (509) 456-8383



March 30, 1992

Dept. of Water Resources
State of Idaho
State House
Boise, ID. 83722

Attn: Cindy

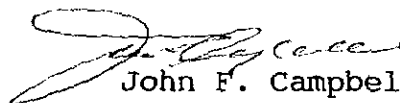
In re: Thunder Mountain Gold, Inc.
Permit #77-7123✓
#77-7124✓
#77-7127✓
#77-7129✓

Dear Cindy:

Please change the address of Thunder Mountain Gold, Inc. from
1306 Washington Mutual Building to --

Thunder Mountain Gold, Inc.
301 S. Chestnut, Suite 7
Spokane, WA. 99204-0970

Very truly yours,



John F. Campbell

JFC:e

RECEIVED

DEC 03 1993



CECIL D. ANDRUS
Governor

State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 2735 Airport Way, Boise, Idaho 83705 • (208) 334-2190

R. KEITH HIGGINSON
Director

September 20, 1988

RECEIVED
OCT 24 1988

- Thunder Mountain Gold, Inc.
- 1306 Washington Mutual Bank Bldg.
- Spokane, WA 99201
- 77-7129 ✓

RECEIVED
NOV 22 1988

Department of Water Resources
Western Regional Office

Department of Water Resources

Dear Applicants(s):

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

Before a license can be issued, a field examination must be made by a representative of this Department. A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office.

Sincerely,

Judy Pense
Secretary

/jp

Dear Ms. Pense:

For your information, Coeur-Thunder Mountain, Inc. 2417 Bank Drive, Ste. 302, Boise, ID 83705 (Telephone: (208) 385-0373) is the operator of this property. This also applies to Permits #77-7124 and 77-7123.

THUNDER MOUNTAIN GOLD, INC.

RECEIVED
DEC 03 1988

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 77-7129

Date: 8/19/88

General Considerations:

☒ Name same as permit
☒ Signature the same as permit holder
☒ Address change _____ If yes, prepare a data entry
☒ Proof received timely _____
_____ Reinstated

Source of Water:

☒ Surface water
_____ Groundwater
_____ 1. well log in file
_____ 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

☒ Rate of diversion appropriate for uses
☒ Is rate or volume and fee appropriate?
☒ Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

☒ Is a measuring device or access port required?
☒ Has one been installed?
☒ Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A

Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	+ _____
No. of days late	_____	= _____
Priority date	_____	+ _____
NEW PRIORITY DATE	_____	= _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

PLACE
STAMP
HERE

MICHAEL

OCT 12 1988



RECEIVED
OCT 23 1988

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

COMMENCEMENT OF WORKS

*Coon
Agreement*

Permit No. 77-7139 Coeur Explorations, Inc.
Name(s) of Permit Holder(s): Thunder Mt. Gold Inc.
Post Office Address: 247 Bank Drive, Suite 302
Boise Idaho 83705 Tel. No. 208-385-0373

- ☒ I hereby certify that construction of diversion works for the above referenced permit began on 8-1-85 (date) I understand that I must continue to develop the water system with due diligence to maintain a valid permit.
- ☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

10/21/85
Date

[Signature]
Signature of Permit Holder

DATE 2/21/85

FROM

Kay Walker

TO

Files 77-7123, 77-7124, 77-7127 &

SUBJECT

77-7129

mailing address - Thunder Mtn. Gold

Re phone conversation with Rich Richins
of Montgomery Engineering the mailing
address for Thunder Mtn. Gold is:

East 3612 16th Ave.

Spokane, WA 99203

MICROFILMED

Attn: Tiebor Klobusicky

SIGNATURE



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

January 29, 1985

RE: Application for Permit Nos. 77-7123/7124/7127/7129

Thunder Mountain Gold, Inc.
P.O. Box 385
Spokane, WA 99210

Gentlemen:

Enclosed are copies of your approved Applications for Permit. We direct your attention to the conditions of approval on the fourth pages.

The 1982 Idaho Legislature added a requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permits were issued, and you must proceed diligently until the projects are completed. The enclosed blue cards must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permits were approved.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop these permits into licenses.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:sc

Enclosures

RECORDED

SUMMARY OF MEETING TO RESOLVE WATER RIGHT PROTESTS
APPLICATION NO.'S 77-7201 AND 77-7194

RECEIVED

DEC 12 1984

Department of Water Resources

A meeting was held at the McCall office of the Idaho Fish And Game Department on November 30, 1984 to discuss the protest of water right applications 77-7201 (protested by the U.S. Forest Service) and application 77-7194 (protested by the Idaho Department of Fish And Game). Application 77-7201 is to divert 1.02 CFS from a tributary to Mule Creek, application 77-7194 is to divert 2.0 CFS from the South Fork of Holy Terror Creek. Both applications were submitted by Coeur D'Alene Mines. Proposed use of the water includes mining and domestic use. Present at the meeting were:

Frank Monninger
Dave Lee
Rick Richins
Don Anderson
Stacy Gebhards
Len Weyers
Earl Kimball
John Lund
Dave Burns
Bob Kenworthy
Walter Pierson

Coeur D'Alene Mines
Coeur D'Alene Mines
James M. Montgomery Engineering
Idaho Dept. of Fish and Game
Idaho Dept. of Fish and Game
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest

The discussion centered around Coeur's need for approximately 0.5 CFS to supplement ground water sources during dry periods. The Forest Service expressed concern over minimum flows for fish habitat and channel maintenance purposes. An additional concern was the proposal to store water (10 acre-feet) on an unstable area. Fish and game was similarly concerned with adequate flows to protect the fishery resource.

After a short discussion the following agreement was reached:

1. Coeur proposed to withdraw water rights previously applied for on four streams in addition to South Fork Holy Terror Creek. These streams are listed below.

<u>Stream</u>	<u>Application No.</u>	<u>Proposed Appropriation</u>
Divide Creek	77-7125	2.0 CFS
Marble Creek	77-7126	2.0 CFS
Fall Creek	77-7128	2.0 CFS
Roosevelt Lake	77-7130	4.0 CFS
South Fork Holy Terror	77-7194	2.0 CFS

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DEC 14 1984

Department of Water Resources
Western Regional Office

2. Coeur will reduce its water rights applications to the streams listed below with a reduction in water quantity to the proposed appropriation as indicated. (Listed by priority)

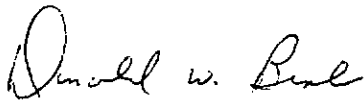
<u>Stream</u>	<u>Application No.</u>	<u>Revised Appropriation</u>
Sunnyside Creek	77-7123	0.50 CFS
Mule Creek Spring	77-7201	0.25 CFS
Monumental Creek	77-7124	0.50 CFS
Coon Creek	77-7129 ✓	0.25 CFS
Cornish Creek	77-7127	0.25 CFS

3. Coeur will condition the permits for the streams listed in #2 above to a maximum, total withdrawal of 0.5 CFS from the Monumental Creek Drainage (Mule, Coon, Monumental Creeks) and 0.5 CFS from the Marble Creek Drainage (Sunnyside Creek and Cornish Creek).

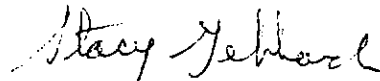
4. Water will be diverted from only one stream at a time.

5. The U.S. Forest Service, The Idaho Department of Fish and Game, and Coeur D'Alene Mines mutually agree to conditions 1-4 listed above. The U.S. Forest Service will drop the protest for application #77-7201 (Mule Creek) under conditions 1-4 described above.

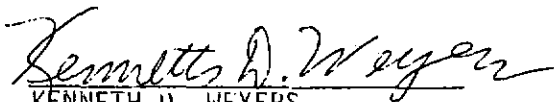
Dated this 7 day of December, 1984.



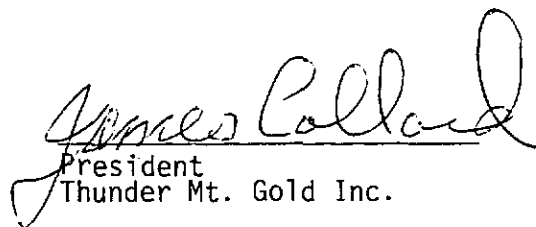
DON BORK
Project Manager
Coeur D'Alenes Mines



STACY GEBHARDS
Regional Supervisor
Idaho Dept. Fish and Game



KENNETH D. WEYERS
Forest Supervisor
Payette National Forest



James Collier
President
Thunder Mt. Gold Inc.

MICROFILMED

JAMES M. MONTGOMERY CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

1389.0040

November 8, 1983

Mr. David Shaw
Regional Supervisor - Western Region
Idaho Department of Water Resources
Statehouse
Boise, ID 83720

Department of Water Resources
Western Regional Office

Subject: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126, 77-7127, 77-7128, 77-7129, 77-7130 and South Fork Holy Terror Creek and Mule Creek (spring source); Thunder Mountain Mining Project

Dear Mr. Shaw:

As a result of our telephone conversation yesterday, I am writing to confirm the positive efforts CDA Mines is making toward resolving the pending Water Rights Applications.

CDA Mines is currently preparing a feasibility study and a comprehensive EIS for the proposed project. These studies include metallurgical and mineral process evaluations, hydrology and instream flow (IFG) investigation, and alternative mining and processing analyses. Additionally, an ongoing water supply study is being conducted, including ground water exploration. The EIS is scheduled for completion in February, 1984. The support studies will generally be completed concurrently with the EIS. An exception may be the water supply study; however, study findings adequate to finalize water needs for mining and processing and domestic use are also anticipated at this time. Therefore, we will be officially requesting that IDWR initiate administrative action required to resolve the pending permit applications during the month of February. It is my understanding (as a result of our discussion) that as long as CDA Mines is making progress through the EIS and related studies to identify water use requirements, the pending applications will not be invalidated.

Additionally, during the next 30 days, CDA Mines will be filing permit applications for the ground water wells currently being tested and developed. It is my understanding, also based on our discussions, that the filing of these applications will not affect the quantity of surface water CDA would be appropriated by IDWR. Rather, it would be the objective of IDWR to develop an agreement which would generally promote the use of existing ground water supplies to the extent possible, prior to pumping from the surface water source. CDA Mines is supportive in concept of this type of agreement.

MICROFILMED

Mr. David Shaw

-2-

November 8, 1983

I will keep you advised regarding our progress on the pending applications. If you have any question, please call me (345-5865) or Don Bork at 385-0373.

Sincerely,

Rick Richins

Rick Richins

/ln

cc: D. Bork
D. Lee

MICROFILMED



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

DBS

760.0051

July 29, 1981

Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, ID 83705

Subject: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126,
77-7127, 77-7128, 77-7129, 77-7130

Dear Dave:

I recently met with Don Anderson and Will Reid of the Idaho Department of Fish and Game concerning a letter which was addressed to you and was dated June 12, 1981 from James F. Keating, Regional Supervisor of the Department about the above referenced applications. At this meeting, we discussed the seven conditions which the Idaho Department of Fish and Game requested be attached to the water right applications. Canadian Superior cannot agree to these conditions, particularly Number 4 which states: "No water withdrawals be allowed between 1 July and 15 September." This will be the period of major water use due to processing of the ore. The Department of Fish and Game explained that this condition was included due to lack of flow records and the importance of the fisheries resources in the area. Don Anderson and Will Reid explained that data on the flows are currently being taken, and after analyzing this data, water withdrawals can be more accurately determined for each water right application.

At this meeting, the Idaho Department of Fish and Game and I, acting in behalf of CSM, agreed to delay a decision on the water right applications until the data are available and analyzed. Therefore I would like you to delay your decision on these water rights until Fall 1981.

Sincerely,

Nancy L. Cookson

/ln

cc: Will Reid, Department of Fish and Game
James F. Keating, Department of Fish and Game
Don Bork, Canadian Superior Mining

RECEIVED

JUL 30 1981

Department of Water Resources
Western Regional Office

RECEIVED



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 3
109 WEST 44TH
GARDEN CITY, IDAHO 83704

June 12, 1981

Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, ID 83705

Re: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126, 77-7127,
77-7128, 77-7129, 77-7130.

Dear Dave:

Idaho Department of Fish and Game personnel reviewed the above referenced applications and met with representatives of the applicant. We request that the below listed conditions be met:

1. A maximum of 1.2 cfs may be withdrawn from any one or combination of streams, herein applied.
2. Withdrawal duration does not exceed 30 hours.
3. Withdrawal frequency does not exceed 7 times per year.
4. No water withdrawals be allowed between 1 July and 15 September.
5. The letter from James M. Montgomery, Consulting Engineers, Inc., dated 3 June 1981 concerning clarification of the water right applications be included as conditions of the permit.
6. Revision of these water rights be reviewed after the completion of one year's operation.
7. In the event that Idaho Department of Fish and Game determines that these withdrawals significantly impact or endanger the fishery resources, these permits can be modified to protect these resources.

Based on public interests for protecting environmental and recreational resources, we formulated these conditions which meet the requirements for fish spawning.

WATER RIGHT

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JUN 15 1981

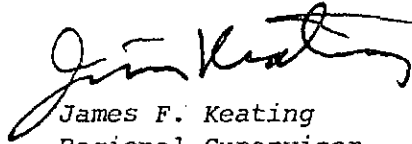
EQUAL OPPORTUNITY EMPLOYER

Department of Water Resources
Western Regional Office

June 12, 1981

passage and rearing. These conditions also allow the applicant to use the water for beneficial use as stated in the application.

Sincerely,



James F. Keating
Regional Supervisor
Region 3/Boise

cc: Bureau of Program Coordination

RECEIVED
JUN 15 1981



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.
1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

RECEIVED
JUN 4 1981

June 3, 1981

Department of Water Resources
Western Regional Office

Mr. Dave Shaw
Idaho Department of Water Resources
Broadbent Business Park
92 So. Cole Road
Boise, ID 83709

Dear Dave:

Potential problems have developed with water right applications which were filed by Canadian Superior Mining (U.S.) Ltd. (CSM) for their proposed mining operation located near Thunder Mountain in the Boise National Forest, Valley County, Idaho. This letter is intended to clarify CSM's initial applications and address the questions raised by the Idaho Department of Fish and Game so that the water right applications may be approved.

The water right applications and their corresponding identification numbers which are affected by this letter include: (1) Sunnyside Creek, No. 77-7123; (2) Monumental Creek, No. 77-7124; (3) Divide Creek, No. 77-7125; (4) Marble Creek, No. 77-7126; (5) Cornish Creek, No. 77-7127; (6) Fall Creek, No. 77-7128; (7) Coon Creek, No. 77-7129; and, (8) Roosevelt Lake, No. 77-7130.

These water right applications were prepared with the intention that no dams will be built across the creeks. Minimal instream storage is planned with the anticipated method of water storage being small, off-stream pools which will be developed by CSM. The water will be used for mining and processing minerals at the Thunder Mountain site, and the expected maximum water use for the operation is 6.5 million gallons per year. This anticipated use was determined based upon a withdrawal rate of 1.18 cfs, seven times per operating season for the mine processing facilities with additional water withdrawal, as required, for makeup due to evaporation losses. The mine process, as presently envisioned, would entail a closed-system cyanide leaching operation similar to that approved by the Forest Service at Stibnite.

CSM intends to withdraw water from the creek closest to the mining operation. However, during periods of low flow, CSM will withdraw water from streams with sufficient flow to maintain the fishery. Special planning consideration will be given to the anadromous fishery needs in designing the project. Water will be withdrawn only on an intermittent basis from the creeks.

WATER RESOURCES

Mr. Dave Shaw

-2-

June 3, 1981

Water from Roosevelt Lake is not expected to be used except in periods of drought or at the end of the process season, if sufficient water is not available elsewhere.

Hopefully this letter will clear up questions and concerns on these water right applications. If you have any further questions, please do not hesitate to contact Rick Richins or myself.

Sincerely,

Nancy L. Cookson
Nancy L. Cookson

/gbd

cc: Will Reid, Idaho Dept. of Fish & Game
Earl Dodds, U.S. Forest Service
Don Bork, CSM

RECEIVED
JUN 10 1981



STATE OF IDAHO

DEPARTMENT OF HEALTH
AND WELFARE

DIVISION OF ENVIRONMENT
Statehouse
Boise, Idaho 83720
801 Reserve Street

April 29, 1981

MEMORANDUM

TO: David Shaw
FROM: David Sanders
SUBJECT: Water Right Applications
77-7122 through 77-7130
Canadian Superior Mining, Ltd.

We are already working with the applicant to resolve our water quality concerns, and we have no comment on these applications.

A handwritten signature, likely of David Sanders, written in ink over a horizontal line.

DS/ds

RECEIVED
APR 30 1981
Department of Water Resources
Western Regional Office

RECEIVED
APR 30 1981
Department of Water Resources
Western Regional Office

EQUAL OPPORTUNITY EMPLOYER

PUBLISHER'S AFFIDAVIT OF CIRCULATION

STATE OF IDAHO

County of Valley

SS.

Beryl Baker

being duly sworn deposes and says, I am the bookkeeper of the Star-News, a weekly newspaper published at McCall, in the County of Valley, State of Idaho; that said newspaper is in general circulation in the county of aforesaid and is a legal newspaper; that the Applications for Water, a copy of which is attached hereto and made a part hereof, was published in said newspaper once a week for two consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began April 30 19 81 and ended May 7 19 81.

Beryl Baker

Subscribed and sworn to before me this the

7th day of May 19 81

Melody Juarez

Notary Public in and for the State of Idaho, residing at McCall Idaho.

RECEIVED
MAY 8 1981

Department of Water Resources
Western Regional Office

MICROFILMED

SENE Sec 15 T 18N R 09E
Diversion Means: PUMP
& PIPELINE.

77-7123
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: SUNNYSIDE
CREEK tributary to
MARBLE CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: NENW
NWNE Sec 28 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7124
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: MONUMENTAL
CREEK tributary to BIG
CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: SENE
NESE Sec 24 T 19N R 10E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7125
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: DIVIDE CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: SENW
SWNE Sec 30 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM

(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7126
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: MARBLE
CREEK tributary to
SALMON RIVER, MIDDLE
FORK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: SWSE
Sec 22 T 19N R 11E NWNE
NENW Sec 27 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7127
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: CORNISH
CREEK tributary to
MARBLE CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: SWNE
NWSE NESE Sec 32 T 19N R
11E, VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7128
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: FALL CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-

STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.00 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7129
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: COON CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981
Amount: 2.00 CFS 10.0 AC-
FT

Diversion Point: NWSW
NESW Sec 30 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means: DAM,
PUMP & PIPELINE.

77-7130
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: ROOSEVELT
LAKE tributary to
MONUMENTAL CREEK

Date Filed: 04-16-1981
Amount: 4.00 CFS 0.0 AC-
FT

Diversion Point: NENE
SENE Sec 24 T 19N R 10E,
VALLEY Co.

Use: MINING (3.64 CFS)
from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversion Means:
PUMPS.

If issued, the permit(s)
will be subject to all prior
water rights. Protests
against the granting of any
permit must be filed with the
Director of the Idaho
Department of Water
Resources, 92 S. Cole Road,
Boise, Idaho 83709 on or
before MAY 18, 1981.

A. KENNETH DUNN,
Director

Published 4-30 & 5-7-81.

**NOTICE OF
APPLICATION FOR
WATER RIGHT**

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

65-12409
U.S. DEPT. OF AGRI-
FOREST SERVICE,
FEDERAL BLDG. 324 25TH
ST., OGDEN, UT 84401

Source: LAKE FORK
SPRING tributary to LAKE
FORK

Date Filed: 04-16-1981
Amount: 0.02 CFS

Diversion Point: SESE Sec
03 T 18N R 04E, VALLEY Co.

Use: DOMESTIC (0.02
CFS) from 06-01 to 10-31

Place of Use: SENE Sec 03
T 18N R 04E

Diversion Means:
CUT OFF WALL,
PIPELINE, TANK

77-7122
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: SALMON RIVER,
E. FK. OF S. FK. tributary
to SALMON RIVER, S. FK.

Date Filed: 04-16-1981
Amount: 3.00 CFS 55.0 AC-
FT

Diversion Point: NWNW
Sec 14 T 18N R 09E, VALLEY
Co.

MACROFILMED

ZZ-7129

CANADIAN SUPERIOR MINING (U.S.) LTD.

P.O. BOX 385, SPOKANE, WA 99210

Source: COON CREEK tributary to MONUMENTAL CREEK

Date Filed: 04/16/1981

Amount: 2.00 CFS 10.0 AC-FT

Diversion Point: NWSW NESW Sec 30 T 19N R 11E, VALLEY Co.

Use: MINING STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
MINING FROM STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
DOMESTIC STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
DOMESTIC FROM STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
MINING	(1.64 CFS)	from 01/01 to 12/31
DOMESTIC	(0.36 CFS)	from 01/01 to 12/31

Place of Use: NENW NWNW SWNW SENW Sec 29 T 19N R 11E

Diversion Means: DAM, PUMP & PIPELINE.

APPROVED