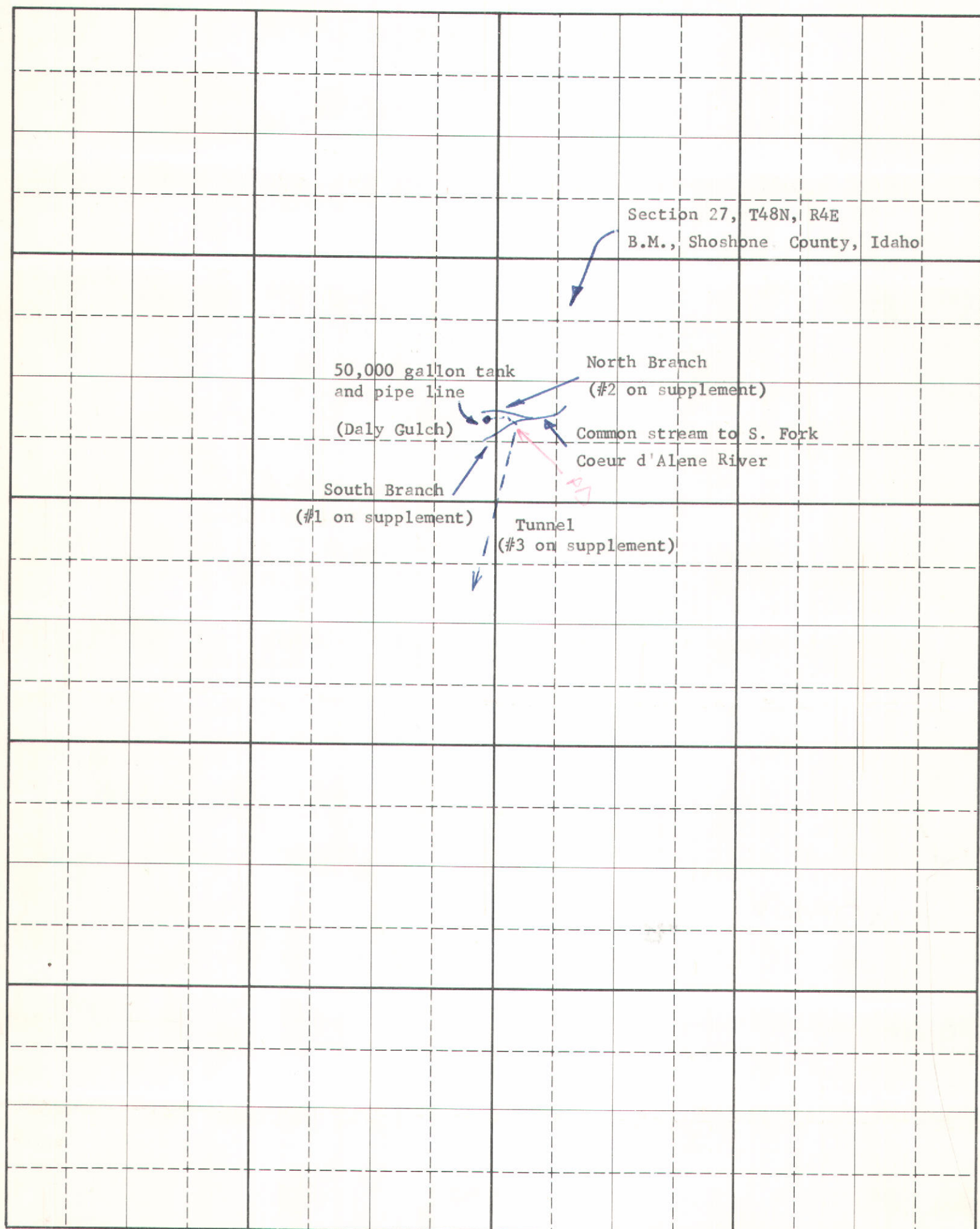


11. Map of proposed project:



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.

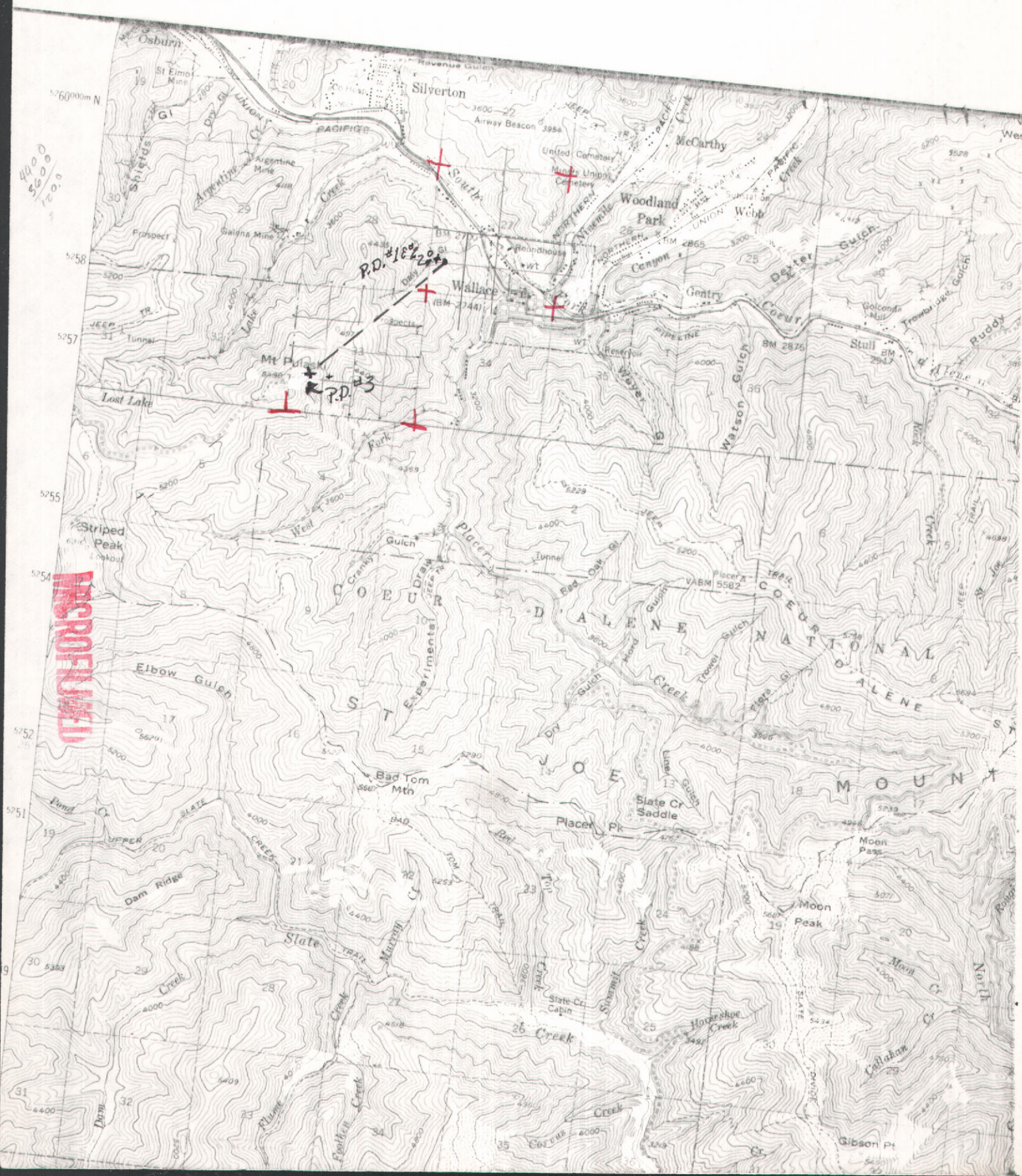
CALLAHAN MINING CORPORATION

BY Harold J. Schell

(Applicant) Vice President

94-7011

94-7011
#2



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 94-7011 Priority March 5, 1970 Amount 0.43 cfs

THIS IS TO CERTIFY, that Callahan Mining Corp.
of Osburn, Idaho, has complied with the terms and conditions of Permit
No. 94-7011 issued pursuant to Application for Permit dated March 5, 1970,
and has submitted proof to the Department of Water Resources on May 12, 1980,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 0.43 cfs of water from Daly Gulch,
tributary to Coeur d'Alene River, South Fork, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Industrial	from January 1 to December 31	at 0.43 cfs	and 311.3 acre feet
	from to at cfs and		
	from to at cfs and		

(both dates inclusive)

Subject, however, to the condition that no more than 0.43 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
311.3 acre feet per year, said waters to be diverted within the (2 points) NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section
27; (1 point)NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 33; Twp. 48N, in the County of Shoshone
Rge. 4E

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
48N	4E	27									X	X	X	X					
		33	X	X	X	X									X	X	X	X	

Known as Caladay Project.

Total number of acres irrigated _____

Industrial use is mining, domestic, cooling and cleaning of equipment, fire
protection and mineral ore processing.

NOTE: Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho
Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands or place of use
herein described, and is subject to all prior water rights, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 25th day of
April, 19 83.

Acting for the Director

Norman C. Young

94-7011

STATE OF IDAHO

Licensing

RECEIVED

APPLICATION FOR AMENDMENT OF A PERMIT

FEB 28 1983

To change the point of diversion and/or the place of use.

Department of Water Resources

Comes now Callahan Mining Corp. Phone (208) 752-1204

of (address) Box 905, Osburn, ID 83849, 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. 94-7011
45-7090, and requests that the permit and permit map be changed as follows:
(2 points)

1. Point of diversion: NW 1/4 SW 1/4, Section 27, Township 48N, Range 4E, B.M.,
County of Shoshone. Other points of diversion: _____
(1 point) NW 1/4 SW 1/4, Sec. 33, Twp. 48N, Rge. 4E

2. Period and nature of use: (irrigation, domestic, stockwatering, industrial, etc.)

Amount 0.43 for industrial purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre feet per annum)

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

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

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

3. Place of use or land to be irrigated:

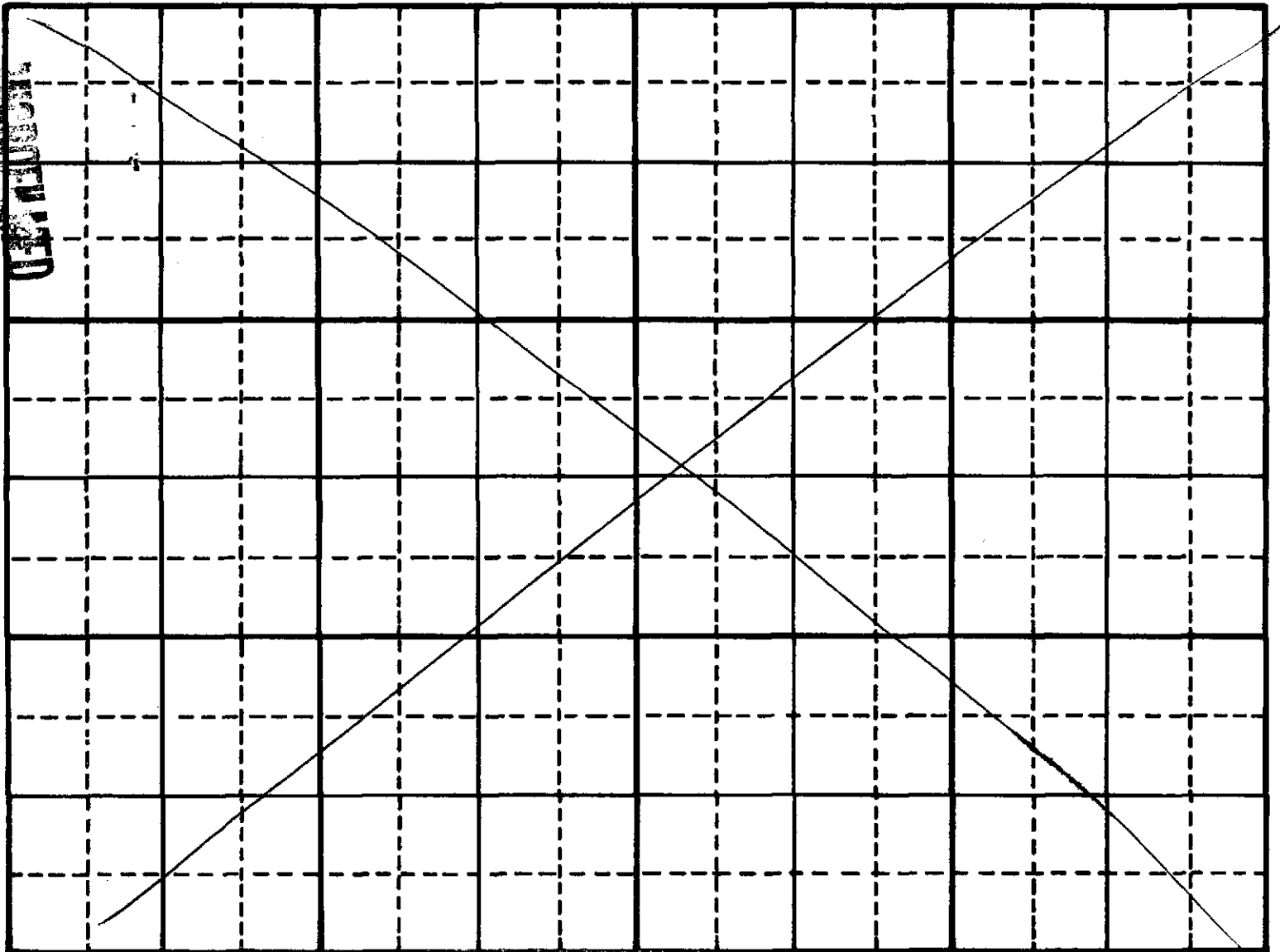
TWP	RGE	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
48N	4E	27									X	X	X	X					
		33	X	X	X	X									X	X	X	X	

Total number of acres to be irrigated = _____

4. a. Who owns the property at the point of diversion? Burlington Northern Railroad
b. Who owns the land to be irrigated or the place of use? Burlington Northern Railroad and Callahan Mining Corporation
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: A long term lease granting Callahan the rights to the water on the leased property.

Complete the following map by showing land and point of diversion as proposed by this amendment.

Show 40-acre subdivisions, townships, ranges and ditches.



Scale: 2 inches equal 1 mile.

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

Signed at Osburn, Idaho, this 25th day of February, 19 83.

Albert C. Walkup
(Signature)
Albert C. Walkup

FOR DEPARTMENT USE ONLY

Preliminary check by TC Fee = \$20.00

Received by mg Date 3-1-83 #25951

Publication prepared by N/A Date _____

Published in _____

Publication dates _____

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, A. KENNETH DUNN, of the Department of Water Resources hereby
APPROVE the above Application for Amendment of Permit No. 94-7011.

Witness my hand this 25th day of April, 19 83.

Norman C. Young
Acting for the Director

DRT

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF CHANGING THE MEASURING
DEVICE REQUIREMENT FOR PERMIT NO. **94-7011**

ORDER

WHEREAS, the above numbered permit was approved with the condition that a measuring device of a type approved by the Department be permanently installed and maintained as part of the diverting works; and,

WHEREAS, on July 1, 1978, the Department adopted a new water measurement condition which states: "An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department"; and,

WHEREAS, the former condition required the permit holder to purchase and install a measuring device or hire a professional engineer to certify the rate of diversion; and,

WHEREAS, the measuring device condition effective July 1, 1978, requires less capital expenditure by the permit holder; and,

WHEREAS, to be equitable to holders of permits issued prior to July 1, 1978, the new condition should be retroactive;

NOW THEREFORE, it is hereby ordered that the condition of approval of this permit related to water measurement is hereby changed as follows: "The permit holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department".

Dated this 18th day of August, 1978.


C. STEPHEN ALLRED
Director

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR EXTENSION OF TIME

RECORDED
APR 21 1975
Department of Water Resources

State of Idaho)

County of Shoshone)

Permit No. 94-7011

Callahan Mining Corporation

Caladay Project of P. O. Box 905, Osburn, ID 83849
(name) (address)

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

That he is the holder, or the duly authorized agent of the holder *, of Permit to Appropriate the Public Waters of the State of Idaho No. 94-7011.

That under the terms and conditions of said permit, work thereunder was required to be completed on or before May 1, 1975.

That he has heretofore performed the following work described under said permit:
Installed collection system as described in supplement to original application for item (1). Additionally, installed measuring basins and V-notch weirs in sources (1) and (2), and installed a 3" Parshall flume in the tunnel listed as source (3). Also installed a wobble disc flow meter in pump system to water tank. *

*See enclosed detail description of measuring devices. Costing \$ 30,000+

That he is unable to complete the remainder of the work within the required time for the following reasons, to-wit: Following the expenditure of \$3.5 million for excavations and capital equipment, the project has been on standby since 1971, awaiting further funding. Successful completion of project will require originally appropriated amount of water.

Wherefore, he asks that the Department of Water Resources extend the time for the completion of obligations under said permit to May 1, 1980.

CALLAHAN MINING CORPORATION

James B. Robison Senior Engineer
(signature) *

Subscribed and sworn before me this 28th day of April, 1975.

seal

Connie Emerson
Notary Public residing at
Osburn

My commission expires 5-7-78

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, A. KENNETH DUNN, Administrator of the Idaho Department of Water Resources, hereby approve the above application for extension of time for Permit No. 94-7011 to May 1, 1980.

Witness my hand this 12th day of May, 1975.

A. Kenneth Dunn
Administrator, Operations Division

* IF OTHER THAN HOLDER, Power of Attorney must be supplied. Forms are available through the Department of Water Resources, State Capitol, Boise, Idaho 83720.

RECORDED

SUPPLEMENT TO APPLICATION FOR EXTENSION OF TIME

Permit No. 94-7011

Description of water flow measurement devices installed on Caladay Project domestic and fire water system.

- (1) South Branch Water Supply. A 90° V-Notch Weir is installed in such a manner that flows are always fully contracted, and measured by reading a porcelain coated staff gauge installed in an upstream measuring pool at a sufficient distance to give a full pool height measurement.
- (2) North Branch Water Supply. Same as in (1) but using a 45° V-Notch Weir.
- (3) Tunnel Water Supply. A 3-inch standard Parshall Flume is installed in the water drainage ditch. This flume operates under submerged flow conditions. Water levels on the upstream (H_a) and throat (H_b) measurement points are read from porcelain staff gauges installed in stilling wells, and submerged flow corrections are made according to tables listed in the U. S. Department of Interior, Bureau of Reclamation, "Water Measurement Manual". For long-term use on this flume, when it is possible to lower the downstream ditch and run under free discharge rates, a Stevens 7 day clock recorder (which is on hand) will be used to monitor H_a flows. The seven day charts are calibrated for use with the flume.

Additionally we have installed a wobble disc meter on our pump supply line to the 50,000 gallon tank, to record water flows currently diverted for standby fire protection, and use of sanitary facilities by the watchman at the project.

RECORDED

Identification No. 94-7011

Application No. _____

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant Callahan Mining Corporation, Caladay Project
post office address Box 905, Osburn, Idaho 83849
2. Source of water supply 2 unnamed creeks and mine tunnel which is a tributary of South Fork of the Coeur d'Alene River
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 27 Township 48N
Range 4E B.M. Shoshone County; additional points of diversion if any: (3 points)
- b. If water is not consumed, it will be discharged into same unnamed creeks at a point in NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 27 Township 48N Range 4E B.M. Shoshone County
4. Water will be used for the following purposes:
Amount 2.79 ^{cfs} for industrial purpose from January 1 to December 31 ^{Annually} (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated: 2.79 cfs
a. see supplement, Par cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. (see supplement) A catchment basin in creek impounds several feet of water for gravity pipe flow to a 1,000 gallon pump sump box. Water is pumped from box to a 50,000 gallon tank, from which point it flows by gravity pipeline to the point of use.
b. Height of storage dam N.A. feet, active reservoir capacity _____ acre feet; total reservoir capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ (Mo. Day) to _____ (Mo. Day) inclusive.
c. Proposed well diameter is N.A. inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
b. Estimated construction cost is \$ 30,000.
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 27 Township 48N
Range 4E B.M.
(2) Amount of power to be generated: None hp under _____ feet of head.
(3) List number of each kind of livestock to be watered None
(4) Name of municipality to be served None, or number of families to be supplied with domestic water None.
(5) If water is to be used for other purposes describe: Industrial consumption for mining purposes including, but not limited to; shower and drinking use; cooling and cleaning of equipment; drilling; fire protection; and processing of mineral ores and waste.

94-7011

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

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

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes None

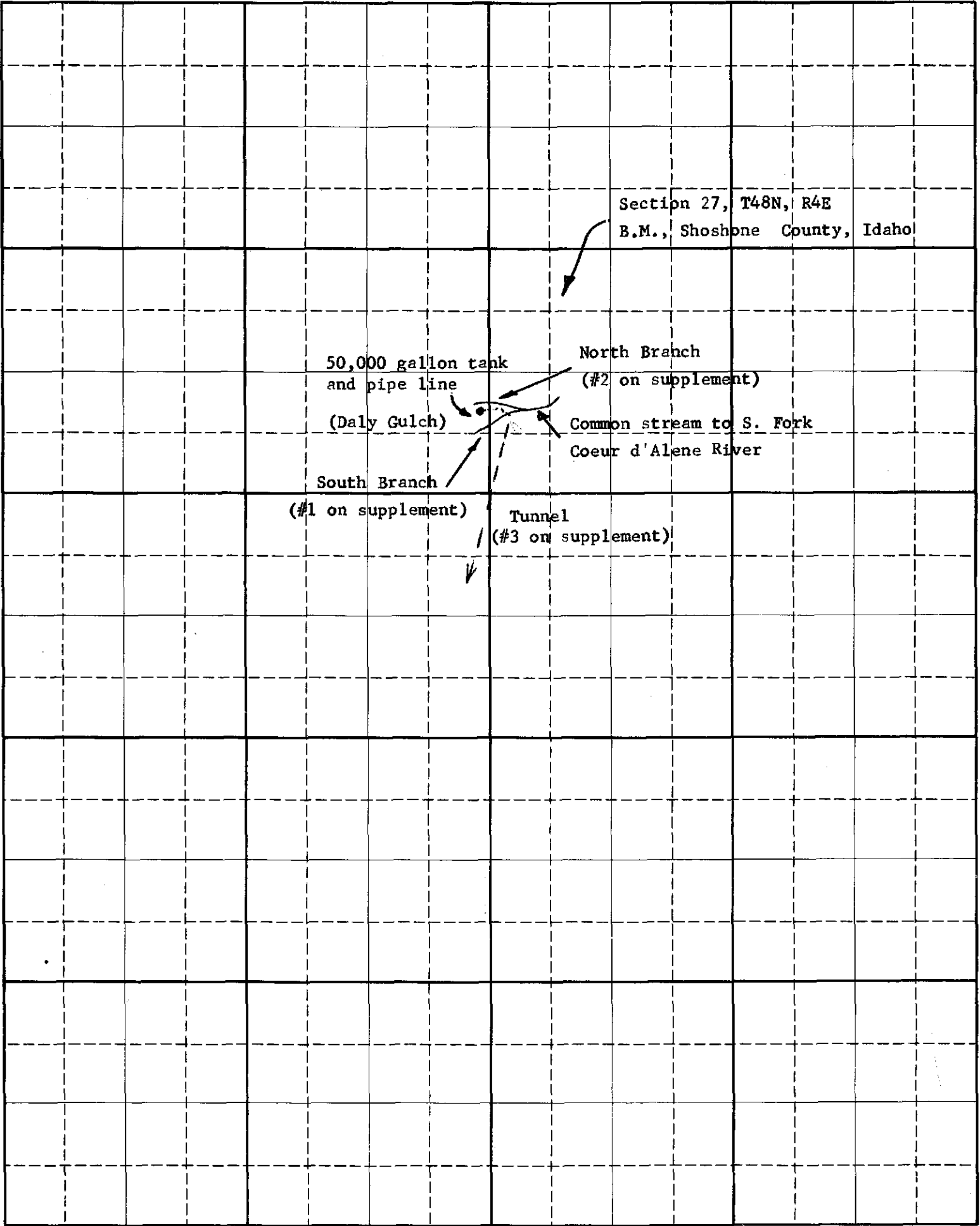
9. a. Who owns the property at the point of diversion Northern Pacific Railway Company

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

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing A lease arrangement with the Northern Pacific Railway Co. enables the applicant to develop, and utilize water on the leased ground.

10. Remarks See supplement to this application

11. Map of proposed project:



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.

CALLAHAN MINING CORPORATION

BY Harold J. Hull
(Applicant) Vice President

94-7011

3-5-70 9:00 a.m.
Received by [Signature] Date 2-19-70 Time 8:00 a.m.
Preliminary check by [Signature] Fee \$ 30.00
Receipted by [Signature] Date 3-5-70
Publication prepared by [Signature] Date 3-25-70
Published in North Idaho Press
Publication dates 4-2-9-70
Publication approved [Signature] Date 4-21-70
Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by [Signature]

APPROVED

ACTION OF STATE RECLAMATION ENGINEER

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 94-7011, 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 May 1, 1975.
- c. Other: The permit holder shall permanently install and maintain measuring devices of a type approved by the department as part of the diverting works. That adequate treatment of the return water be made to insure that the effluent meets intrastate stream water quality standards.

2. Denial of said application is for the following reasons: _____

Witness my hand this 1st day of May 19 70.

[Signature]
State Reclamation Engineer

Supplement -- Callahan Mining Corporation
Application for Public Water Appropriation

It is the intent and purpose of this application to file upon certain water sources in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 27, T48N, R4E, B.M., Shoshone County, Idaho. A description of diversion works, constructed and proposed, is included here below:

- (1) In the south branch of an unnamed creek in Daly Gulch, at an elevation of approximately 3,060 feet, a concrete dam approximately 14 feet long by 4 feet high has been placed across the creek branch to form a small catchment basin. Water flows from this basin by gravity head to an approximate 1,000 gallon capacity concrete holding tank, with overflow from the tank returning to the same stream. Underflow from this tank flows by gravity head to a pump building, from which point it travels by buried 4-inch line approximately 850 feet north and west to a 50,000 gallon wood stave tank. Water flows by return pipe buried adjacent to such 4-inch line to the Caladay Project camp area (point of diversion) where it is used as noted in the application. A second return pipe line, 8" diameter, also buried adjacent to the above lines, supplies water to the camp fire protection system.

The wood stave tank, approximately 250 feet higher in elevation than the diversion point, is located on land whose surface rights are owned by Silver Buckle Mining Company and which company has granted to Callahan permission to construct, use, and maintain an access road, tank, and pipe lines.

The water at the diversion point is on land leased by Callahan from the Northern Pacific Railway Company, which lease grants to Callahan the right to use the water rights involved.

Present developed capacity of this creek is a flow of 50 U.S. gallons per minute.

- (2) A second unnamed branch of the same stream, located immediately to the north of the first, also flows through Northern Pacific land leased to Callahan. It is anticipated that as project water demands increase, a catchment basin will be constructed across this creek, and the impounded water will be pumped by a pipeline to the holding tank listed in (1), thence into the consumption system. Changes to the system in (1) as required to handle this increased flow will be made at that time.
- (3) A third source of water is that flow issuing from the mouth of the tunnel constructed by Callahan Mining Corporation in this same $\frac{1}{4}$ section, and bearing approximately S 15 degrees W. Water issuing from this tunnel includes return water from the source listed in (1) and piped into the tunnel, and natural ground water flow into the tunnel. It is anticipated that when project demands so require, this water will be made available for use, especially cooling of equipment and processing of rock materials, through the installation of suitable holding, processing, and diversion works.

94-7011

(continued)

-2-

Presently, unused water from sources (1) and (2) is allowed to flow through the Caladay site via 36-inch diameter metal culvert pipe, thence to return to the creek bed. Water from the tunnel is allowed to percolate through camp waste dump rock and fill, and thence to the Daly Gulch creek bed.

The quantity of water available for appropriation is unknown, as no records of stream flow have been located. In spring run-offs it is anticipated that flows could exceed 3 to 4 cubic feet per second, and in dry parts of the year this flow could be reduced practically to zero. It is the applicant's intent to file on all of the free and unappropriated water in the streams and tunnel, with unused excess returned to the stream bed as noted above. It is anticipated that the water required will be 1,250 gallons per minute (2.79 cfs). This is the basis for filing on the total flow of free and unappropriated water. ✓

As a part of this application it is intended that the rights granted to Callahan Mining Corporation may be at some future date transferred or assigned to the Caladay Silver Mining Corporation without reapplication for permit to appropriate the public waters involved.

94-7011

DEPARTMENT OF RECLAMATION

STAFF ANALYSIS

Application No. 94-7011 Name Callahan Mining Corp.

Source 2 unnamed creeks and mine tunnel portal in Daly Gulch

Point of Diversion NW 1/4 SW 1/4, Sec. 27, T. 48N, R. 4E, B.M., Shoshone County
(3 points)

Quantity 2.79 Use industrial Period Jan. 1 - Dec. 31

Quantity _____ Use _____ Period _____

Quantity _____ Use _____ Period _____

Well Size _____ Diameter _____ Proposed Depth _____ Feet

Use SEE ATTACHED FILE

Date Forwarded 3-16-70 Date Returned 3-17-70 Received by Judy

RECOMMENDATIONS:

Comments should be requested from Dept. of Health. Under items 2 & 3 of supplemental sheet the appropriation appears to be speculation. Applicant should be asked to substantiate estimated construction schedule and more describe use and need for water. Applicant admits that a portion of water is to use it at some undetermined future date. Intent seems to be to prevent subsequent appropriation.

Qty. _____ Use _____ Period _____ AF _____ AFA _____

Qty. _____ Use _____ Period _____ AF _____ AFA _____

Qty. _____ Use _____ Period _____ AF _____ AFA _____

ACTION: Approved ☒ Denied _____

Conditions of approval or reason for denial: Recommend

no action until supplemental info. submitted, or partial denial with approval only of that system described under item 1. 50 gpm = .11 CFS. Subject for construction of waste treatment facilities approved by Dept. of Health.

ENGINEER IN CHARGE

By C. L. Dunn

Title Asst. State Engr

Date 3-16-70

Condition permit to require that applicant meet the minimum treatment and effluent requirements of the Idaho Dept. of Health.

Applicant should be asked to substantiate estimated construction schedule and more describe use and need for water. Applicant admits that a portion of water is to use it at some undetermined future date. Intent seems to be to prevent subsequent appropriation.

94-7011

4-27-70

DEPARTMENT OF RECLAMATION

STAFF ANALYSIS

Application No.	94-7011	Name	Callahan Mining Corp.			
Source	2 unnamed creeks and mine tunnel portal in Daly Gulch					
Point of Diversion	NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 27, T. 48N, R. 4E, B.M., Shoshone County (3 points)					
Quantity	2.79	Use	industrial	Period	Jan. 1 - Dec. 31	
Quantity		Use		Period		
Quantity		Use		Period		
Well Size		Diameter		Proposed Depth		Feet
Use	SEE ATTACHED FILE					
Date Forwarded	3-20-70	Date Returned	3-23-70	Received by	JMM	

RECOMMENDATIONS: Point of DIVERSION is AT WALLACE IDAHO. No flow measurements available. Tone of application indicates speculation. Documents in the form of plans and contracts should be submitted by the applicant to establish a need for the water.					
Qty.	Use	Period	AF	AFA	
Qty.	Use	Period	AF	AFA	
Qty.	Use	Period	AF	AFA	
ACTION: Approved _____ Denied _____					
Conditions of approval or reason for denial: FURTHER justification is required for appropriating an amount greater than 0.11 cfs that is already being used.					
INVESTIGATION		By	Norman C. Young	Title	WR. I II
				Date	3-23-70

94-7011

STATE OF IDAHO, }
County of Shoshone. } ss.

PROOF OF PUBLICATION

NOTICE OF APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF IDAHO

Notice is hereby given that Cal-
lahan Mining Corp., Caladay
Project, Box 905, Oshburn, Idaho,
has on March 5, 1970, submitted
Application No. 94-7011 to appro-
priate the public waters of two
unnamed creeks and mine tunnel
portal in Daly Gulch, tributary of
S. Fork of the Coeur d'Alene
River.

The application proposes a
maximum diversion and ap-
propriation of 2.79 cubic feet per
second of water to be diverted by
pump and pipe within the NW¼
SW¼ (3 points) of Sec. 27, T.
48N, R. 4E, B.M., Shoshone Coun-
ty, and is to be used within the
NW¼SW¼, Sec. 27, T. 48N, R.
4E, B.M. for industrial purposes
from January 1 to December 31.

Any permit issued pursuant to
this application will be subject
to ALL PRIOR WATER RIGHTS
and subject to the CONTROL OF
A STATE WATERMASTER. Any
protest against this application
must be filed with the Idaho De-
partment of Reclamation on or
before April 20, 1970.

R. KEITH HIGGINSON
State Reclamation
Engineer

Published in the North Idaho
Press, Wallace, Idaho, on April 25, 1970.
M 3 and April 9, 1970.

R. J. Bruning, being first duly

sworn, deposes and says: That he is the Publisher
of the North Idaho Publishing Co., publishers of the North Idaho Press, a
daily newspaper printed and published at Wallace, Shoshone County, Idaho,
which said newspaper has a general circulation in said county, and has been
continuously and uninterruptedly printed and published in said county during

a period of seventy-eight consecutive weeks prior to the 3rd
day of April, 1970.

Pursuant to the provisions of Chapter 154 of the 1933 Session Laws of
the State of Idaho, said North Idaho Publishing Company has designated
Friday of each week as the day on which will be published legal notices
required by law or by order of any court of competent jurisdiction within
the State of Idaho.

That the Notice of Application for Permit of which
a complete and correct copy is hereto attached, was first published in said
newspaper in its Friday issue dated the 3rd day of April,
1970, and was published in each successive Friday issue of said newspaper
for two (2) issues, the last publication thereof being the Friday issue
dated the 10th day of April, 1970.

Subscribed and sworn to before me this

14th day of April, A.D., 1970.

Notary Public for the State of Idaho
residing at Wallace, Idaho.

94-7011

STATE OF IDAHO,

County of Shoshone.

ss.

PROOF OF PUBLICATION

NOTICE OF APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF IDAHO

Notice is hereby given that Callahan Mining Corp., Caladay Project, Box 905, Osburn, Idaho, has on March 5, 1970, submitted Application No. 94-7011 to appropriate the public waters of two unnamed creeks and mine tunnel portal in Daly Gulch, tributary of S. Fork of the Coeur d'Alene River.

The application proposes a maximum diversion and appropriation of 2.79 cubic feet per second of water to be diverted by pump and pipe within the NW $\frac{1}{4}$ SW $\frac{1}{4}$ (3 points) of Sec. 27, T. 48N, R. 4E, B.M., Shoshone County, and is to be used within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 27, T. 48N, R. 4E, B.M. for industrial purposes from January 1 to December 31.

Any permit issued pursuant to this application will be subject to ALL PRIOR WATER RIGHTS and subject to the CONTROL OF A STATE WATERMASTER. Any protest against this application must be filed with the Idaho Department of Reclamation on or before April 20, 1970.

R. KEITH HIGGINSON
State Reclamation
Engineer

Published in the North Idaho Press, Wallace, Idaho, on April 25, 1970.
3 and April 9, 1970.

R. J. Bruning

, being first duly

sworn, deposes and says: That he is the Publisher of the North Idaho Publishing Co., publishers of the North Idaho Press, a daily newspaper printed and published at Wallace, Shoshone County, Idaho, which said newspaper has a general circulation in said county, and has been continuously and uninterruptedly printed and published in said county during

a period of seventy-eight consecutive weeks prior to the 3rd day of April, 19 70.

Pursuant to the provisions of Chapter 154 of the 1933 Session Laws of the State of Idaho, said North Idaho Publishing Company has designated Friday of each week as the day on which will be published legal notices required by law or by order of any court of competent jurisdiction within the State of Idaho.

That the Notice of Application for Permit of which a complete and correct copy is hereto attached, was first published in said newspaper in its Friday issue dated the 3rd day of April, 19 70, and was published in each successive Friday issue of said newspaper for two (2) issues, the last publication thereof being the Friday issue dated the 10th day of April, 19 70.

R. J. Bruning
Subscribed and sworn to before me this

14th day of April, A.D., 19 70.

Doris Bruningville
Notary Public for the State of Idaho
residing at Wallace, Idaho.

94-7011

May 2, 1983

RE: Permit No. 94-7011

Callahan Mining Corp.
Box 905
Osburn, ID 83849

Gentlemen:

Enclosed herewith is a copy of your Water Right License issued on the above referenced permit along with a copy of your approved application for amendment. Also enclosed is Departmental Receipt No. 25951 in the amount of \$20.00.

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

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:kw
Enclosures

RECEIVED
MAY 10 1983
WATER DIVISION



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

February 23, 1983

RE: Permit No. 94-7011

Callahan Mining Corp.

Box 905

Osburn, ID 83849

Gentlemen:

A representative of this Department made an examination of the works covered by your Permit No. 94-7011 and has found the following:

Amount of water that can be recognized as beneficially used under Idaho law: **0.43 cfs** Source: **Daly Gulch**

The maximum quantity diverted shall not exceed **311.3** acre feet per year.

Point of diversion: (2 points) **NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 27; (1 point) NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 33; Twp. 48N, Rge. 4E**

Beneficial use: **Industrial use for mining, domestic, cooling and cleaning of equipment, fire protection and mineral ore processing within the SW $\frac{1}{4}$, Sec. 27; E $\frac{1}{2}$, Sec. 33; Twp. 48N, Rge. 4E**

Priority date established: **March 5, 1970**

In order for the Department to issue the above license, it will be necessary for you to amend the permit to correspond with the findings of the field examiner. We are enclosing a partially completed amendment form for your use in this matter.

Please sign the amendment application and return it to this office along with a \$20.00 filing fee within 30 days in order that we might issue your license as set forth above. If you do not concur with these findings or have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON

Water Distribution Supervisor

JJ:kw

Enclosure

ENCLOSURE

CALLAHAN MINING CORPORATION

P. O. BOX 905
OSBURN, IDAHO 83849

June 4, 1982

Blane file

Mr. Tom D. King
Senior Water Resource Agent
State of Idaho
Department of Water Resources
Suite No. 1
4055 Government Way
Coeur d'Alene, Idaho 83814

REF., I.D. No. 94-7011

Dear Mr. King:

In response to your request during our telephone conversation of June 2, 1982 I submit a description of the underground portion of the Caladay Project.

All or parts of the following claims in the Vulcan Extension Group, Mineral Survey No. 3346: Mashie, Driver; Mineral Survey No. 3349: Hazel, Marie, Capitol, Capitol No. 2, Wallace Extension, Nora; Mineral Survey No. 3348: Log Cabin, Richelieu and June (unpatented). The vertical Caladay Shaft lies in the Log Cabin Claim (M.S. No. 3348). These claims lie in the S.W. $\frac{1}{4}$, Sec. 27, T.48N., R.4E; N.E. $\frac{1}{4}$, Sec. 33, T.48N., R.4E and the S.E. $\frac{1}{4}$, Sec. 33, T.48N., R.4E., B.M.

If you need any more information, please do not hesitate to contact me.

Very truly yours,

D. R. England

Douglas R. England
Project Engineer

DRE/ca

RECEIVED

JUN 8 1982

Department of Water Resources
Northern District Office



RECEIVED

JUL 1 1982

State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

S Department of Water Resources

94-7011

Permit No.

CONTACT WITH PERMIT HOLDER

	DATE	INITIALS	REMARKS
☐ Appointment letter mailed:	<u>9-16-80</u>	<u>JK</u>	^① <u>752-7011 / 752-1204 / Doug England</u>
	<u>9-17-80</u>	<u>JK</u>	<u>Appt. @ office - Pump not working</u>
☐ Telephone call made:	<u>1-12-81</u>	<u>JK</u>	<u>D.E. @ Mine - call back</u>
(List Telephone No. used)	<u>5-27-81</u>	<u>JK</u>	^② <u>556-6811 - Mine</u>
☐ Appointment scheduled for:			
(Date, time, location)			

EXAMINATION

Date 5-25-1983 Accompanied by Doug England Total Q measured 0.43 cfs
If source is surface water, estimate total flow of source #1 - 0.5 cfs / #2 - 0.3 cfs / #3 - 1.0 cfs
Methods of measurement Gauger / Flood indicator Meets Permit requirements? Yes

Measurement calculations: Tank capacity $NR^2H = 7238.25 \text{ cf}$ & $NR^2 = 452.39 \text{ cf/ft.}$

Efficiency

#1 $2 \left(\frac{8.8(7.5)70\%}{2.33(200)+250} \right) = 0.13 \text{ cfs}$ } Flood indicator
#1 w/ one pump;
Indicator moved 0.06 in 5 min

#2 $\frac{8.8(10)70\%}{2.33(200)+250} = 0.08 \text{ cfs}$ } $\frac{0.06(452.39)}{5} = \frac{5.42}{60} = 0.09 \text{ cfs}$
Efficiency @ 2 pumps & one pump

#3 $\frac{8.8(25)70\%}{2.33(200)+250} = 0.43 \text{ cfs}$

SEE ATTACHED

SEE ATTACHED

WELL/DIVERSION* NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEV.	REMARKS
1	7.5/7.5	2/5	5K1841157	Pacific	11631818	Gamon Calnet	Broken	Doty Creek
2	10	2/5	60-07413 -773	AURORA	780-7456			unpaved stream
3	2.5	4/5	R3577-05-564	"	7X0-71457			

System Description Four pumps with pipeline to 7238.25 cfs storage tank then to places of use (see ATTACHED) Diagram

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement = AFA/Acre

USE

Q (cfs)

V (afa)

FROM

TO

Industrial

0.43

31.31

1.1

12-31

~~Domestic~~

0.07

— 16 —

2.2

12.37

~~Legal Protection~~

2.5.5

2014

1-2

12-31

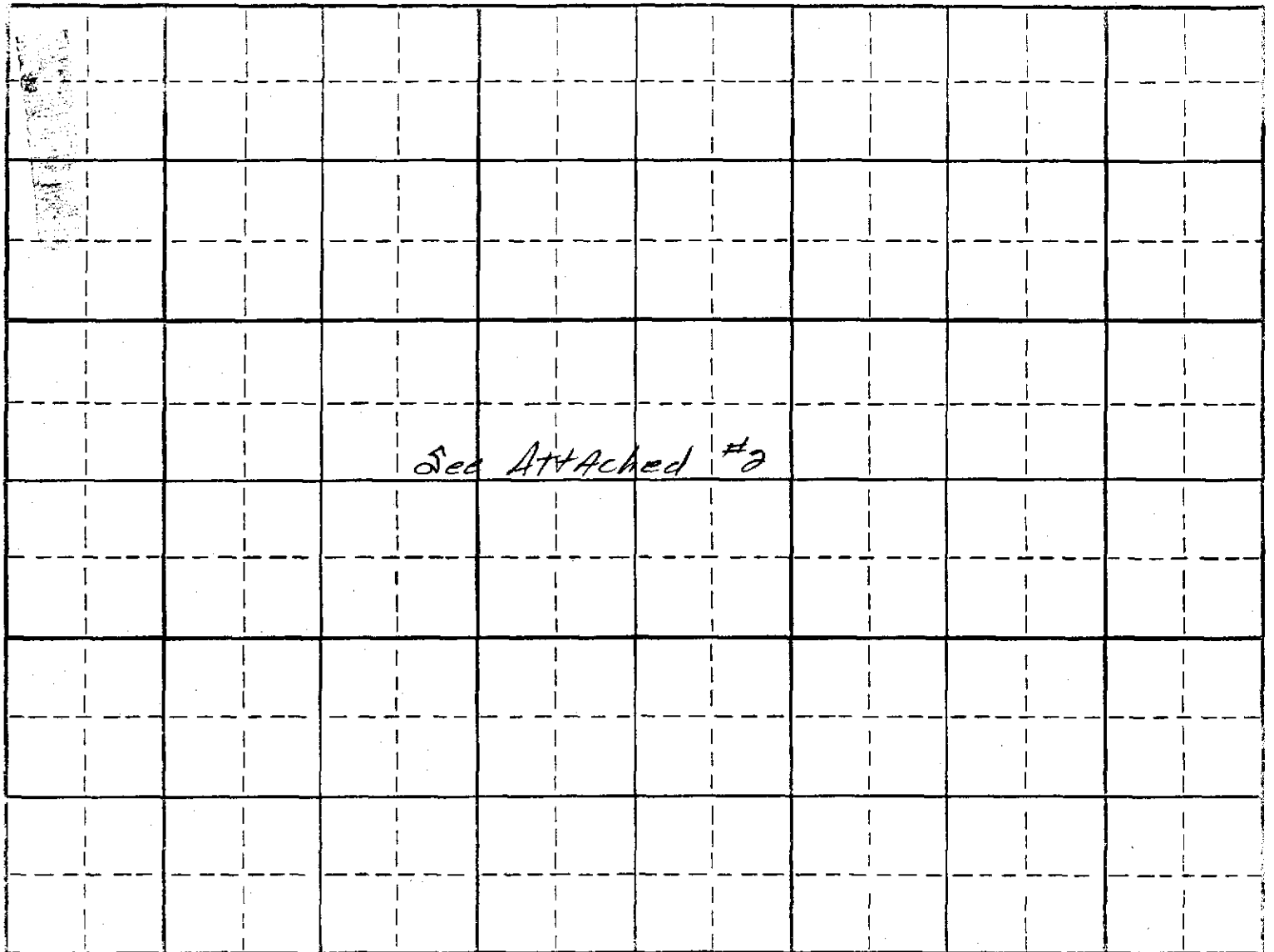
 $\sim A$

Total

0.43

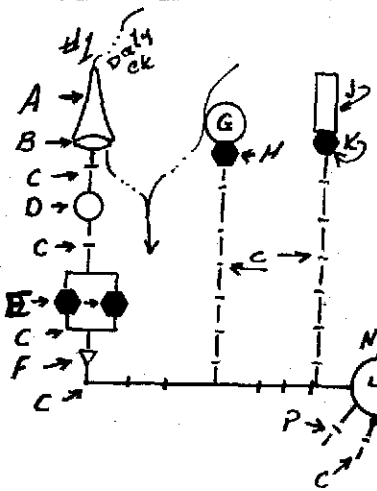
34.37

Remarks



SCHEMATIC DIAGRAM OF SYSTEM

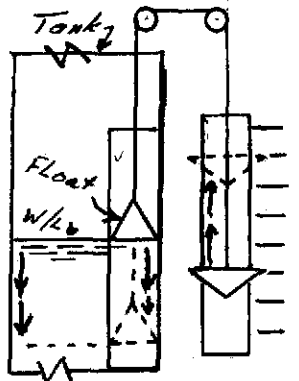
(Include distance from pump to measuring device, if applicable.)



- A. 10ft Dia. Pond X 4ft
- B. 14'X4'X8" Conc. Dam
- C. 4" pipe
- D. 8'X8'X8' Conc Tank
- E. 2, 7.5 HP Motors
- F. Flow Meter
- G. 4' Dia. Conc Rings installed Vert. 8' depth
- H. 10 HP pump
- J. Excavated pond 6'X8'X20'
- K. 25 HP pump
- L. Wooden Slave Tank 12'R, 16'H
- M. Rockwell Meter
- N. Calibrated Mechanical Float Indicator
- P. 8" pipe to Fire Mains

Calibrated Mechanical Float Indicator

As Water level in tank lowers float descends causing weighted indicator to rise and vice versa



Point(s) of diversion:

2 points within NWSW Sec 27, and one within the NWSW Sec 33, T 48N, R 4E

Place(s) of Use

TWP.	RGE.	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
48N	4E	27									X	X	X	X				(MS-3348)	
		33	X	X	X	X									X	X	X	X	

Recommended Amendments:

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

☒ Other **NATURE OF USE**

No Amendment Needed Per REC.M.T.

Examiner's Signature

Checked by

Approved by

Date 5-27-82

Date 6/22/82

Date 2-16-83

Supplemental

Wooden Stave Tank

Circum. = 75' $R = 12'$ $H = 16'$

$A = \pi R^2 = \underline{452.39}$ cubic feet per foot $\pi R^2 H = 7238.25$ Total Capacity

Measurements & Calculations to check CMFI

P.D. #1 with one 7.5 H.P. @ 120 psi

A) Calibrated Mechanical Float Indicator $\frac{x(\text{CMFI}) 0.06 \text{ ft}}{5 \text{ min}} \therefore$
 $\frac{0.06(452.39)}{300} = \underline{0.09 \text{ cfs}}$

B) Rockwell Flow Meter $\frac{5.5}{5 \text{ min}} \therefore \frac{5.5}{300} = 0.02 + 0.09 = \underline{0.11 \text{ cfs}}$
 (Flow meter measures water leaving tank)

C) Efficiency $\frac{8.8(7.5)\text{E}}{2.33(120)+250} = 0.11 \therefore \frac{66\text{E}}{529.6} = 0.11 \therefore \text{E} = \frac{529.6}{66} = 88\%$

D) Pump rated at 50 gpm

MEASUREMENT

~~With~~ With all pumps @ 200 psi

A) CMFI $\frac{0.27}{5 \text{ min}} \therefore \frac{0.27(452.39)}{300} = \underline{0.41 \text{ cfs}}$

(CALIBRATED MECHANICAL FLOAT INDICATOR) SEE DIAGRAM

B) RFM $\frac{5.5}{5 \text{ min}} \therefore \frac{5.5}{300} = \underline{0.02 \text{ cfs}}$ $0.02 \text{ cfs} + 0.41 \text{ cfs} = \underline{0.43 \text{ cfs}}$

C) Efficiency

→ #1) $\frac{8.8(7.5) 70\%}{2.33(200)+250} = \underline{0.13 \text{ cfs}}$

#2) $\frac{8.8(1.0) 70\%}{2.33(200)+250} = \underline{0.08 \text{ cfs}}$

#3) $\frac{8.8(25) 70\%}{2.33(200)+250} = \underline{0.22 \text{ cfs}}$

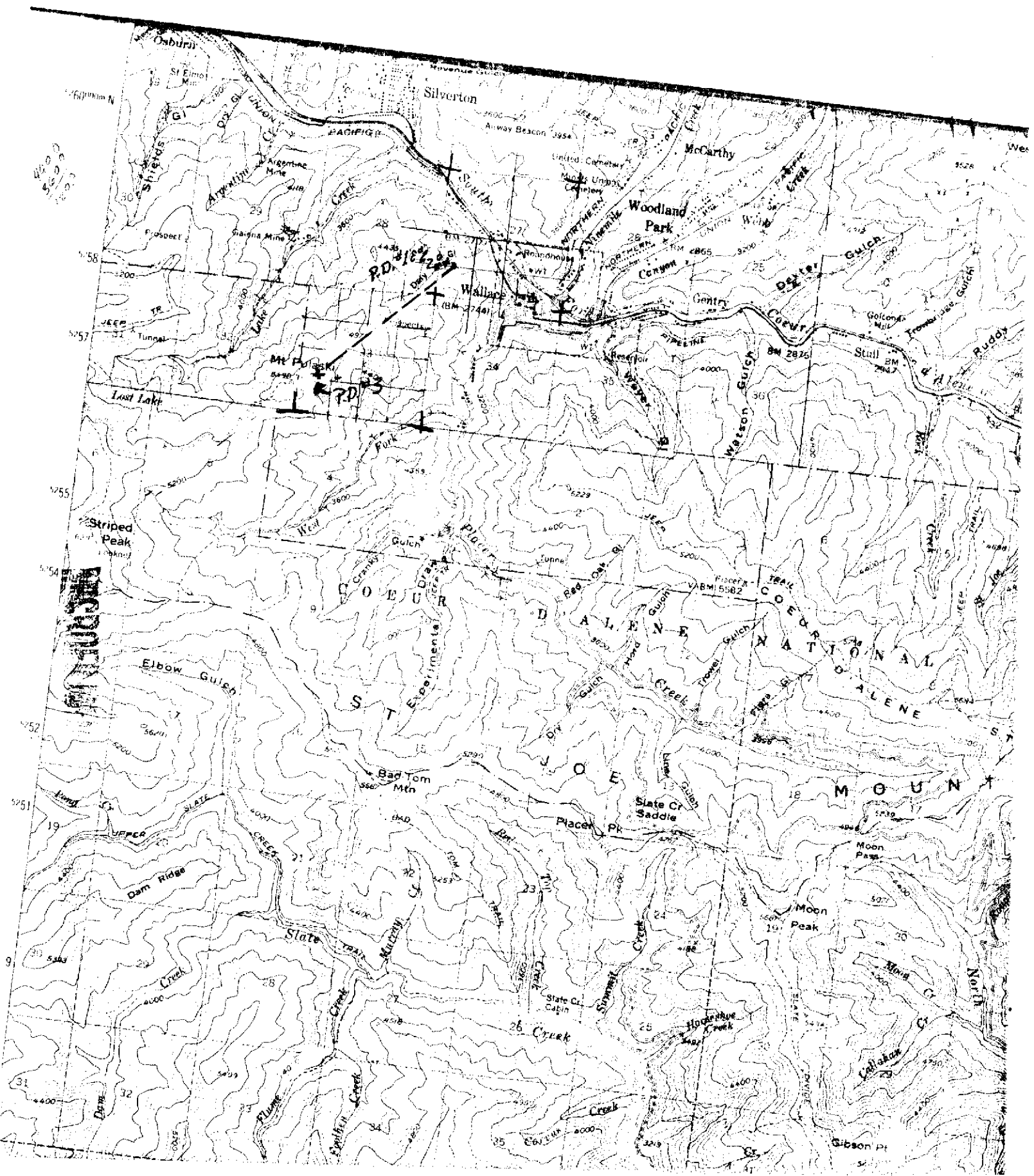
$0.13 + 0.08 + 0.22 = \underline{0.43 \text{ cfs}}$

D) AFA

$0.43 (1.7835) 365 = \underline{278.31 \text{ AFA}}$

2 pumps
MICROFILMED

94-7011
#2



- Showers
- Wash basins
- Commodes
- drinking fountains
- Drills
- Presses

8" perforated pipe 30' inspection for 4510hp #20-07413-875 #Arora
3" line to wood stave tank
wood storage
Sand info on sep
#788-71456

Supplement -- Callahan Mining Corporation
Application for Public Water Appropriation

It is the intent and purpose of this application to file upon certain water sources in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 27, T48N, R4E, B.M., Shoshone County, Idaho. A description of diversion works, constructed and proposed, is included here below:

- 9E 7.5
#6E
Pacific
Rwy no II
- (1) #2 In the south branch of an unnamed creek in Daly Gulch, at an elevation of approximately 3,060 feet, a concrete dam approximately 14 feet long by 4 feet high has been placed across the creek branch to form a small catchment basin. Water flows from this basin by gravity head to an approximate 1,000 gallon capacity concrete holding tank, with overflow from the tank returning to the same stream. Underflow from this tank flows by gravity head to a pump building, from which point it travels by buried 4-inch line approximately 850 feet north and west to a 50,000 gallon wood stave tank. Water flows by return pipe buried adjacent to such 4-inch line to the Caladay Project camp area (point of diversion) where it is used as noted in the application. A second return pipe line, 8" diameter, also buried adjacent to the above lines, supplies water to the camp fire protection system.

The wood stave tank, approximately 250 feet higher in elevation than the diversion point, is located on land whose surface rights are owned by Silver Buckle Mining Company and which company has granted to Callahan permission to construct, use, and maintain an access road, tank, and pipe lines.

The water at the diversion point is on land leased by Callahan from the Northern Pacific Railway Company, which lease grants to Callahan the right to use the water rights involved.

Present developed capacity of this creek is a flow of 50 U.S. gallons per minute.

- (2) A second unnamed branch of the same stream, located immediately to the north of the first, also flows through Northern Pacific land leased to Callahan. It is anticipated that as project water demands increase, a catchment basin will be constructed across this creek, and the impounded water will be pumped by a pipeline to the holding tank listed in (1), thence into the consumption system. Changes to the system in (1) as required to handle this increased flow will be made at that time.
- (3) A third source of water is that flow issuing from the mouth of the tunnel constructed by Callahan Mining Corporation in this same $\frac{1}{4}$ section, and bearing approximately S 15 degrees W. Water issuing from this tunnel includes return water from the source listed in (1) and piped into the tunnel, and natural ground water flow into the tunnel. It is anticipated that when project demands so require, this water will be made available for use, especially cooling of equipment and processing of rock materials, through the installation of suitable holding, processing, and diversion works.
- 94-7011

MICROFILMED

Presently, unused water from sources (1) and (2) is allowed to flow through the Caladay site via 36-inch diameter metal culvert pipe, thence to return to the creek bed. Water from the tunnel is allowed to percolate through camp waste dump rock and fill, and thence to the Daly Gulch creek bed.

The quantity of water available for appropriation is unknown, as no records of stream flow have been located. In spring run-offs it is anticipated that flows could exceed 3 to 4 cubic feet per second, and in dry parts of the year this flow could be reduced practically to zero. It is the applicant's intent to file on all of the free and unappropriated water in the streams and tunnel, with unused excess returned to the stream bed as noted above. It is anticipated that the water required will be 1,250 gallons per minute (2.79 cfs). This is the basis for filing on the total flow of free and unappropriated water.

As a part of this application it is intended that the rights granted to Callahan Mining Corporation may be at some future date transferred or assigned to the Caladay Silver Mining Corporation without reapplication for permit to appropriate the public waters involved.

RECORDED

94-7011

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES
Northern Region

JOHN V. EVANS
Governor
C. STEPHEN ALLRED
Director

4055 Government Way
Coeur d'Alene, ID 83814
(208) 667-6484

September 16, 1980

Callahan Mining Corp.
Box 905
Osburn, Idaho 83849

RE: 94-7011

Gentlemen:

We acknowledge receipt of your statement of completion of water development and use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We do not know at this time when he will be able to conduct the examination, however, the examiner will try to contact you at the time he makes the examination so that you may show him the system. Your permit will remain valid until the examination is made.

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

Very truly yours,

TOM D. KING
Senior Water Resource Agent

TDK/pms

cc: IDWR - State Office

MICROFILMED

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 94-2011.

Name(s) of Permit Holder:

Callahan Mining Corporation

Post Office Address:

Box 905 Osburn, IDAHO 83849

Tel. No. 752-1204

Source of Water:

2 CREEKS AND NATURAL FLOW FROM TUNNEL

Extent of Use:

- ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☐ Irrigation _____ (acres)
☐ Other INDUSTRIAL - WASHING, DRINKING,
DRILLING, COOLING, MINERAL PROCESSING

Measuring Device:

Required?

☒ Yes ☐ No

Installed?

☒ Yes ☐ No

Access Port:

Required?

☐ Yes ☒ No

Installed?

☐ Yes ☒ No

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

9/8/80
Date

D. R. England
Signature of Permit Holder

Callahan Mining Corp.

RECEIVED

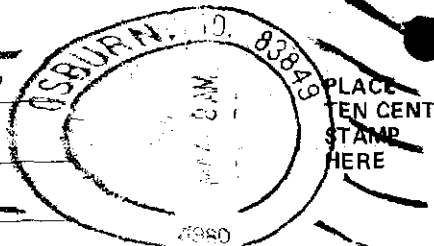
MAY 12 1980

Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



Callahan Mining Corp
Box 905
Osburn, Idaho 83849



INTER-DEPARTMENT MEMO — 1

FROM Rita Fleck

DATE Sept. 8, 1980

TO File

SUBJECT Permit No. 94-7011

Request for extension of time was submitted on March 26, 1980,

Notification of denied extension request was sent out April 24, 1980.

Proof due May 1, 1980.

Partial proof submitted May 12, 1980.

Even though the proof card was submitted after May 1, 1980, the permit did not lapse since the permit holder returned the partial proof in a timely manner after being notified of the denied extension request.

RF 

SIGNATURE

April 24, 1980

Callahan Mining Corp.
Caladay Project
P. O. Box 905
Osburn, ID 83849

Gentlemen:

Re: Permit No. 94-7011

We have reviewed your request for an extension of time in connection with the above referenced permit. We regret that under the provisions of Sec. 42-204, Idaho Code, we cannot approve the request since we have previously granted an extension of time and cannot grant a second extension.

I would suggest that you file a statement of beneficial use postcard, (enclosed) for that portion of the project completed and file a new application within five years of the time you will actually develop the remainder of the project. (copy and instructions enclosed). Since Idaho is now under a mandatory permit procedure to develop a water right, the new application will provide an additional period of time for development, although the priority date will be later in time.

Please feel free to ask our Northern Regional office in Coeur d'Alene to assist you in completing the new application.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:rf

Enclosures

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
REQUEST FOR EXTENSION OF TIME

RECEIVED

MAR 26 1980

To provide additional time in which to submit
proof of beneficial use on a water right permit

Department of Water Resources

Callahan Mining Corp. - Caladay Project of P. O. Box 905 - Osburn, Idaho 83849
(Name) (Address)

State of Idaho, deposes and says:

That he is the holder, or the duly authorized agent of the holder*, of Permit to Appropriate the Public
Waters of the State of Idaho No. 94-7011.

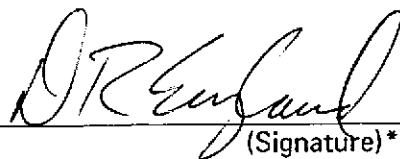
That under the terms and conditions of said permit, work thereunder was required to be completed on or
before May 1, 19 80.

That he has heretofore performed the following work described under said permit: Installed collection system
as described in supplement to original application for item (1). Additionally, installed
measuring basins and V-notch weirs in sources (1) and (2), and installed a 3" Parshall
flume in the tunnel listed as source (3). Also installed a wobble disc flow meter in
in pump system to water tank. *

* See original application for extension of time dated 5/28/75 Costing \$ 30,000.00

That he is unable to complete the remainder of the work within the required time for the following
reasons, to-wit: Project has recently been re-activated after being on stand-by since 1971.
It is Callahan's intention to complete all work required in the original permit,
however more time will be needed. Successful completion of the project will require
originally appropriated amount of water.

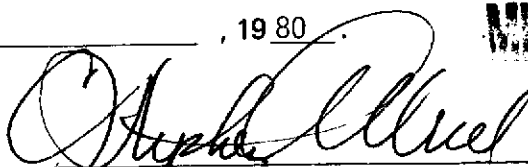
Wherefore, he asks that the Department of Water Resources extend the time for the completion of
obligations under said permit to May 1, 19 81.


(Signature)*

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above application for extension of time be DENIED pursuant to
Section 42-204, Idaho Code, which states that a permit holder may only be granted
one extension of time.

Signed this 21 day of April, 19 80.


C. STEPHEN ALLRED
Director

MICROFILMED

CALLAHAN MINING CORPORATION

P. O. BOX 905
OSBURN, IDAHO 83849

RECEIVED

March 24, 1980

MAR 26 1980

Department of Water Resources

Ms. Jan Grover
Supervisor - Water Rights
State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

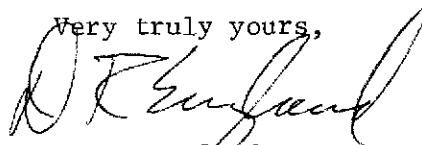
I.D. No. 94-7011

Dear Ms. Grover:

As per our telephone conversation on March 18, 1980, I enclose the Request for Extension of Time form as you suggested. I realize that this is the second extension Callahan has requested under Permit 94-7011. However, I want to assure you that the request is made in good faith and that Callahan has every intention to complete this project.

If you have any questions or need more information, please do not hesitate to contact me.

Very truly yours,



D. R. England
Project Engineer

DRE/ca

Enc.

MICROFILMED

CALLAHAN MINING CORPORATION

P. O. Box 905

OSBURN, IDAHO 83849

Ms. Jan Grover
Supervisor - Water Rights
State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83720

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

CALLAHAN MINING CORP., CALADAY PROJECT
P.O. BOX 905
OSBORN, ID 83849

101831

FEBRUARY 28, 1980

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 94-7011 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE MAY 01, 1980. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

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

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENC: 1

*Sent extension request
form to Doug England
on 3/28/80. jg*

MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

C. STEPHEN ALLRED

Director

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

September 24, 1979

Dear Wateruser:

The enclosed Order changes the measuring device condition of approval on your water right permit.

The changed condition is less restrictive and provides you the option to install an access port or have your system measured and certified by a professional engineer. Instructions for access port installation are also enclosed.

If you have questions regarding this matter, please contact the Regional Office nearest to you.

Sincerely,

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

DRT:lr

Enclosures

Northern Region Office
Rt. #5, Box 203 Government Way
Coeur d'Alene, Idaho 83814

Eastern Region Office
1515 Lincoln Street
Idaho Falls, Idaho 83401

Southern Region Office
1041 Blue Lake Blvd. North
Twin Falls, Idaho 83301

Western Region Office
92 S. Cole Road
Boise, Idaho 83705

MICROFILMED

May 12, 1975

Re: Permit No. 94-7011

Callahan Mining Corporation, Caladay Project
Attn: James B. Robison, Sr. Engr.
P. O. Box 905
Osborn, ID 83849

Dear Mr. Robison:

Enclosed is a copy of the approved application for extension of time submitted in connection with the above referenced permit.

The time within which to submit proof of beneficial use of water has been extended to May 1, 1980.

Sincerely,

D. Darlene Reich
Water Rights Supervisor

DDR:JG
Enclosure

RECEIVED

1 CALADAY PROJECT 1
CALLAHAN MINING CORPORATION
P. O. BOX 905
OSBURN, IDAHO 83849

RECEIVED
APR 29 1975
Department of Water Resources

April 28, 1975

Mr. R. Keith Higginson
Director, Department of Water Resources
State of Idaho
Statehouse
Boise, ID 83720

Dear Mr. Higginson:

Please find enclosed an application for extension of time for water permit No. 94-7011. We are sending this form, rather than a proof of application to beneficial use, at the suggestion of Mr. Glen Saxton to Mr. Bill Nicely at our corporate office in Connecticut. Should you have any questions about this application, please do not hesitate to contact us.

Very truly yours,

James B. Robison

James B. Robison
Senior Engineer

JBR:aw

Encl.

cc: W. A. Nicely
G. J. Beattie

RECEIVED

- SENDER: Complete items 1 and 2.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).

- ☐ Show to whom and date delivered..... 15¢
☐ Show to whom, date, & address of delivery.. 35¢
☐ DELIVER ONLY TO ADDRESSEE and show to whom and date delivered..... 65¢
☐ DELIVER ONLY TO ADDRESSEE and show to whom, date, and address of delivery 85¢

2. ARTICLE ADDRESSED TO:

3. ARTICLE DESCRIPTION:

REGISTERED NO. CERTIFIED NO. INSURED NO.

Helo Co.

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

94-170112-

CLERK'S
INITIALSMA
174
1975

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1 and 2 on reverse side.
- Moisten gummed ends and attach to back of article.

**RETURN
TO**

**DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720**

PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, \$300



February 28, 1975

CERTIFIED MAIL

#26603

Re: Permit No. 94-7011

Callahan Mining Corp., Caladay Project
Attn: James B. Robinson, P.E.
Box 905
Osburn, Idaho 83849

Dear Mr. Robinson:

One of the conditions of approval of your water Permit No. 95-7011 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before May 1, 1975. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must be received by this Department on or before the above mentioned date, otherwise the permit will lapse and be of no further force or effect.



R. KEITH HIGGINSON
Director

RKH:jg
Enc: Proof affidavit

April 18, 1975

Re: Permit No. 94-7011

Callahan Mining Corp.
Attn: James B. Robinson
Box 905
Osborn, ID 83849

Dear Mr. Robinson:

Pursuant to my telephone conversation of this date with Mr. William Nicely, enclosed is an application for extension of time form for your use in connection with the above referenced permit.

If you have any questions concerning this matter, please contact us.

Sincerely,

L. GLEN SAXTON
Water Resources Engineer

LGS:JG
Enclosure

Handwritten:
94-7011
file

RECEIVED

Department of Reclamation



1226 F Street
Lewiston, Idaho 83501

April 28, 1970

Mr. R. Keith Higginson
State Reclamation Engineer
Department of Reclamation
614 State Street
Boise, Idaho 83701

Re: Caladay Project

Dear Mr. Higginson:

I am enclosing a copy of a proposal by the Callahan Mining Corporation, Caladay Project, Shoshone County, Idaho. The Callahan Mining Corporation requested a water right and we requested them to furnish information on their waste disposal. Mr. James Robinson discussed their project with me over the telephone and subsequently submitted this plan.

There will be no mine tailings and all of the waste disposal will be from the men working, from the exploration work plus mine drainage water which I understand is currently going to the natural drainage. I see no reason why we should object to the water right for the project so long as it is confined to exploration work without milling of the ore.

Sincerely,

Arthur W. Van't Hul, P. E.
Regional Public Health Engineer

AVH/eel

Enclosures

cc: Vaughn Anderson

94-7011

CALADAY PROJECT
CALLAHAN MINING CORPORATION

P. O. BOX 965
OSBURN, IDAHO 83849

April 22, 1970

Mr. Arthur W. Vant Hul
Public Health Engineer
Idaho Department of Health
1226 F. Street
Lewiston, Idaho 838501

Dear Mr. Vant Hul:

Since our telephone conversation yesterday, I have prepared a small sketch showing water disposal systems at the Caladay Project. A copy of this sketch is enclosed.

Let me amplify the sketch by pointing out the following items:

- (1) Main stream flow through the camp is via a 36-inch diameter corrugated metal culvert pipe. It is anticipated that this pipe will be extended beyond its present length as the dump is extended.
- (2) The dry well from the warehouse handles very occasional wash water from the floors, but never sewage.
- (3) Our dryhouse (shower and toilets) has two water disposal systems. System A (500 gallon septic tank) handles only shower water. The tank is for settlement of suspended solids. System B handles toilet drain flow, and wash basin water. It was felt desirable to build the system this way to prevent excessive flushing of active matter from the sewage system by shower flows. Both of these systems flow through about 80 feet of asphalt coated steel pipe to a gravel dry well. Incidentally, both systems were plumbed up to the tank by a local plumber. I personally supervised installation of the drain pipe.
- (4) Mine discharge drain water, presently in the range of 30 gpm, drains into our fill dump material. Several hundred lineal feet of this material lies downstream of the dump point.

Let me again state that Caladay presently has no plans for disposal of mill tailings, since we are an exploration project, and have no projected mill.

I would like to state, however, that it is our intent to comply with water pollution control regulations. I would welcome your visit when you are in the area, to help me understand just what regulations I will be looking at should we eventually expand our operation.

Should you need further information, or wish to inspect our facilities, please do not hesitate to call me.

Very truly yours,

James B. Robinson
April 23, 1970
James B. Robinson, P.E.
Project Engineer

94-7011

cc: A. Hull - C. Snead, Jr.
Encl.

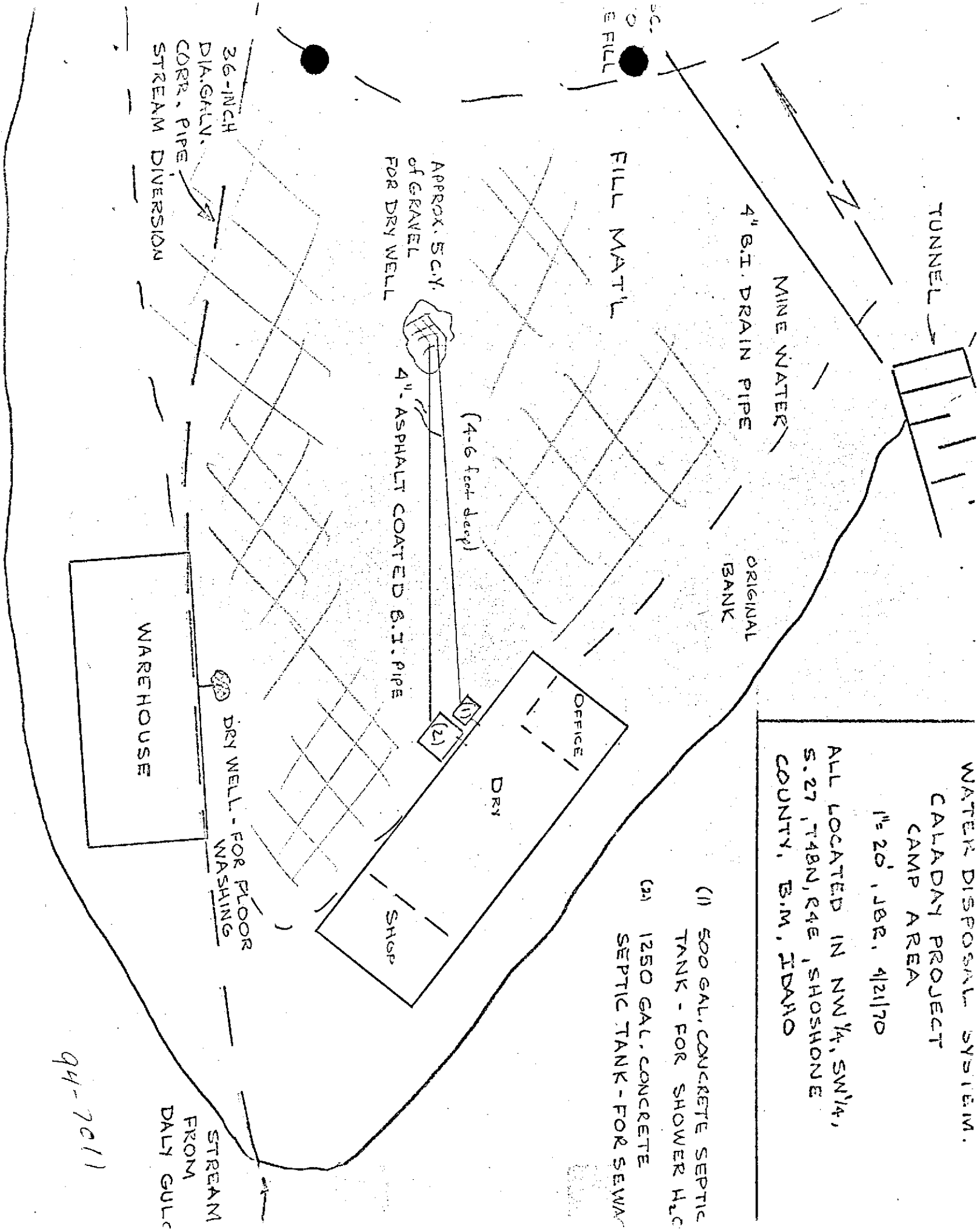
WATER DISPOSAL SYSTEM.

CALADAY PROJECT
CAMP AREA

1st 20', JBR, 4/21/70

ALL LOCATED IN NW 1/4, SW 1/4,
S. 27, T48N, R4E, SHOSHONE
COUNTY, B.M., IDAHO

- (1) 500 GAL. CONCRETE SEPTIC
TANK - FOR SHOWER H₂O
- (2) 1250 GAL. CONCRETE
SEPTIC TANK - FOR SEWA



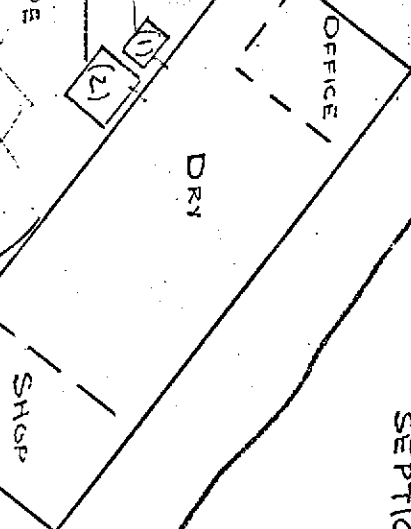
36-INCH
DIA. GALV.
CORR. PIPE
STREAM DIVERSION

APPROX. 5 CY.
of GRAVEL
FOR DRY WELL

(4-6 feet deep)
4" ASPHALT COATED B.I. PIPE

WAREHOUSE

DRY WELL - FOR FLOOR
WASHING



STREAM
FROM
DALY GULCH

94-7011



STATEHOUSE, BOISE, IDAHO, 83707

April 8, 1970

Mr. Donald W. McEldowney
Appropriation Examiner
Department of Reclamation
Statehouse
Boise, Idaho 83707

Dear Mr. McEldowney:

Reference is made to the application filed by Callahan Mining Corp., Caladay Project, Box 905, Osburn, Idaho, to appropriate public waters from Daly Gulch, which is a tributary of the South Fork of the Coeur d'Alene River, for mining operations.

We respectfully request that approval of this application be contingent upon the satisfactory submission of waste treatment plans by the applicant and the subsequent approval of same by the Idaho Department of Health. It is also requested that no diversion of said waters be allowed until waste treatment facilities approved by this Department have been constructed.

Sincerely,

MELVIN D. ALSAGER, Chief
Water Pollution Control Section
Environmental Improvement Division

mcf

cc: Bill Fisher, Director of Engineering, Fish and Game Department
Arthur W. Van't Hul, Public Health Engineer, Idaho Department
of Health

94-7011

CALADAY PROJECT
CALLAHAN MINING CORPORATION
P. O. BOX 905
OSBURN, IDAHO 83849

April 7, 1970

Mr. C. Stephen Allred
Deputy State Reclamation Engineer
State of Idaho
Department of Reclamation
Statehouse - Annex 2
Boise, Idaho 83707

Dear Mr. Allred:

In reply to your letter of March 25, 1970 re our application for Permit No. 94-7011, I should like to state to you in writing the basis for our application. Please understand that Caladay Project is an exploratory venture, and we do not have any known reserves for calculation of water required for mineral processing. On the other hand, orderly development of our property, should we locate ore reserves, will require that we have established the availability of a certain quantity of water. Because we have no better information to use, we have assumed in our calculations that we might hope to develop a mine comparable in size to the Galena mine owned by Callahan and operated by American Smelting and Refining Co. This mine bounds our property on the West.

- | | |
|---|-------------------------------|
| (1) Showers and domestic use, 250 employees, at approximately 15 gallons/employee/day | 3 gpm |
| (2) Underground use, rock drills, 160 gpm, diamond drills, 40 gpm, pump packing glands, 50 gpm. | 250 gpm |
| (3) Cooling of equipment | |
| Compressed air aftercoolers, 10,000 cfm air @ 20 gpm water/1000 cfm | 200 gpm |
| Hoist and related electrical facilities, 300 gpm (2700 HP hoist installation) | <u>300 gpm</u> <u>500 gpm</u> |
| Total: 1, 2, & 3 | 753 gpm |

(4) Processing of rock. Assume 800 tpd concentrator. Crush and grind (wet) a siliceous-carbonate ore containing tetrahedrite, to recover tetrahedrite by selective froth flotation. Lead and zinc sulfides might be recovered in 2 separate flotation circuits, if present and economic.

Water would probably be recovered from concentrates by combination of underflow thickeners and filters, for reuse as much as practical.

94-7011

Mr. C. Stephen Allred
Department of Reclamation
Boise, Idaho 83707
Page 2

Water would probably be recovered from waste tailings by combination of cyclone classifiers and outside disposal ponds. Clear water effluent would be discharged into the creeks via piping from the ponds, after ensuring that suspended particles were removed from the water. Design of these ponds would follow Coeur d'Alene District practices, as these appear to meet your requirements.

It is estimated that $3\frac{1}{2}$ tons of water would be required for processing of every ton of ore. Thus, for 800 tpd of ore, we would require 2800 tpd of water, or 468 gpm.

The total for all requirements would thus be $753 + 468$ gpm, or 1221 gpm, or 2.72 cfs. To this total we have added 30 gpm for wash down requirements, and presently unanticipated needs, making the total 1250 gpm or 2.79 cfs.

Waste water from our mine and domestic system is percolated through a large volume of mine fill rock, to remove impurities.

We will anticipate meeting interstate water quality standards. You could assist us in meeting these requirements by sending to me a copy of the codes applicable to interstate waters, so that I become completely familiar with new requirements.

I hope that this letter has answered your questions. Should you have further questions, please do not hesitate to call or write.

Very truly yours,

James B. Robison
April 7, 1970

James B. Robison, P.E.
Project Engineer

JBR/hd

cc: A. Hull
C. Sneed

Don
obtain &
send

94-7011

May 7, 1970

Re: Permit No. 94-7011

Callahan Mining Corporation
Caladay Project
Box 905
Osburn, Idaho 83849

Gentlemen:

Enclosed is a copy of a letter received from the Idaho Department of Public Health. It points out a problem that may be of interest to you and we would recommend that before the project is completed that provisions are made to comply with the requests of the Idaho Department of Health. If we may be of further assistance, please contact us.

Very truly yours,

Donald W. McEldowney
Appropriation Supervisor

DWM:TG

Enc: copy of 4-⁸-70 letter
Department of Health

94-7011

May 4, 1970

Re: Permit No. 94-7011

Callahan Mining Corporation
Box 905
Osburn, Idaho 83849

Gentlemen:

We enclose a copy of your approved application for permit 94-7011 in which we direct your attention to the limitations and conditions as given on the fourth page under approval of the State Reclamation Engineer.

Very truly yours,

C. Stephen Allred, ~~Assistant~~ Deputy
State Reclamation Engineer

CSA:kh

Enclosures: Copy of permit
Receipt No. 4288 for \$30
1 informational letter

P.S. Be sure to note that a special condition requiring you to install and maintain a measuring device at your points of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

94-7011

March 25, 1970

Re: Application for Permit No. 94-7011

Callahan Mining Corporation
Caladay Project
P. O. Box 905
Osburn, Idaho 83849

Gentlemen:

In processing your Application for Permit No. 94-7011, we find that we need additional information upon which to base our decision.

We would appreciate receiving a detailed analysis as to the purposes to which you intend to put the water and as to the requirement for those purposes. We would appreciate such information as type of process, material being processed, type of plant, tons per hour or per day produced, and your estimate as to the amount of water needed to produce a given quantity of ore. We would also appreciate a description of the facilities and method by which you mean to return the water to the unnamed creeks. As you are probably aware, that water will have to meet interstate water quality standards and as such, you should plan your facility to assure that your effluent will meet those standards.

You may include whatever narrative description, plans and drawings that you feel would be helpful to this office and which would support your Application. I would appreciate receiving this information on or before April 24, 1970.

Very truly yours,

C. STEPHEN ALLRED
Deputy State Reclamation Engineer

CSA/j1b

94-7011

**NOTICE OF APPLICATION FOR
PERMIT TO APPROPRIATE
THE PUBLIC WATERS OF THE
STATE OF IDAHO**

Notice is hereby given that Calahan Mining Corp., Caladay Project, Box 905, Osburn, Idaho, has on March 5, 1970, submitted Application No. 94-7011 to appropriate the public waters of two unnamed creeks and mine tunnel portal in Daly Gulch, tributary of S. Fork of the Coeur d'Alene River.

The application proposes a maximum diversion and appropriation of 2.79 cubic feet per second of water to be diverted by pump and pipe within the NW $\frac{1}{4}$ SW $\frac{1}{4}$ (3 points) of Sec. 27, T. 48N, R. 4E, B.M., Shoshone County, and is to be used within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 27, T. 48N, R. 4E, B.M. for industrial purposes from January 1 to December 31.

Any permit issued pursuant to this application will be subject to ALL PRIOR WATER RIGHTS and subject to the CONTROL OF A STATE WATERMASTER. Any protest against this application must be filed with the Idaho Department of Reclamation on or before April 20, 1970.

R. KEITH HIGGINSON
State Reclamation
Engineer

Published in the North Idaho Press, Wallace, Idaho, on April 2 and April 9, 1970.

94-7011

March 25, 1970

Re: Application for Permit No. 94-7011 - Callahan Mining Corp.

North Idaho Press
507 Cedar
Wallace, Idaho 83873

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department of Reclamation along with the publication bill. In order to receive payment, the following certification must appear on the bill:

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

(Signature of the claimant)

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR
Enc: Legal notice

Bill submitted
4-21-70
ds

94-7011

NOTICE OF APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF IDAHO

Notice is hereby given that Callahan Mining Corp., Caladay Project,
Box 905, Osburn, Idaho, has on March 5, 1970,
submitted Application No. 94-7011 to appropriate the public waters of
two unnamed creeks and mine tunnel portal in Daly Gulch, tributary of S. Fork of the
~~The proposed uses are~~ Coeur d'Alene River.

The application proposes a maximum diversion and appropriation of 2.79
cubic feet per second ~~acre feet~~ of water to be diverted by pump and pipe
within the NW $\frac{1}{4}$ SW $\frac{1}{4}$ (3 points)
of Sec. 27, T. 48N, R. 4E, B.M., Shoshone County,

and is to be used within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 27, T. 48N, R. 4E, B.M. for industrial
purposes from January 1 to December 31

Any permit issued pursuant to this application will be subject to ALL PRIOR
WATER RIGHTS and subject to the CONTROL OF A STATE WATERMASTER. Any protest
against this application must be filed with the Idaho Department of Reclamation on
or before April 20, 1970.

R. KEITH HIGGINSON

State Reclamation Engineer

Published in the North Idaho Press, Wallace, Idaho,
on April 2 and April 9, 1970.

94-7011

March 20, 1970

Re: Application for Permit No. 94-7011
Callahan Mining Corp., Caladay Project

Mr. Mel Alsinger
Department of Health
Statehouse Mail

Dear Mr. Alsinger:

We are herewith enclosing a copy of the above referenced application for permit received by this Department.

Since the application may be of interest to your Department, we are requesting your views and comments prior to any action by our Department.

May we hear from you as soon as possible.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR

Enclosure

94-7011

CALADAY PROJECT
CALLAHAN MINING CORPORATION
P. O. BOX 903
OSBURN, IDAHO 83840

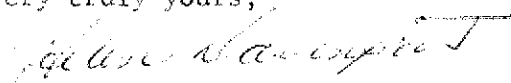
March 5, 1970

State of Idaho
Department of Reclamation
Boise, Idaho

Gentlemen:

Please be advised that the enclosed is an Application for Permit to appropriate the Public Waters of the State of Idaho and was not inadvertently sent with our check #1143 dated February 9, 1970.

Very truly yours,



(Miss) Helen Davenport
Caladay Project Secretary

hd
Encl.

94-7011

February 24, 1970

Callahan Mining Corporation
P.O. Box 905
Osburn, Idaho 83849

Gentlemen:

We have received your application to appropriate the public waters of the State of Idaho. Please be advised that before we can process your application we will require a filing fee of \$30.

If we can assist you further, please contact us.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:kh

Enclosure

94-7011

CALADAY PROJECT
CALLAHAN MINING CORPORATION
P. O. BOX 805
OSHCORN, IDAHO 83843

February 16, 1970

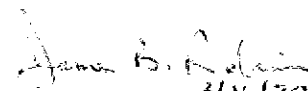
Mr. Donald W. McEldowney
Appropriation Examiner
State of Idaho
Department of Reclamation
Statehouse, Annex 2
Boise, Idaho 83707

Dear Mr. McEldowney:

Please find enclosed the Caladay application signed as requested. In answer to your question about the point of diversion please be advised that there are to be three (3). Point one is at the existing diversion dam in the South Fork of Daly Gulch. Point two is in the North Fork (#2 on supplement). The third point of diversion is water issuing from the tunnel portal. All three points are in NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 27.

Should you have any further questions, please do not hesitate to call or write.

Very truly yours,



James B. Robinson, P.E.
Project Engineer

JBR/hd
Enclosure

94-704

February 11, 1970

Re: Application for Permit - Callahan Mining Corp.

Mr. James B. Robison, P.E.
CALLAHAN MINING CORPORATION
P.O. Box 905
Osburn, Idaho 83849

Dear Mr. Robison:

We are returning the above referenced application for signature. This is to advise that we will require the signature of an elected official of the company.

Also, please clarify the point of diversion. How many actual points of diversion are there to be in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 27?

Your cooperation in this matter is appreciated.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DR
Enc: Application

94-7011

CALADAY PROJECT
CALLAHAN MINING CORPORATION
P. O. BOX 905
OSBURN, IDAHO 83849

February 9, 1970

Idaho Department of Reclamation
Statehouse, Annex 2
Boise, Idaho 83707

Gentlemen:

Please find enclosed our Application for Permit to appropriate public waters, and a check for \$30.00 to cover the application fee.

Should you have questions about this application, please feel free to call either myself or James Robison (engineer) at any time at 208-752-1204.

Very truly yours,

George Beattie
George Beattie
Project Manager

GB/hd
Encl.
cc: file
J.B. Robison
A. Hull
C. Snead

James B. Robison
2/9/70
Prepared by: James B. Robison, P.E.
Project Engineer

94-7011

RECEIVE AND RETURN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY.

INVOICE DATE	ITEMS	AMOUNT	DISCOUNT	NET
	Application fee for public water appropriation			\$30.00