



# United States Department of the Interior

## BUREAU OF MINES

LIAISON OFFICE-MAINE  
FEDERAL BUILDING POST OFFICE  
AUGUSTA, MAINE 04330

SEP 22 1972

September 21, 1972

Mr. V. L. Andreliunas  
Chief, Operations Division  
Department of the Army  
New England Division  
Corps of Engineers  
424 Trapelo Road  
Waltham, Massachusetts 02154

Dear Mr. Andreliunas,

Reference is made to your letter of September 15 requesting a statement of the Bureau of Mines' conclusions on the stability of the mill tailing impoundment of Callahan Mining Corporation at Goose Pond, Hancock County, Maine.

The mine site and mill tailing impoundment were inspected August 11, 1972, by Dr. James J. Scott, former Assistant Director, Mining, and currently acting as Special Assistant to the Director. Milling operations at the plant were terminated in mid July. Pertinent conclusions from Dr. Scott's report are quoted below:

- "1. Callahan Mining is doing everything possible to prevent environmental damage to the scenic Cape Rosier area and their efforts should serve as a model to other mining companies who are closing down mines.
2. There is little or no instability problem relative to their ten acre tailing disposal area. The heavy, coarse rock face virtually assures its long-term stability. Planned surface drainage and vegetation will further strengthen the structure.
3. Leaching of heavy metal ions out of the tailings during periods of heavy rainfall could be a problem. I am confident that this problem can be eliminated by establishment of vegetation and surface drainage to prevent water from seeping through the tailings."

Please advise me if I can be of further assistance.

Very truly,

SIGNED

Robert W. Holliday  
USBM Liaison Officer-Maine

cc: Director's Reading File  
Richard H. Mote  
James J. Scott  
Frederick Beck, Callahan  
Mining Corp.

GOOSE POND RECLAMATION SOCIETY  
MEETING NOTICE

There will be a meeting of the Goose Pond Reclamation Society on Thursday, October 5, at 7:00 p.m. at the Brooksville library/town office.

The agenda is:

1. Minutes of the last meeting
2. Treasurer's report
3. Report on water sampling of Goose Pond
4. Discussion of raising pond level to 1004' as planned
5. Report of seeding results
6. Aquaculture report
7. General open membership by subscription
8. Other business
9. Adjourn

\* \* \*

CALLAHAN MINING CORPORATION

277 PARK AVENUE · NEW YORK, N.Y. 10017  
TELEPHONE: (212) 826-2950

PLEASE ADDRESS REPLY TO:  
41 UNION WHARF  
PORTLAND, MAINE 04111  
TEL: (207) 772-3789

September 22, 1972

Mr. Albert E. Sandecki  
50 Tanner Street  
Haddonfield, N.J. 08033

Dear Mr. Sandecki:

Mr. Beck has been out of the office on business for the past three weeks. We expect him back on Tuesday the 26th, and you should be hearing from him personally in answer to your questions shortly after that.

Very truly yours,

*Leslie J. Anderson*

Leslie J. Anderson  
Secretary to Mr. Beck

LJA

50 Tanner Street  
Haddonfield,  
New Jersey 08033  
September 19, 1972

Mr. Frederick M. Beck  
Dist. Exploration Mgr.  
Callahan Mining Corp.  
41 Union Wharf  
Portland, Maine 04111

Dear Fred:

Not having heard from you since July 31st in regard to the rough draft of the last meeting of the G.P.R.S., I am concerned and interested in a rundown on the progress towards reclamation of the mine.

How did the hydro seeding fair with the heavy rains of Sept. 3rd and 4th ?

Has the dam been closed to salt water flow and did the rains provide sufficient topping off of the flooded pond area ?

Has the effort been made to approach Bob Doyle for reclamation funds, if so what were the results ?

Noting the preliminary test results by the Army Corps of Engineers on the Goose Cove silt what are the company's intentions for disposing of the silt?

I would appreciate any other information on what's going on.

Also interested in the progress on winterizing of the new water supply.

Sincerely,

Albert E. Sandecki

cc: CMF



Mr. Albert Sandecki  
50 Tanner Street  
Haddonfield, New Jersey 08033

September 18, 1972

Dear Mr. Sandecki:

The letter which accompanied your recent contribution to the NRC was referred to me.

I have been in touch with Bob Dow at Sea and Shore Fisheries Department to keep myself up to date on facts which might pertain to the Callahan situation. Specifically I have found the data on the various mineral quantities in the Callahan water to be of interest. This information is indeed helpful as I follow the progress of the Kerramerican Mine. I wrote a letter to the Army Corps of Engineers and issued a news release, requesting that a public hearing on Kerramerican be held. This drew some heavy fire from our friends at the Blue Hill Packet.

I look forward to working with you in the future.

Sincerely,

A handwritten signature in black ink that reads "Wayne C. Cobb". The signature is written in a cursive style with a long horizontal stroke at the end.

Wayne C. Cobb  
Coastal Resources Consultant

WCC/lb

50 Tanner Street  
Haddonfield,  
New Jersey 08033  
September 18, 1972

Department of the Army  
New England Div. Corps of Engineers  
424 Trapelo Road, Waltham, Mass.

Mr. William W. Muzzo  
Civil Engineer  
Permits Branch  
Operations Division

Re: NEDOD-P  
Callahan Mining  
Cape Rosier, Maine

Dear Mr. Muzzo:

Thank you for the September 6th copys of the trace metal analyses concerning the Goose Cove sediment. I have forwarded the information to Mr. John Gray, Brooksville, Maine who is chairman of the Goose Pond Reclamation Society.

The G.P.R.S. should be having a meeting sometime in the latter part of October and would appreciate any further results as they are available on the analyses received on September 1st.

In light of the apparent heavy loading of toxic metals in the cove area I feel sure that the Corps will have some specific recommendations regarding the disposition of this sediment.

I would like to request that the Corps of Engineers make these recommendations known to the G.P.R.S. and the Callahan Corporation at the earliest opportunity.

Thank you.

Sincerely,

Albert E. Sandecki  
Vice Chr'm G.P.R.S.

cc:

Mr. John H. Gray  
Mr. Frederick Moehle  
Mr. John Hurst

50 Tanner Street  
Haddonfield,  
New Jersey 08033  
September 14, 1972

The Academy of Natural Sciences  
Nineteenth and the Parkway  
Philadelphia, Pennsylvania 19103

Dr. Ruth Patrick  
Chairman  
Department of Limnology

Dear Dr. Patrick:

Enclosed is some material on recent developments at the Callahan mine-site at Harborside, Maine.

Although developments have progressed with surficial reclamation of the area the toxicity of the silt deposited in Goose Cove by the company's milling process seems to have the potential of a very serious situation. The data sheet on water quality trace metal analysis done by the U.S. Army Corps of Engineers bears this out.

I have not sent all of the test data sheets to you as there are many, but all are of comparably high readings. I understand the test were of such a shocking nature that the Corps of Engineers have requested additional samples for analysis from the Maine Department of Sea & Shore Fisheries.

I do not know where all of this will lead, but, I would sincerely appreciate having the feeling of a source of support from you and your department if the need for advise on action proves necessary to gain the total reclamation of this tidal estuary so abused by the Callahan Mining Corporation.

Sincerely,

Albert E. Sandecki

50 Tanner Street  
Haddonfield,  
New Jersey 08033  
September 14, 1972

Mr. Clifford A. Leach  
Treasurer G.P.R.S.  
Harborside,  
Maine 04642

Dear Mr. Leach:

Enclosed is a receipt for the initial deposit made by the Callahan Corporation for the Goose Pond Reclamation Society's operating funds.

I have also sent a copy of this new account deposit to John Gray for his records.

Hope all is going smoothly and hope to see you this fall.

Sincerely,

Albert Sandeck

50 Tanner Street  
Haddonfield,  
New Jersey 08033  
September 14, 1972

Mr. John H. Gray  
President GPRS  
Brooksville,  
Maine 04642

Dear John:

Enclosed is a copy of the new account deposit made by the Callahan Corporation for the Goose Pond Reclamation Society's operating Funds. I sent Kip the original.

Have you had a chance to contact Bob Doyle on the availability of matching state (Mining Bureau) funds ?

Sincerely,

# LIBERTY NATIONAL BANK

ELLSWORTH • BUCKSPORT • WINTER HARBOR

DATE OF THIS STATEMENT

09-01-72

GOOSE POND RECLAMATION SOC IN  
HARBURSIDE POST OFFICE  
CAPE ROSIER MAINE 04642

YOUR ACCOUNT NUMBER

71-5152 2

SHOULD FURTHER INFORMATION  
BE NEEDED PLEASE USE YOUR  
ACCOUNT NUMBER WHEN CON-  
TACTING THE BANK

THIS BALANCE AS OF LAST STATEMENT	NO OF DEP	PLUS THIS DEPOSITS AND OTHER ADDITIONS	NO OF CHECKS	LESS THIS CHECKS AND OTHER DEDUCTIONS	LESS THIS SERVICE CHARGE	EQUALS THIS BALANCE AS OF THIS STATEMENT
.00	001	1,000.00	0000	.00		1,000.00

LIST OF YOUR TRANSACTIONS			
DEPOSITS, CREDIT EXTENDED & OTHER ADDITIONS	CHECKS PAID & OTHER DEDUCTIONS	DATE	BALANCE
1,000.00	BALANCE FORWARD	8-22	.00 1,000.00

CODE: CM CREDIT MEMO RT ITEM RETURNED OD OVERDRAFT SC SERVICE CHARGE CE CREDIT EXTENDED  
 LM DEBIT MEMO LP LOAN PAYMENT LC CORRECTION LS LIST OF CHECKS ST AUTOMATIC SAVINGS TRANSFER

CREDIT LINE ACCOUNT INFORMATION					
BILLING DATE	PREVIOUS BALANCE	CREDIT EXTENDED	AVERAGE DAILY BALANCE	FINANCE CHARGE	PAYMENTS
NEW LOAN BALANCE	CREDIT AVAILABLE	CREDIT LIMIT	MO PRINCIPAL PAYMENT	PAYMENT PAST DUE	

FINANCE CHARGE IS COMPUTED BY A 'periodic rate' OF 1.25% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 15% APPLIED TO THE average daily balance. THE average daily balance IS COMPUTED BY ADDING TOGETHER EACH DAY'S ENDING BALANCE DURING THE billing cycle AND DIVIDING THE RESULT BY THE NUMBER OF DAYS IN THE billing cycle.

NOTICE: See Reverse Side For Important Information

**LIBERTY NATIONAL BANK**

**NEW ACCOUNT DEPOSIT**

ACCOUNT NUMBER	1115152	2
TOTAL DEPOSIT	\$ 1000.00	
NAME(S) & ADDRESS		
Estate Rnd Reclamation Society, Inc.		
Harborside Post Office		
Cape Rosier, MAINE		
ZIP CODE 04642		

TELLER'S STAMP  
 AUG 22 1972  
*[Signature]*

		DOLLARS	CENTS
BILLS			
COINS			
CHECKS ON			
1	52-3	1000	00
2			
3			
4			
5			
TOTAL		1000	00

52-137  
**PROCESSED**  
 AUG 23 1972  
 LIBERTY NATIONAL BANK  
 700 W. 50th St. MAINE

COMPUTER COPY

389 AUG 22

1,000.00

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NEDOD-P

6 September 1972

Mr. John Hurst  
Department of Sea & Shore Fisheries  
State House Annex  
Capitol Shopping Center  
Augusta, Maine 04330

Re: Callahan Mining Corp.  
Cape Rosier, Maine

Dear Mr. Hurst:

Inclosed for your review are copies of the Trace Metal Analyses of the Goose Cove sediment samples submitted by your agency. Laboratory testing was performed by the Corps of Engineers' Water Quality Lab located in Hubbardston, Massachusetts. Mr. Robert Brazeau, Chief of the Water Quality Lab, stated that additional samples were received on September 1, 1972 and the results are forthcoming.

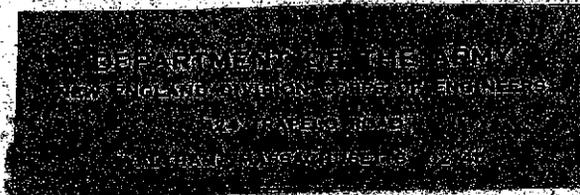
Please note that samples submitted to this office were not identified by location or depth of deposit. Please provide us with the information required to pinpoint the location of samples tested. Have any samples been taken outside the sediment area to obtain background information?

Please keep this office informed of your findings with respect to the removal of sediment area from Goose Cove. Additional analyses will be forwarded when available.

Sincerely yours,

Incl: as  
CF: Albert E. Sandeckl ✓

WILLIAM W. NUZZO  
Civil Engineer  
Permits Branch  
Operations Division



DATA SHEET

WATER QUALITY TRACE METAL ANALYSIS

PROJECT: Booth Bay Harbor, Maine  
 TYPE SURVEY: Marine Bottom Sediment  
 COLLECTOR: Mr. Hurst

RIVER BASIN: N/A  
 DATE OF ANALYSIS: 9 Aug 72  
 ANALYST: Condike

SAMPLE NUMBER	BBHM-1				
Date Of Collection	UNK				
Time Of Collection	UNK				
Date Rec'd at Laboratory	28 July 72				
Preservative	NONE				
ELEMENT	DETECTION LIMIT				
Calcium	0.3 ppm				
Copper	<del>0.2</del> 22 ppm	3,330.			
Iron	0.2 ppm				
Lead	<del>0.3</del> 33 ppm	888.			
Magnesium	0.05 ppm				
Manganese	0.1 ppm				
Mercury	0.1 ppb				
Potassium	0.3 ppm				
Sodium	0.2 ppm				
Zinc	<del>0.05</del> 5.6 ppm	1,670.			

REMARKS:

ND = Not Detected - If element is present it is in amount less than Detection Limit.

(See Reverse Side)

SAMPLE NUMBER

BBHM-2

ELEMENT	DETECTION LIMIT				
Chromium	0.5 ppm				
Cadmium	<del>0.05</del> ppm	16.7			
Bismuth	1 ppm				
Cobalt	0.2 ppm				
Molybdenum	2.0 ppm				
Nickel	0.3 ppm				
Silver	0.3 ppm				
Strontium	0.3 ppm				
Silicon	3.0 ppm				
Aluminum	2 ppm				
Arsenic	5 ppm				
Barium	5 ppm				
Boron	100 ppm				
Selenium	25 ppm				
Titanium	10 ppm				
Vanadium	5 ppm				

Remarks:

All values far exceed the expected levels in the earth's crust and/or sea water. \*

\*Ref.- Handbook of Chemistry and Physics, 51st. ed., pp. F144-F145.

Mr SANDECKI

2ND SET OF ANALYSES

to speed our reply

we are using this informal way of giving you the information you requested.

Your inquiry was welcomed and received careful attention. Handling procedures for a formal letter would have taken longer. We feel that a prompt response is more important to you and hope that you agree.

thank you



Bill

DEPARTMENT OF THE ARMY  
NEW ENGLAND DIVISION, CORPS OF ENGINEERS  
424 TRAPELO ROAD  
WALTHAM, MASSACHUSETTS 02154

DATA SHEET

WATER QUALITY TRACE METAL ANALYSIS

PROJECT: Booth Bay Harbor, Maine

RIVER BASIN: N/A

TYPE SURVEY: Sea Water

DATE OF ANALYSIS: 2 October 1972

COLLECTOR: Mr. Hurst

ANALYST: Condike

SAMPLE NUMBER	BBHM-1	BBHM-3	BBHM-4	BBHM-5	
Date Of Collection	25 Aug 72	25 Aug 72	25 Aug 72	25 Aug 72	
Time Of Collection	0810	0825	0835	0850	
Date Rec'd at Laboratory	1 Sept 72	1 Sept 72	1 Sept 72	1 Sept 72	
Preservative	NONE	NONE	NONE	NONE	
ELEMENT	DETECTION LIMIT				
Calcium	0.3 ppm				
Copper	0.2 ppm	ND	ND	ND	ND
Iron	0.2 ppm				
Lead	0.3 ppm	0.5	0.5	0.5	0.5
Magnesium	0.05 ppm				
Manganese	0.1 ppm				
Mercury	0.1 ppb				
Potassium	0.3 ppm				
Sodium	0.2 ppm				
Zinc	0.02 ppm	0.06	0.05	0.04	0.04

REMARKS:

ND = Not Detected - If element is present it is in amount less than Detection Limit.

*D. L. Sawyer*

(See Reverse Side)

SAMPLE NUMBER		BBHM-1	BBHM-3	BBHM-4	BBHM-5	
ELEMENT	DETECTION LIMIT					
Chromium	0.5 ppm					
Cadmium	0.05 ppm	ND	ND	ND	ND	
Bismuth	1 ppm					
Cobalt	0.2 ppm					
Molybdenum	2.0 ppm					
Nickel	0.3 ppm					
Silver	0.3 ppm					
Strontium	0.3 ppm					
Silicon	3.0 ppm					
Aluminum	2 ppm					
Arsenic	5 ppm					
Barium	5 ppm					
Boron	100 ppm					
Selenium	25 ppm					
Titanium	10 ppm					
Vanadium	5 ppm					

Remarks:

Copper - less than 0.2 ppm

Cadmium - less than 0.05 ppm

Lead values 100 times higher than normal level for sea water.\*

Zinc values 4 to 6 times higher than normal level for sea water.

\*Ref - Handbook of Chemistry and Physics, 51st ed., pg F 145

DATA SHEET

WATER QUALITY TRACE METAL ANALYSIS

PROJECT: Booth Bay Harbor, Maine

RIVER BASIN: N/A

TYPE SURVEY: Marine Bottom Sediment

DATE OF ANALYSIS: 2 October 1972

COLLECTOR: Mr. Hurst

ANALYST: Condike

SAMPLE NUMBER	BBHM-1	BBHM-2	BBHM-2A	BBHM-3	BBHM-4
Date Of Collection	25 Aug 72	25 Aug 72	25 Aug 72	25 Aug 72	25 Aug 72
Time Of Collection	UNK	UNK	UNK	UNK	UNK
Date Rec'd at Laboratory	1 Sept 72	1 Sept 72	1 Sept 72	1 Sept 72	1 Sept 72
Preservative	NONE	NONE	NONE	NONE	NONE
ELEMENT	DETECTION LIMIT				
Calcium	0.3 ppm				
25-60 Copper	20 <del>0.2</del> ppm	3,050	2,750	2,780	2,870
Iron	0.2 ppm				
30-50 Lead	20 <del>0.2</del> ppm	810	550	650	780
Magnesium	0.05 ppm				
Manganese	0.1 ppm				
Mercury	0.1 ppb				
Potassium	0.3 ppm				
Sodium	0.2 ppm				
7-20 Zinc	20 <del>0.05</del> ppm	1,620	2,070	2,450	1,920

REMARKS:

ND = Not Detected - If element is present it is in amount less than Detection Limit.

NOTE: All values reported are in units of ppm by weight of dry sample

*R. X. Buzan*

(See Reverse Side)

SAMPLE NUMBER		BBHM-1	BBHM-2	BBHM-2A	BBHM-3	BBHM-J
ELEMENT	DETECTION LIMIT					
Chromium	0.5 ppm					
<sup>30X</sup> Cadmium	2.0 ppm	5.38	ND	ND	ND	ND
Bismuth	1 ppm					
Cobalt	0.2 ppm					
Molybdenum	2.0 ppm					
Nickel	0.3 ppm					
Silver	0.3 ppm					
Strontium	0.3 ppm					
Silicon	3.0 ppm					
Aluminum	2 ppm					
Arsenic	5 ppm					
Barium	5 ppm					
Boron	100 ppm					
Selenium	25 ppm					
Titanium	10 ppm					
Vanadium	5 ppm					

Remarks:

Copper values 25 to 60 times higher than normal level.\* Lead values 30 to 50 times higher than normal level. Zinc values 7 to 20 times higher than normal level. Detected Cadmium values 30 times higher than normal level.

\*Ref. - Handbook of Chemistry and Physics, 51rst ed., pg. F 1114

DATA SHEET

WATER QUALITY TRACE METAL ANALYSIS

PROJECT: Booth Bay Harbor, Maine

RIVER BASIN: N/A

TYPE SURVEY: Marine Bottom Sediment

DATE OF ANALYSIS: 2 October 1972

COLLECTOR: Mr. Hurst

ANALYST: Condike

SAMPLE NUMBER		RBHM-5			
Date Of Collection		25 Aug 72			
Time Of Collection		UNK			
Date Rec'd at Laboratory		1 Sept 72			
Preservative		NONE			
ELEMENT	DETECTION LIMIT				
Calcium	0.3 ppm				
Copper	<del>20</del> 20 ppm	4,190			
Iron	0.2 ppm				
<sup>20</sup> Lead	<del>20</del> 20 ppm	610			
Magnesium	0.05 ppm				
Manganese	0.1 ppm				
Mercury	0.1 ppb				
Potassium	0.3 ppm				
Sodium	0.2 ppm				
Zinc	<del>2.0</del> 2.0 ppm	853			

REMARKS:

ND = Not Detected - If element is present it is in amount less than Detection Limit.

NOTE: All values reported are in units of ppm by weight of dry sample

*R. X. Boyer*

(See Reverse Side)

SAMPLE NUMBER						
ELEMENT	DETECTION LIMIT					
Chromium	0.5 ppm					
<sup>30x</sup> Cadmium	<del>0.05</del> 2.0 ppm	5.25				
Bismuth	1 ppm					
Cobalt	0.2 ppm					
Molybdenum	2.0 ppm					
Nickel	0.3 ppm					
Silver	0.3 ppm					
Strontium	0.3 ppm					
Silicon	3.0 ppm					
Aluminum	2 ppm					
Arsenic	5 ppm					
Barium	5 ppm					
Boron	100 ppm					
Selenium	25 ppm					
Titanium	10 ppm					
Vanadium	5 ppm					

CALLAHAN MINING CORPORATION

277 PARK AVENUE - NEW YORK, N.Y. 10017  
TELEPHONE: (212) 826-2950

OFFICE OF THE EXECUTIVE VICE PRESIDENT

August 17, 1972

Mr. Albert E. Sandeck  
Harborside,  
Maine 04642

Dear Albert:

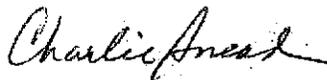
Thank you for your letter of July 26, 1972 wherein you indicated that G. P. R. S. seems to be moving along nicely.

We too are pleased with the progress so far and with Fred Beck's handling of these matters which can be quite difficult considering all of the various agencies and interested parties involved. You can rest assured that we are not about to change horses in mid-stream and can expect to see Fred attending to the reclamation project through its conclusion.

I hope to get up to Harborside before the month is out and hope to see you at that time.

Best regards.

Sincerely,



Charles D. Snead, Jr.

GDS:sch

cc: J. T. Hall

Harborside,  
Maine 04642  
August 17, 1972

Mr. Frederick Moehle  
Department of the Army  
New England Division,  
Corps of Engineers  
424 Trapelo Road  
Waltham, Mass. 02154

Dear Mr. Moehle:

On June 6th we met at the Cape Rosier Grange Hall near the site of the Callahan Mining Corporation's operation at Goose Pond, Harborside, Maine.

You may recall I had asked for the results of the Corp's findings concerning recommendations for the tailings dump area and the determination of possible toxic metal accumulations in the area of Goose Cove as a result of the tests on the core samples taken earlier this summer.

I understand further cores are in the process of being obtained, but initial findings would be of concern to our committee's work as the pit area is rapidly filling with tidal water and the siphoning of the cove material into the pit is one of the committee considerations for the disposal of the sediment in Goose Cove.

In our committee's desire to seek the proper methods to reclaim the mined area it is, I think you would agree, necessary to have all the information applicable to the situation.

Thank you.

Sincerely,



Albert E. Sandecki  
Vice President, GPRS

cc: CMF  
Mr. John Gray

Harborside, Me.  
August 17, 1972.

Mr. Frederick M. Beck  
Callahan Mining Corp.  
Union Wharf  
Portland, Me.

Dear Mr. Beck,

The undersigned neighbors of the Goose Falls area at Harborside wish to express their appreciation of the privilege of attending and participating in the discussion at the annual meeting of the Goose Pond Reclamation Society at the Callahan Mining Corporation Office on July 25, 1972.

We also wish to express as a group a feeling of great encouragement concerning the plans for rehabilitation of the mining area by the Callahan Corporation as presented by you. We were especially pleased with the plans you announced to carry out the following:

- X 1. Complete removal of the dam that has diverted fresh water runoff into Weir Cove so as to restore salt water flow to the upper reaches of the pond to the level that existed prior to mining activity.
- X 2. The return of waste rock in the pond bed to the mine pit where possible and the grading or excavating of other rock to a level of three feet below the pre-1967 low tide level when the pond is restored to normal salt water flow.
3. Dredging or siphoning silt from Goose Cove so as to restore the cove depth to the original level that existed prior to mining activities, depending on the results of core samples that were sent to the Maine Department of Sea and Shore Fisheries. We understand that if toxic metallic ions are found to exist in the samples by Mr. Hurst's laboratories, the silt will be placed in the tailings area or waste dump rather than the mine pit.
4. Regrading of the tailings area so as to drain to a new ditch on the high ground side which will carry the surface drainage to the pond bed. This work is to await new directions from the U.S. Corps of Engineers concerning the hazard of tailings liquification and possible hazard of rupture of the existing retaining walls of the area.
5. Complete reforestation or revegetation of waste piles, tailings and other disturbed areas, as recommended by the University of Maine.

6. Eventual removal of unused structures, power lines and poles.
7. Monitoring of toxicity in the waters of the open pit and the pond by the Callahan Corporation and the Department of Sea and Shore Fisheries.
8. At such time as the condition of the waters will permit, the former rock falls at Goose Cove will be permanently restored and the dam removed by the Callahan Corporation and the tidal flow will be restored to the original level.

We feel that these plans constitute a very worthy commitment by the Callahan Corporation and should be published through the press so that the Corporation can receive full credit for carrying out this extensive rehabilitation.

We also suggest the Goose Pond Reclamation Society consider canvassing local residents and other interested people to become members of the Society at some moderate annual dues, in the belief that money so raised, together with the "Friends of Goose Cove" funds, would provide continuous partial funding for incidental expenses of the Society. It would also provide a means of periodically acquainting interested people with the progress of the reclamation work.

Very truly yours,

Copies to: Clifford Leach, First Selectman  
Town of Brockville  
Brockville, Me.

John H. Gray, President  
Goose Pond Reclamation Society  
Brockville, Me.

Clarence H. Barthelman  
Evangeline V. Barthelman  
Brainard L. Farnham  
Marian A. Farnham  
Francis M. Greene  
Marcia W. Greene  
Albert E. Sandecki  
Jean S. Sandecki  
Katherine C. Veague  
William E. Veague

Harborside, Me.  
August 15, 1972.

Mr. Frederick M. Beck  
Callahan Mining-Corp.  
Union Wharf  
Portland, Me.

Dear Mr. Beck,

The undersigned neighbors of the Goose Falls area at Harborside wish to express their appreciation of the privilege of attending and participating in the discussion at the annual meeting of the Goose Pond Reclamation Society at the Callahan Mining Corporation Office on July 25, 1972.

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2. The return of waste rock in the pond bed to the mine pit where possible and the grading or excavating other rock to a level of three feet below the pre-1967 low tide level when the pond is restored to normal salt water flow.
3. Dredging or siphoning silt from Goose Cove so as to restore the cove depth to the original level that existed prior to mining activities, depending on the results of core samples that were sent to the Maine Department of Sea and Shore Fisheries. We understand that if toxic metallic ions are found to exist in the samples by Mr. Hurst's laboratory, the silt will be placed in the tailings area or waste dump rather than the mine pit.
4. Regrading of the tailings area so as to drain to a new ditch on the high ground side which will carry the surface drainage to the pond bed. This work is to await new directions from the U.S. Corps of Engineers concerning the hazard of tailings liquification and possible hazard of rupture of the existing retaining walls of the area.
5. Complete reforestation or revegetation of waste piles, tailings and other disturbed areas, as recommended by the University of Maine.
6. Eventual removal of unused structures, power lines and poles.
7. Monitoring of toxicity in the waters of the open pit and the pond by the Callahan Corporation and the Department of Sea and Shore Fisheries.
8. At such time as the condition of the waters will permit, the former

rock falls at Goose Cove will be permanently restored and the dam removed by the Callahan Corporation and the tidal flow will be restored to the original level.

We feel that these plans constitute a very worthy commitment by the Callahan Corporation and should be published through the press so that the Corporation can receive full credit for carrying out this extensive rehabilitation.

We also suggest the Goose Pond Reclamation Society consider canvassing local residents and other interested people to become members of the Society at some moderate annual dues, in the belief that money so raised, together with the "Friends of Goose Cove" funds would provide continuous partial funding for incidental expenses of the Society. It would also provide a means of periodically acquainting interested people with the progress of the reclamation work.

Very truly yours,

NEIGHBORS

The undersigned ~~neighbors~~ residents of the Goose Falls area at Harborside wish to express their appreciation of the privilege of attending and participating in the discussion at the annual meeting of the Goose Pond Reclamation Society at the Callahan Mining Corporation Office on July 25, 1972.

We also wish to express as a group a feeling of great encouragement concerning the plans for rehabilitation of the mining area by the Callahan Corporation as presented by Mr. Frederick M. Beck, District Exploration Manager. We were especially pleased with the ~~commitments~~ <sup>ANNOUNCED PLANS</sup> to carry out the following:

1. Complete removal of the dam that has diverted fresh water runoff into Weir Cove so as to restore salt water flow to the upper reaches of the pond to the level that existed prior to mining activity.
2. The return of waste rock in the pond bed to the mine pit (where possible) and the grading or excavating other rock to a level (of not less than) three feet below the <sup>MIN 1967 LAW</sup> minimum tide level when the pond is restored to normal salt water flow.
3. Dredging or siphoning silt from Goose Cove so as to restore the cove depth to the original level that existed prior to mining activities (as <sup>PROPOSED</sup> indicated by core samples that were sent to the Maine Department of Sea and Shore Fisheries. <sup>MAINE MINING BUREAU</sup> We understand that if toxic metallic ions are found to exist in the <sup>CORE</sup> samples by Mr. Hurst's laboratory, the silt will be placed in the tailings area or waste dump rather than the mine pit.
4. Regrading of the tailings area so as to drain to a new ditch on the high ground side which will carry the <sup>SURFACE</sup> drainage to the pond bed. This work is to await new directions from the U.S. Corps of Engineers concerning the hazard of <sup>TAILINGS</sup> liquification and possible <sup>DAMAGE OF</sup> rupture of the existing retaining walls of the area.
5. Complete reforestation or revegetation of waste piles, tailings, and other disturbed areas. <sup>AS RECOMMENDED BY THE UNIV OF MAINE.</sup>
6. Eventual removal of unused structures, power lines, poles, ~~conductors~~.

- 7. Monitoring of toxicity in the waters of the open pit and the pond by the Callahan Corporation's ~~equivalentist Mr. Mendel~~ <sup>AND</sup> with the Department of Sea and Shore Fisheries.
- 8. At such time as the condition of the waters will permit, the former rock falls at Goose Cove will be permanently restored and the dam removed by the Callahan Corporation and the flow of tidal ~~waters~~ <sup>FLOW</sup> will be restored to the original <sup>FALLS</sup> level.

We feel that these plans constitute a very worthy commitment by the Callahan Corporation and should be published through the press so that the Corporation can receive full credit for carrying out this extensive rehabilitation.

We also suggest, consider ~~the~~ <sup>THE (G.P.R.S.)</sup> the possibility of canvassing local ~~business~~ <sup>RESIDENTS</sup> ~~and year-round residents~~ <sup>AND INTERESTED PEOPLE</sup> to become members of the Society at some moderate annual dues, in the belief that money so raised together with the balance now held by ~~Albert S. ...~~ <sup>THE G.P.R.S.</sup> ~~would provide~~ <sup>PARTIAL (MODERATE COMMITMENT) CALLAHAN MAJOR</sup> continuous funding for incidental expenses of the Society. It would also provide means of periodically acquainting interested people with the progress of the reclamation work.

COPY TO S. GRANITE  
 INAD, BACK & COMMITTEE  
 PRESIDENT

SIGNATURES.

*(Handwritten signature lines)*

Frank:

Thought you might like to look  
this over - I think your suggestion  
of this is a good one - after your  
one with it maybe we could  
bend an elbow with Bill Veague  
and Bart in case they would like to  
add a point or two.

Would having this <sup>material</sup> notarized be a worthwhile  
move?? ——— Albert.

The following is as complete a list of points, as I can recall, that were presented by Mr. Frederick M. Beck, District Exploration Manager for the Callahan Mining Corporation (Portland, Me.) concerning the reclamation of Goose Pond area, Harborside, Maine. The presentation was made at the first annual meeting of the Goose Pond Reclamation Society on July 25th at 10am held at the offices of the Callahan Corporation's Penobscot Unit, Harborside, Town of Brooksville, Maine.

Those in attendance: ?

Points:

1. Removal of <sup>complete</sup> earthen <sup>the</sup> dam and ~~wooden control gates~~ that diverted Fresh water runoff into Weir Cove, permitting <sup>a</sup> ~~near~~ natural level of the upper reaches of the pond waters that existed prior to the mining activity.
2. The waste rock placed in the pond beds, (upper and lower ponds) by the Callahan Corporation would be excavated or graded ~~by power shovel and bulldozer~~ to a <sup>level not less than</sup> point ~~of~~ (3) three feet below the normal low tide level of the pond waters prior to the mining activity.
3. The tailings area would be graded and revegetated to avoid accumulation of water (surface) X  
The company is awaiting further directives from the U.S. Army Corps of Engineers to avoid the hazards of liquification and possible bursting of the retaining walls of the tailings area.
4. The dredging of silt <sup>or sediment</sup> from the Goose Cove area is: Cofferdam and discharge pipe material, <sup>by Callahan</sup> will be carried out dependant on results of the core samples sent to Maine Sea & Shore Fisheries

*Debet on high ground side to cover up it pond*

*5. A row of bars 374 across distance from - 6 ft.*

*Bridge the silt from Weir Cove to its orig. level*

DRAFT

4. (cont.)

The results from Mr. Hurst's laboratory in Boothbay Harbor to indicate the placement of the material. If toxic metal ions exist the material is to be placed in the tailings area or waste dump, if the material does not contain toxic metal ions it may be placed in the pond area (OPEN-PIT).

*monitoring of toxicity in*

5. The waters of the open-pit area and those of the cove would be carried out by the Callahan Corporation and their aquaculturist Mr. Mandt along with the Department of Sea & Shore Fisheries.

A. Sandecki  
Vice President  
G.P.R.S.

PLEASE FEEL FREE TO AMEND \*\*\*

*Rebuild of d'Alle  
Eventual Removal of dam  
Removal of Power line  
piles, conductors, :*

SIGNATURES —:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Planning to do  
for re-vegetation is being  
done by the U. of Maine  
for the complete re-vegetation  
and re-vegetation of the  
waste piles, tailings and  
other disturbed areas.*

NOTARIZE ??

SSF. LABS.  
WEST BOOTHBAY HARBOR, MAINE  
207-633 5572 04575

TELEPHONE CALL TO MR. JOHN HURST..at Boothbay Laboratories of the Maine Sea & Shore Fisheries Department. Aug.16th at 2:50pm.

I asked the results concerning GOOSE COVE silt from the core samples taken earlier this summer.

Mr. Hurst.. There is a high loading of toxic metals in the silt according to the samples tested by the lab.

High concentrations of lead, zinc, copper etc. The Corps of Engineers have requested another set of samples be taken in addition to the ones they already have. Mac Richards will be taking the additional samples one day this week.

The impression I received from Mr. Hurst's comments was that the Army Corps of Engineers were rather stunned at the extent of the amount of toxic metals in the cove and wanted to be sure of the situation before taking action against Callahan.

I suggested to Mr. Hurst that something be done about the situation before the Callahan firm's equipment is auctioned on September 22nd so that the necessary dredging and hauling could be carried out by the company.

Mr. Hurst.. This situation would not be left as a loose end as it seemed bad enough to make sure the material be gotten out of the cove.

I told Mr. Hurst that I would be leaving Harborside within two weeks and would appreciate getting the results of the additional testing of the new samples. 2 to 3 wks and will send me the results as soon as they are gotten from the Corps of Engr's.

CALLAHAN MINING CORPORATION

277 PARK AVENUE • NEW YORK, N.Y. 10017  
TELEPHONE: (212) 826-2950

PLEASE ADDRESS REPLY TO:  
41 UNION WHARF  
PORTLAND, MAINE 04111  
TEL: (207) 772-3789

August 15, 1972

Mr. Albert Sandecki  
Harborside, Maine 04642

Dear Albert:

Thanks for your letter and comments regarding the minutes and correct amounts for Dr. Patrick's fee.

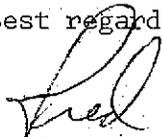
I will defer correcting the minutes until all corrections are received and they are approved as corrected at the next meeting.

As to the powerlines, the principal power line to the mill will remain intact as long as the buildings remain, as it is the only source of power. I didn't realize that the power line up the north side of Dyer Hill was the principal line. I thought it only went to the tank on top of the hill, in which case it would have been removed. All other unused lines are being taken down.

I don't recall the specifics of discussions regarding lowering of mud and rock. As I recall, I said attempts were being made to lower all materials to a depth 3 feet below low tide in the pond (low tide elevation in pond is 1000 feet).

Yes, Callahan has paid \$25,000 in royalties to the Maine Mining Bureau (\$5000 per year 1968, '69, '70, '71, '72).

Best regards,

  
Frederick M. Beck

FMB:lja

Harborside,  
Maine 04642  
August 3, 1972

Callahan Mining Corporation  
41 Union Wharf  
Portland, Maine 04111

Mr. Frederick M. Beck  
Exploration Manager

Dear Fred:

In looking over the draft of the minutes of the first annual meeting of the Goose Pond Reclamation Society the only omission seems to be on the discussion of the waste rock and mud being excavated or graded to three feet below the normal low tide level (994.7 el.)

The future use of the pond area by small boats would lend this to be a necessary safety measure as well as the general appearance.

Although lightly touched upon at the time of the meeting the removal of powerlines and poles at the appropriate time was also agreed to.

The correct amounts concerning Dr. Patrick's fee are as follows:

Dr. Patrick's contract.....\$ 387.00  
(Contract # B-117, at  
1½ days @ \$390 & \$12 trans.)  
Friends of Goose Pond Acct....\$ 197.87  
Albert Sandecki funds.....\$ 189.13

Dr. Patrick's bill was received August 23, 1971 and paid in full on September 20, 1971.

Only other question I had is concerning the amount paid in royalty from Callahan to the Maine Mining Bureau is that \$ 25,000 correct ? Bob Doyle quoted me a lot less than that..

Sincerely,

CALLAHAN MINING CORPORATION

277 PARK AVENUE · NEW YORK, N.Y. 10017  
TELEPHONE: (212) 826-2950

PLEASE ADDRESS REPLY TO:

41 UNION WHARF  
PORTLAND, MAINE 04111  
TEL: (207) 772-3789

July 31, 1972

Mr. Albert Sandecki  
Harborside, Maine 04617

Dear Albert:

Enclosed is a rough draft of the minutes of the Annual Meeting of the Goose Pond Reclamation Society. Please review it and make any comments you may have to us so we can type the final draft.

Very truly yours,

*Fred Ija*

/lja

F  
 DUGAN HURST  
 207-633-5572  
 AUGUST 16<sup>th</sup> 2:50-3:10  
 PARTIAL RESULTS ON CORE  
 SAMPLES FROM GOOSE CREEK  
 HIGH LOADING OF METALS  
 COPPER, ZINC, CD, LEAD  
 CORPS OF ENGINEERS HAS  
 REQUESTED SECOND SET OF  
 SAMPLES - MDC RICHARDS WILL  
 TAKE THEM NEXT WEEK - WILL  
 HAVE FURTHER RESULTS IN  
 2 OR 3 WEEKS - WILL CALL  
 OR WRITE IN RESULTS  
 RATHER NOT HAVE LOSS LEFT

- Draft -

GOOSE POND RECLAMATION SOCIETY  
MINUTES -- ANNUAL MEETING  
JULY 25, 1972  
10:00 A.M.

The annual meeting of the Goose Pond Reclamation Society met in the office of Callahan Mining Corporation. Present were Albert Sandecki, Frank Greene, John Gray, Bob Howard, Mr. and Mrs. Wm. Barthelman, Bill Veague, John Hurst, Bob Dow, and Fred Beck.

The first order of business was reading of the minutes of the previous meeting. Mr. Beck suggested that rather than reading the minutes which were in the possession of all the directors, comments should be made regarding them, if there was no objection to this. This was agreed and the following corrections were noted:

Page 2, paragraph 4 changed to read: "Mr. Moehle of the Corps of Engineers said there was no reason for the Corps of Engineers to give a permit to remove the dam."

Page 2, paragraph 7 changed to read: "Is there any objection to the dredging of Goose Cove?" (question by Albert Sandecki)

There being no further changes, the clerk moved that the minutes be accepted and this was voted. Corrected minutes will be sent to the directors.

The next item of business was the election of officers. John Gray explained the election procedures as outlined in the by-laws wherein the directors for the year are to be elected and the clerk is to be elected. John Hurst moved that Fred Beck be nominated as clerk for the following year. It was seconded by Dow and so voted. John Hurst moved acceptance of the present slate of directors. Beck seconded; it was so voted. The nine directors for the forthcoming year will be John H. Gray, Frederick M. Beck, Albert E. Sandecki, Robert T. Howard, Florine M. Black, Robert L. Dow, Robert G. Doyle, Clifford A. Leach, C. Shannon Blodgett. The question was raised as to membership in the society by others than directors. It was noted in the by-laws that unlimited membership was allowable and that new members could be elected at any meeting of the corporation or of the Board of Directors. This being a meeting of the corporation, it was moved that Mr. Bill Veague, Mr. Frank Greene, Mr. and Mrs. Wm. Barthelman be <sup>initiated</sup> initiated as members. Bob Dow moved acceptance of these applications; it was seconded and voted. Mr. Greene then expressed interest in his family also obtaining membership and it was the concensus that family members should also be allowed. However, Mr. Beck raised the point of logistics as far as mailing of minutes and other notices; it could very rapidly become unweildy unless some system was set up. It was the concensus that perhaps family memberships would be appropriate at this time until some more definite arrangement could be provided. The Veague, Greene, and Barthelman families will be considered as family members. 9

Mr. Gray asked if there was any further business to come before the annual meeting of the corporation. There being no further business, Bob Dow moved adjournment; it was seconded by Beck and so voted.

Immediately following the adjournment of the above meeting, John Gray acting as chairman opened the meeting of the Board of Directors. This Board meeting is required by the by-laws and it is at this meeting that the other officers of the corporation are elected. Beck moved acceptance of John Gray as president. It was seconded by Bob Dow and unanimously accepted. Albert Sandeck as treasurer discussed the fact that no funds existed and that Callahan's Vice President Mr. Charles Snead had promised funding. Mr. Sandeck hoped that funds would be available from the state and stressed the need for a local resident to be treasurer rather than an out-of-state Board member. John Gray then discussed Kip Leach's qualifications as treasurer. Mr. Leach was nominated by Albert Sandeck, and seconded by Bob Dow and so voted. Bob Dow discussed the need for an additional officer, and it was felt that this would be desirable. Mr. Dow nominated Albert Sandeck as Vice-President, seconded by Bob Howard and so voted. There was a brief description of the use of proxies as allowed in the by-laws of the corporation. The next item of business was the reclamation plans. Beck discussed a draft report which he had prepared, noting that it needed to be refined and changed where appropriate by the Goose Pond Reclamation Society. Copies were passed out to those present for review. Mr Beck then discussed the tailings pond situation and the plans for reclaiming this area which include a ditch and spillway area to provide permanent drainage of the surface of the tailings pond. He mentioned the concern of the Corps of Engineers over the structural stability of the pond and that the U.S. Bureau of Mines will be co-operating with the company to obtain test samples of the tailings material to determine the potential liquification of the sediments. Mr. Greene then asked Mr. Beck about the progress of using the tailings for some other source. He mentioned that the Dunn company of Michigan could not use this material as an aggregate for making brick. Mr. Greene asked about the use of the material for tennis courts, stating that \$70 a ton is usually the price for surfacing material used on clay courts, and that a use may be found there for this material. Mr. Greene will contact Mr. Beck about the address of the company that produces this material and Mr. Beck will follow up on providing samples to the company for analysis. The Society gave <sup>conditional</sup> approval to the current plans as stated by Mr. Beck, noting that ~~he has conditions~~ as tests conducted by the Bureau of Mines became available, further judgment could be made at that time.

The next item for consideration was the fresh water dam. The plan submitted by Mr. Beck provided for an enlarged and improved freshwater dam with a permanent spillway. Considerable discussion ensued about the pros and cons of fresh water behind this dam versus removal of the dam and a return to a salt water estuary. It was the concensus of the Society that it would be better to return the upper part of Goose pond to a tidal estuary rather than contain it as a fresh water ~~dam~~ <sup>pond</sup> dam. The

reasons were: (1) problems of flooding sanctuary land; (2) probable difficulty in obtaining permission from the Parks and Recreation department to flood this land as well as to maintain the freshwater estuary; (3) the fact that by maintaining the freshwater dam at a level sufficient to flood the marsh, the marsh no longer would be attractive to wildlife as a habitat and nesting area and therefore the reasons for preference by the Inland Fisheries and Game Dpt. for fresh water are negated. Beck stated that he would change the proposal appropriately.

The next item of business was the Goose Falls dam. The State Highway Dept. has requested that the top 3' of this dam be removed and the Corps of Engineers has requested that further study be given to the problem. After considerable discussion it was agreed that the top 3' of the Goose Falls dam should be removed and the Corps of Engineers should be requested to grant this approval. It was agreed also at this time that the maximum height of the Goose Falls dam should be maintained at no higher than the maximum 1004' level using the Callahan elevation system. The 1004' level corresponds to approximately mean high tide. Mr. Sancecki asked about the final condition of the Goose Falls dam area when the entire dam is removed. Mr. Beck stated that an effort would be made to return it to as natural a condition as possible. This effort would be made by Callahan if appropriate and that the exact nature of this dam could be decided by the G.P.R.S.

Mr. Beck also stated that the 16' pipeline now extending into the cove would be removed at the appropriate time.

Regarding the proposal prepared by Mr. Beck, there were some comments and changes were made in suitable places. Notably, on page 5 of the proposal Mr. Dow stresses that heavy metals should be measured in shell fish, water, and sediments at locations agreed upon <sup>with</sup> by the company and that on page 6 of the proposal, paragraph 5, second sentence, that the determination of dam removal should be made by the E.P.A., Dept. of Sea & Shore Fisheries, Dept. of Environmental Protection, and the Corps of Engineers and not the G.P.R.S. This was agreeable to the Society.

Next order of business was discussion of water levels. It was agreeable to flood the pit to 990' elevation; that is, 10' below mean sea level until the turbidity had improved and then to fill it with salt water to 1,004' (i.e. mean high tide).

The next order of business was discussion of the aquaculture project progress. This was a brief report in which the oyster and salmon aquaculture was discussed. Mr. Beck noted that some 350,000 oysters and 4,000 salmon were doing well with minimal mortalities. The project seemed to be going as hoped at this point. The last order of business was other business. Mr. Beck said that Callahan would be willing to contribute \$1000 to the G.P.R.S. for their use and moved that it be accepted by the Society. <sup>Mr. Dow seconded, and it was moved</sup> Mr. Albert Sancecki then presented a bill for \$386.87 to the Society with some discussion as to the reasons for its presentation to the group, mentioning that \$189.00 were of his

*Albert: Are these the correct amounts?*

personal funds and \$187.87 had come from donation by other interested parties. There was considerable discussion about this and it was the concensus of the Society that payment should be made. Beck moved that full payment be made of Mr. Sandeck's bill, seconded by Dow and so voted. There was discussion of possible contributions made by state agencies and it was noted that Mr. Doyle had inferred that some funds would be available from the Maine Mining Bureau for reclamation purposes. It was mentioned that the Maine Mining Bureau received \$25,000 in royalty payments from Callahan, and that perhaps ~~that~~ some of this be returned to the Reclamation Society for reclamation. It was suggested that John Gray write a letter to the Maine Mining Bureau with an appropriate request.

There being no further business, the meeting was adjourned at 1:10 P.M.