MAINE DEPT. OF SEA & SHORE FISHERIES
STATE HOUSE, AUGUSTA, MAINE

Date: December 7, 1971

To: Mr. John Gray

X For your information	..... Material you requested
..... For your files	..... For appropriate action
..... Please return	..... To be requisitioned

Comments: A copy of the attached document has been furnished the Maine State Geologist in reply to his request for a Position Statement of the Department of Sea and Shore Fisheries.

RLD
signature

ROBERT L. DOW,
Marine Research Director
title

memo

Fred Beck —
Canadian Mining Corp.
NoE Dist. Exploration Office
41 Union Wharf
Portland, Maine 04111

Albert Sandecki
50 Tanner St.
Haddonfield, N.J.
08033

Tel. 609-429-1310

Telephone: 374-2434

The Merle B. Grindle Agency
EST. 1919
INSURANCE
BOOTHBAY MAINE

STATE OF MAINE

Certificate of Organization of a Corporation, Under Title 13, Chapter 81 of the Revised Statutes, and Amendments thereto.

The undersigned, officers of a corporation duly organized at Harborside in the Town of Brooksville State of Maine, on the day of A.D. 1972, hereby certify as follows:

The name of said corporation is GOOSE POND RECLAMATION SOCIETY.

The purposes of said corporation are:

The corporation is organized exclusively to improve the ecology, scenery and the general environment of the town of Brooksville, Maine, by working for, encouraging, assisting and stimulating the reclamation of areas disturbed by mining operations and for the above purposes, to acquire by gift, purchase, lease, devise and bequest and to hold, improve, maintain and manage, and to lease, sell and exchange real and personal property.

All of the foregoing purposes and powers are to be exercised solely for the benefit of all of the residents of the Town of Brooksville, Maine, and this corporation is one which does not contemplate pecuniary gain or profit to the members thereof and is organized for non-profit purposes and no part of any net earnings thereof shall inure to the benefit of any member, officer or other individual.

No substantial part of the activities of the corporation shall be the carrying on of propaganda, or otherwise attempting, to influence legislation and the corporation shall not participate in, or intervene in (including the publishing or

distribution of statements) any political campaign on behalf of any candidate for public office.

In the event the corporation should be dissolved, all of the assets of the corporation, after payment of its liabilities, shall be transferred, assigned and conveyed to such organization or organizations organized and operated exclusively for charitable, educational, religious or scientific purposes as shall at the time qualify as an exempt organization or organizations under Section 501(c)(3) of the Internal Revenue Code of 1954 or the corresponding provision of any future United States Internal Revenue Law as the Board of Directors shall determine.

Said corporation is located in the Town of Brooksville, County of Hancock, State of Maine.

The number of officers is three (3) and their names are as follows:

President	-	John H. Gray
Clerk	-	Frederick Beck
Treasurer	-	Albert Sandecki
Directors	-	Charles Shannon Blodgett Robert Dow Robert Doyle Frederick M. Beck John H. Gray Albert Sandecki Robert Howard Clifford Leach

WITNESS our hands this day of A.D. 1972.

_____ President

_____ Treasurer

_____)
_____)
_____)
_____) Directors
_____)
_____)
_____)
_____)
_____)

STATE OF MAINE
HANCOCK, ss. , 1972.

Then personally appeared the within-named Charles Shannon Blodgett, Robert Dow, Robert Doyle, Frederick M. Beck, John H. Gray, Albert Sandecki, Robert Howard and Clifford Leach, and severally made oath to the foregoing certificate by them signed, that the same is true.

Before me,

_____
Notary Public

STATE OF MAINE

Attorney General's Office A.D. 1972.

I hereby certify that I have examined the foregoing certificate, and the same is properly drawn and signed, and is conformable to the constitution and laws of the State.

_____
Attorney General

February 23, 1973

Mr. John H. Gray
Box 175-A
Brooksville,
Maine 04617

Dear John:

Thanks for the copy of the GPRS report for the Town.

When you put it all together It seems as though some progress has been made.

I have heard nothing new from Fred on the proposed turn over of the Penobscot property.

Hope you havent had too much snow this winter, down here we have not had a measurable snow fall all winter a few flurries but none on the ground. Strange winter..

Sincerely,

Albert

Albert Sandecki

LAW OFFICES
FENTON, GRIFFIN, CHAPMAN & BURRILL
109 MAIN STREET
BAR HARBOR, MAINE 04609
TEL. (207) 288-3331

WILLIAM FENTON
HANCOCK GRIFFIN, JR.
DOUGLAS B. CHAPMAN
FREDERICK C. BURRILL

June 29, 1972

Mr. John Gray
South Brooksville
Maine 04617

RE: Goose Pond Reclamation Society

Dear Mr. Gray:

Thank you for your letter of June 28th in which you enclosed the original Articles of Association and Bylaws of the above-named corporation. I have conformed our copy of the articles and Bylaws to the original so that we will have a true and correct copy in the office. The original Articles of Association and Bylaws are normally kept by the Clerk with the minute book of the corporation. I will write to Fred Beck today and ask him for instructions as to where the minute book should be kept.

The incorporation process should be completed shortly since the certificate of organization has been approved by the Attorney General, has been recorded in the Registry of Deeds and was forwarded to the Secretary of State's office on June 22nd.

I will let you know just as soon as it is received back from the office of the Secretary of State.

Yours sincerely,

William Fenton

WF/ct
copy: Mr. Frederick Beck

PUPIL'S DAILY PROGRAM

Name Jane Gray

Class or Grade

Time	Period	MONDAY Class	Rm.	TUESDAY Class	Rm.	WEDNESDAY Class	Rm.	THURSDAY Class	Rm.	FRIDAY Class
9 [illegible]	1	Study				Eng I	4	~~French~~	1	
	2	Study		Alg I	4	Gen Sc.	2	Eng I	4	Geog
	3	Geog	3	Study		Alg I	7	Gen Sc.	2	French
Noon	4	French	1	Study		Study		Alg I	7	Eng I
	5	Eng I	4	Geog	3	[illegible] Study		Study		Gen Sc
	6	Gen Sc.	2	French	1	Geog	3	Study		Alg I
	7									
	8									
*Home Study										

(Registration Blank on other Side)

Locker No.

Home Room

Research Librarian MOBAY CHEM.(MONSANTO BAYER)

My understanding of the problems may be summarized as follows:

(1) The report from the Colorado School of Mines dated October 22,1965 concerns the toxicity of the tailings from the proposed(?) mine. Assuming that they(Callahan) used the process outlined, their study indicated that sodium cyanide would be the only chemical present in toxic concentration and that it could be treated by dilution or by an alkaline chlorine treatment. I cannot find fault with their conclusion.

(2) Since the mine has (or will) close the above no longer applies and the question now appears to be whether to impound the surface water which will fill the open pit and tailings pond, or to allow sea water to enter and flow out periodically with the tide.

There can be little doubt but that fairly high concentrations of copper and zinc will be leached out of the ore remaining in the pit for some time to come by either fresh or salt water. For this reason,it would seem more desireable to impound the water, attempting to keep the concentrated water localized. If we assume for the moment that this water could be kept stagnant, eventually the concentration of copper and zinc will reach an equilibrium and remain fairly constant(probably too high for potable water). Since as Mr.Sandecki points out, surface water will continue to run into the pit; it must also overflow and will carry some of the chemicals out of the pond. If the water flowing into the pit enters only on the surface it is possible that it might flow out without causing too much mixing and leave the chemicals in the pond. In any case the outflow should be analyzed frequently to determine whether it should be allowed to run into the sea untreated. If your state has a water laboratory, they could run such tests periodically, the water in the pit should be sampled at various depths and tested at intervals to determine what happens there. I cannot think of any feasible process which would precipitate the metal in the pond.

(3) The other question which has been raised is what will happen to the wells in the vicinity, when the pit is filled with water? Will the water flow from the pit to the wells and contaminate them with metals. Inasmuch as the sea water has already appeared in wells, it is quite possible that when the pit fills with water, the pressure will be reversed and prevent sea water from entering the wells. On the other hand, water from the pit may find its way into the wells. Obviously these wells should be tested frequently for copper and zinc. These metals can be removed by the ordinary household Zeolite softeners which are leased or sold around here by Culligan and Permutit and other firms specializing in water service. Such softeners will not remove the sodium chloride found in sea water and make it potable.

To return to the specific questions raised in your May 9th letter (a) I am unaware of any naturally occuring materials in fresh water or salt water which would precipitate these metals significantly. The salts of copper and zinc are quite soluble but can be precipitated in the laboratory with laboratory reagents. They can be removed by Zeolites etc., but these conditions do not prevail in the pond.
(b) It seems to me that impounding of fresh water in the pit would be safer than to allow sea water to flow in and out of the pit, for reasons discussed above.

Perhaps my recomendations can best be summarized by suggesting frequent analysis of the water in the pond, the pond effluent and the several wells, in order to get the necessary information. Secondly treat the well water with a Zeolite softener, (assuming sea water no longer enters the wells.) I am quite sure analytical methods are available for copper and zinc, which might be suitable for household testing I would be glad to look up such methods ----- if you wish. I would also suggest that you look into the availability of state laboratories for testing these waters.

Harold B. Staley
New Martinsville,W.Va.

MAY 25TH

1. WOULD THE PRECIPITATING EFFECTS ON THE TOXIC METAL IONS BE MORE EFFICIENT IN SALT WATER OR FRESH WATER ?

2. WOULD THE CHELATING EFFECTS OF THE TOXIC METAL IONS BE MORE EFFICIENT IN SALT OR FRESH WATER ?

3. IF THE POND AREAS WERE IMPOUNDED WITH FRESH WATER WOULD THERE BE A TENDENCY TO DEVELOP A CONCENTRATED SOLUTION OF TOXIC METAL IONS ?

4. IF THE EBB AND FLOW OF TIDAL SALT WATER WERE INTRODUCED INTO THE PONDS WOULD THERE BE A LESS TOXIC SOLUTION OF METAL IONS DEVELOPED ?

5. WHETHER THE PONDS ARE IMPOUNDED OR NOT WOULD THE TOXIC METAL IONS HAVE A TENDENCY TO CONTAMINATE THE FRESH WATERTABLE IN THE IMMEDIATE AREA OF THE PONDS ?

6. IS THERE ANY PHYSICAL ADVANTAGE TO THE WATERTABLE IN THE AREA TO HAVE THE PONDS CONTAINING FRESH OR SALT WATER ?(ie. DENSITY, WEIGHT, EVAPORATION RATE etc.)

7. IS THERE AN ADVANTAGE OR DISADVANTAGE TO THE DEVELOP- OF A BRACKISH WATER SITUATION IN THE POND BEDS ?

8. WOULD THE RADIOACTIVE RADIATION LEVEL IN AND AROUND THE MINE-SITE BE A CRITICAL FACTOR IN THE RECLAMATION PROCEDURES ?

9. RECOGNIZING THE NEED TO KNOW THE VOLUME OF WATER THAT IS INVOLVED, WHAT WOULD BE AN ESTIMATE OF THE TIME REQUIRED FOR THE TOXIC METAL IONS TO REACH AN EQUILIB- RIUM IN FRESH AND SALT WATER ?

10. WHAT FORM AND FREQUENCY OF MONITORING OF THE PONDS SHOULD BE CARRIED OUT ?

A.E.S. 5/18/71

RECLAMATION OF GOOSE POND MAY25th

1. IF THE POND AREA IS TO IMPOUNDED AND TURNED TO FRESH WATER, WILL PROVISIONS BE MADE FOR RESTORING IN THE FUTURE FOR THE RETURN OF SALT WATER TIDAL FLOW AT SUCH TIME AS THE TOXIC METAL IONS SITUATION WOULD PERMIT ?

2. WILL GOOSE FALLS BE RECONSTRUCTED UP TO THE ORIGINAL FALLS LEVEL, PROVIDING A FALLS IF AND WHEN THE SALT WATER IS PERMITTED TO RETURN TO THE PONDS ?

3. WILL THE DITCH NOW DRAINING TOWARDS WEIR COVE BE FILLED OR PERMANENTLY BLOCKED AT A POINT AND LEVEL THAT WILL RESTORE THE FULL NATURAL RUN-OFF FROM THE AREA INTO GOOSE POND ?

4. WILL A SLUICEWAY BE PROVIDED THROUGH THE BARRIER OF WASTE ROCK NOW BETWEEN THE UPPER AND LOWER PONDS FOR RUN-OFF OF EXCESS FRESH WATER OR RISE AND FALL OF SALT WATER IN THE FUTURE ?

5. WILL ROCK AND FILL NOW IN THE POND BEDS BE PUSHED BACK INTO THE PIT TO SOME REASONABLE LEVEL BELOW THE NORMAL LOW TIDE LEVEL IN ALL AREAS OF THE POND ?

6. WILL THE POND BEDS BE FILLED TO HIGH TIDE LEVEL WHETHER FRESH OR SALT WATER IS INTRODUCED ?

7. WILL THERE BE AN AGREED ON BENCHMARK TO MONITOR WATER AS WELL AS WASTE LEVELS IN THE POND BEDS ?

8. IF THE PONDS WILL CONTAIN FRESH WATER WILL THE DIVERSION OF THE NATURAL WATERSHED RUN-OFF WEST OF DYER'S HILL BE REMOVED AT THE ROAD DRAIN WHICH WASHED OUT TWICE IN 1969 ?

9. WILL THE POND AREAS WHEN FILLED BE MONITORED TO DETERMINE WHEN THE TOXIC METAL ION SITUATION HAS REACHED AN EQUILIBRIUM ? BY WHO ?

10. WHAT AGENCY WILL PROVIDE ENGINEERING FACTORS IN REGARD TO RECLAMATION AND WILL HAVE FINAL AUTHORITY TO CHECK ON AGREED RECLAMATION PROCEDURES ?

A.E.S. 5/18/71

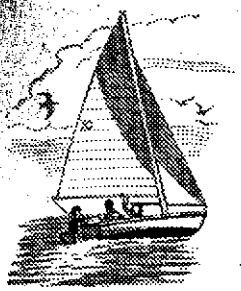
EMDD

James B. Coffey, Jr.

Executive Director

Eastern Maine
Development District
80 N. Main Street
Brewer, Maine 04412

942-6389



Town of Brooksville

Brooksville, Maine 326-4518

March 27, 1972

Fenton, Griffin, Chapman & Burrill
109 Main Street
Bar Harbor, Maine 04609

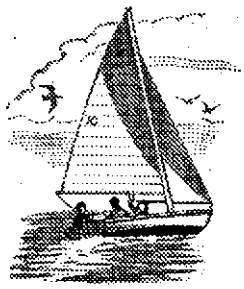
Att: Mr. William Fenton
Re: Certificate of Organization
Goose Pond Reclamation Society

Dear Mr. Fenton,

In accordance with your instructions, I am enclosing the above mentioned Certificate of Organization for further processing.

Sincerely yours,

John H. Gray
Chairman GPRS



Town of Brooksville

Brooksville, Maine 326-4518

February 28,1972

Fenton, Griffin, Chapman & Burrill
109 Main Street
Bar Harbor, Maine 04609
Att: Mr. William Fenton

Dear Mr. Fenton,

I am enclosing the articles of Association as well as the photocopy of the Certificate of Organization. As I discussed with you on the phone, the original seems to be missing. If you would be good enough to supply us with an original, I will forward it to the proper people for their signatures.

Sincerely yours,

John H. Gray

Nov. 10, 1971

Dear Carl,

I am enclosing a copy of the Incorporation Papers which was proposed for the Goose Pond Reclamation Society. I would appreciate your comments. I am also enclosing a very vague map, of the area.

Sincerely yours,

GOOSE POND RECLAMATION SOCIETY

OUTLINE OF PROPOSED RECLAMATION PLAN

1. Cease mining and milling . . . . mid-June.

2. Slide mud into pit to lower contours of Goose Pond and cover pit bottom with marine mud.

3. Raise height of fresh water dam, construct weir and spillway, and retain water south of fresh water dam as fresh water pond. Raise level to 1008'.

4. Seal off culvert at Weir Cove . . . water to flow north.

5. Prepare Goose Cove Dam for demolition by drilling holes - - but not penetrating dam.

6. Siphon sea water into pit thru 16" pipe line. Stop level temporarily at 1000 elevation. Hold at this level for clarification . . . then fill to final level of 1007'.

7. Dredge accumulated sediment from head of Goose Cove if possible. Move materials dredged to face of dump area.

8. Conduct aquaculture experiments in pit and adjoining Cape Rosier waters for 1 year.

9. Provide continuous monitoring during this period.
   Question - which elements?
   what sensitivity?

10. During this period GPRS will make periodic appraisals of situation, monitoring results, etc., to determine if and when dam should be removed.

11. Remove dam with hydraulic wedges to level agreed upon by GPRS.

12. During all this period, Callahan will maintain its leases on the properties involved and will be making feasibility studies to determine viability of aquaculture as a commercial industry at the mine site.

LAW OFFICES
FENTON, GRIFFIN, CHAPMAN & BURRILL
109 MAIN STREET
BAR HARBOR, MAINE 04609
TEL. (207) 288-3331

WILLIAM FENTON
HANCOCK GRIFFIN, JR.
DOUGLAS B. CHAPMAN
FREDERICK C. BURRILL

June 30, 1972

Mr. John Gray
South Brooksville, Maine
04617

RE: Goose Pond Reclamation Society

Dear Mr. Gray:

I have received back from the office of the Secretary of State the original Certificate of Organization of Goose Pond Reclamation Society which has been recorded in the Secretary of State's office on June 23, 1972. The organization is now officially incorporated and the effective date of the incorporation is June 23rd.

I will hold the original Certificate of Incorporation in the files here along with the original Articles of Association and Bylaws pending receipt of instructions from Fred Beck.

A copy of this letter is being forwarded to Mr. Beck.

Sincerely yours,

William Fenton

WF/ct

South Brooksville,
Maine 04617
June 28, 1972

Fenton, Griffin, Chapman & Burrill
109 Main Street
Bar Harbor, Maine

Attention: William Fenton

Re: Incorporation Papers

Dear Mr. Fenton:

I have now succeeded in obtaining the proper signatures on the above mentioned papers and enclose them for your examination and further processing.

Very truly yours,

John Gray

JG/fmb
Encl:

Wm. Sherman Greene, Jr.
Attorney and Counsellor at Law
Sunset, Maine 04683
207-348-2881

May 22, 1972

Mr. John H. Gray
Brooksville,
Maine 04617

Dear John:

Albert Sandecki has signed and returned the Certificate of Organization of Goose Pond, and I am sending it herewith, together with his letter to you enclosing it, dated May 17, 1972. I have discussed with Bill Fenton the various points that Albert makes in his letter, and it is my understanding that the Certificate is not to be changed. I have explained the situation to Albert yesterday.

I confirm that you have arranged with Albert to have a permanent Treasurer elected at the first meeting.

Albert will be here early in June and I assume you will have a meeting of the incorporators at that time.

Very truly yours,

Wm. Sherman Greene, Jr.

WSG:RL
(encl)

50 Tanner Street
Haddonfield,
New Jersey 08033
May 17, 1972

Mr. John H. Gray
Chairman G.P.R.S.
Brooksville,
Maine 04617

Dear John:

Enclosed is the signed Certificate of Organization, I have filled in the blank opposite the position of treasurer with the understanding we discussed last night that at the first meeting of the G.P.R.S. the members will consider the practicalities of having a treasurer more experienced and accesible to the main body of the committee.

I feel rather strongly that the officers of the committee should be local, readily available and accessible for committee business to avoid possible delays and loss of important papers through the mails, which has occurred to me on occasion.

One point I meant to bring up last night concerned the first paragraph of the Certificate of Organization, I feel the outline of purpose should clarify the "area disturbed by mining operations" by reading (area disturbed by the Callahan Mining Corporation's,Penobscot Unit mining operations). My reason for this is that it is too broad a statement as it stands now if you consider the possibility of another mining operation coming to Brooksville in the future. Existing legislation should apply to a new mining operation and I do not think that the committee should leave itself open to added burdens.

The second paragraph in stipulating the protection of net earnings from "any member, officer or individual" might also consider the addition of (privately owned entity).

I hope to attend the first meeting of the G.P.R.S. barring any unforseen developments here I should be at Harborside the first of June for a few days and then returning by the 20th until September.

Hope all went well at the meeting with Governor Curtis.

Sincerely,

Albert Sandecki

Albert Sandecki

cc:
CMF

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

May 8, 1972

Mr. Robert Dow
Research Director
Department of Sea and Shore Fisheries
Augusta, Maine 04330

re: Aquaculture Proposal

Dear Bob:

Our company is interested in the economic potential of raising fish and shellfish under intensive growing conditions. We feel that the waters adjacent to Cape Rosier might be suitable for such an enterprise and we are prepared to invest money in a pilot project to determine the economic feasibility in this area. We are particularly interested in conducting the project in these waters due to our desire to replace the mine with an economic industry for the town. We also feel that Goose Pond may provide some unique characteristics which would enhance an aquaculture industry.

I am herein providing you with a proposal submitted to us by Mr. Robert Mant of the University of Maine's Darling Center for the raising of oysters. We have accepted Mr. Mant's proposal and have hired him to manage the project. In addition, we have solicited assistance from Dr. Lauren Donaldson of the University of Washington to plan a pilot project for pen raising salmon. I enclose a paper by John R. Moring of the University of Washington's Fisheries Research Institure wherein he describes their salmonid pen rearing experiments. I'm also enclosing a paper by Conrad Mahnken et al which describes in more detail the Union Carbide--NMFS--Sea Grant project at Manchester. These papers describe the techniques we would anticipate using at Cape Rosier. The details are yet to be developed.

I have visited the NMFS-Union Carbide project at Manchester, Washington, and the Lummi Indian project at Bellingham, as well as talked at some length with researchers associated with these projects. It would be naive to suggest that problems don't exist for our proposal for Maine. There are numerous unknown parameters which must be studied during the project, as well as some known

negative aspects such as water temperatures, initial oxygen fugacity in Goose Pond, a non-existant legal regime which will allow commercial sized operations, etc. We feel that the potential benefit to Brooksville, the state, and our company justifies an attempt to seek solutions to the problems and that the pilot project approach is the logical way to proceed.

I think that it would be useful for us to meet at your earliest convenience to discuss the proposal. In particular, I would like to see the project conducted as a cooperative venture between the Sea and Shore Fisheries, the University, and our company. Only in this way can the project produce the maximum benefits to all concerned. We will initially need to work out a plan which will set aside specific areas for research as provided for under present Maine law. Other topics will include such things as species, source of and importation of seed and fingerlings, needed legislation, etc.

I'll look forward to hearing from you. As I mentioned last Thursday, Mr. Hall, our President, will be in the state during the week of May 15 and would like to discuss the project with Governor Curtis at that time. I hope we can get together before then.

Very truly yours,

Frederick M. Beck
Director of Exploration

FMB:lja
cc: J. T. Hall
C. D. Snead, Jr.
Goose Pond Reclamation Society

LAW OFFICES
FENTON, GRIFFIN, CHAPMAN & BURRILL
109 MAIN STREET
BAR HARBOR, MAINE 04609
TEL. (207)288-3331

WILLIAM FENTON
HANCOCK GRIFFIN, JR.
DOUGLAS B. CHAPMAN
FREDERICK C. BURRILL

May 15, 1972

Mr. John Gray
Brooksville, Maine

RE: Goose Pond Reclamation Society

Dear Mr. Gray:

For your information I enclose herewith a photocopy of a letter received from Mr. Greene with regard to the Certificate of Organization and Bylaws of Goose Pond Reclamation Society.

Sincerely yours,

William Fenton

WF/ct
Enclosure

Wm. Sherman Greene, Jr.
Attorney and Counsellor at Law
Bar Harbor, Maine 04609
207-288-2581

May 12, 1972

William Fenton, Esq.,
109 Main Street
Bar Harbor, Maine 04609

Dear Bill:

Thank you for your letter of May 9, 1972.

The Certificate of Organization for the Goose Pond Reclamation Society, which you enclosed, appears in order, but I must tell you that I have not been close to the Committee organizing this group and will be guided by Albert Sandecki's recommendations. The Certificate does set up a non-profit organization and should qualify for exemption.

The purposes appear to me to be in order. The reclamation, under the language in the Certificate of Organization, would be broad enough to take care of a water area in Penobscot Bay, as well as in the mine area on land, which is important.

The language as to the exercise of the purposes and powers solely for the benefit of all of the residents of the Town of Brooksville, Maine, is intended, I am sure, to be read in conjunction with the rest of the fifth paragraph and would not limit the corporate powers which benefit adjacent areas. I have gone over the By-Laws. My comments are subject to Albert Sandecki's consideration as well as the entire Committee.

In Article III, the number of members of the Corporation is limited to fifteen. I do not know if the Committee planned to make this a Town or area group. Perhaps fifteen would be sufficient for desired representation.

The powers of the Board of Directors are such that they will have control of the Organization. I would have no objection to this, if it is clearly understood.

These comments may be of help in considering the Certificate and By-Laws.

I have forwarded a copy of this letter to Albert Sandecki with the Certificate and requested that he sign it as Treasurer and Director, if he approves it. He can send it directly to John Gray thereafter.

I have also sent the By-Laws to Albert for his consideration.

Very truly yours,

Wm. Sherman Greene, Jr.

WSG:RL

negative aspects such as water temperatures, initial oxygen fugacity in Goose Pond, a non-existant legal regime which will allow commercial sized operations, etc. We feel that the potential benefit to Brooksville, the state, and our company justifies an attempt to seek solutions to the problems and that the pilot project approach is the logical way to proceed.

I think that it would be useful for us to meet at your earliest convenience to discuss the proposal. In particular, I would like to see the project conducted as a cooperative venture between the Sea and Shore Fisheries, the University, and our company. Only in this way can the project produce the maximum benefits to all concerned. We will initially need to work out a plan which will set aside specific areas for research as provided for under present Maine law. Other topics will include such things as species, source of and importation of seed and fingerlings, needed legislation, etc.

I'll look forward to hearing from you. As I mentioned last Thursday, Mr. Hall, our President, will be in the state during the week of May 15 and would like to discuss the project with Governor Curtis at that time. I hope we can get together before then.

Very truly yours,

Frederick M. Beck
Director of Exploration

FMB:lja
cc: J. T. Hall
C. D. Snead, Jr.
Goose Pond Reclamation Society

50 Tanner Street
Haddonfield,
New Jersey 08033
May 12, 1972

Callahan Mining Corporation
41 Union Wharf
Portland, Maine 04111

Mr. Frederick M. Beck
Dist. Exploration Mgr.

Dear Fred:

Thank you for the copys of the correspondence which arrived today, concerning possible use of the mine area for aquaculture studies.

I sincerely hope your conferences with Mr. Dow, Mr. Stuart and the Governor will clear the way for development of this potential source of employment and continued substantial tax base for the Town of Brooksville.

I would like to congatulate you on what seems to be a great deal of effort on your part towards constructive reclamation of the Goose Pond mine-site.

If things do progress as you expect in the near future I think the Selectmen and townspeople of Brooksville should kept well informed as they will I'm sure represent a strong group for support of the proposal.

Sincerely,

Albert E. Sandecki

cc: Mr. Clifford Leach

Mr. Joseph T. Hall

Mr. Charles D. Snead, Jr.

Mr. John H. Gray

GOOSE POND RECLAMATION SOCIETY
Minutes of Meeting
May 4, 1972
10:00 A. M.

In attendence:
John Gray, Chairman
Robert Howard
Robert Dow
John Hurst
Sherman Greene (representing A. Sandecki)
Fred Beck
Sue Jones (representing Island Ad-Vantages)

The meeting was called to order at the offices of Callahan Mining Corp. by Chairman John Gray. It was pointed out that public attendence at the G. P. R. S. meetings was allowed but that specific invitations would not be extended. Anybody interested in attending is free to do so at his own initiative.

The items on the agenda were taken up and discussed, with the following pertinent points being made:

According to F. Beck:

All mining will cease around June 15, 1972.

Immediately following this, efforts will be made to move the mud into the pit by blasting. This could take a week or longer.

Simultaneously, Wier Cove drainage at the Robinson ground will be filled in and reseeded. This will take at least a week--probably more.

Milling will be completed perhaps by mid-July.

A grant has been provided to the University of Maine for greenhouse and field testing of tailings material. Experiments with limited samples and vegetative types were unsuccessful last winter.

Initial planting of the upper dump will be started in mid-August.

Callahan has committed funds to conduct a pilot aquaculture project during the next year. An effort will be made to determine the ability of Goose Pond water to grow oysters and of Smith Cove waters to grow salmon, with Goose Pond being used during the winter as a holding area for these species. Continuous monitering will be provided by Callahan staff, including a newly hired marine biologist.

The work will be closely coordinated with the Department of Sea and Shore Fisheries and University of Maine's Darling Center. The ultimate objective is to create a new industry for Brooksville and a new source of income for Callahan, while at the same time taking adequate precautions to prevent pollution of or by Goose Pond during the period of re-gaining equilibrium with the environment.

There was considerable discussion of various points, and Mr. Dow

suggested that an effort should be made to remove the silt which has accumulated in Goose Cove since mine start-up. Mr Hurst has a coring device which can be used to determine the areas of new silt accumulation. Mr. Dow suggested sucking the silt into the intake end of the 16" siphon during pit fill-up. Mr. Beck suggested dragline dredging as a means of at least deepening the upper end of the Cove. The dredged material should be placed in an area where it cannot be a potential problem. The nature of the silt will be determined by coring and a judgment made at that time as to the advisability of dredging or removing the silt. Mr. Beck suggested that more problems might be created than solved and that a corps of engineers permit would probably be needed.

Mr. Dow asked Mr. Beck to submit a detailed proposal of Callahan's aquaculture intentions to the Department of Sea and Shore Fisheries. This would be required before any permits would be granted or Sea and Shore Fisheries support extended.

In general, it was the concensus that the Callahan aquaculture proposal has merit.

The E. P. A. letter to Callahan was briefly mentioned and since all in attendence had read the letter, there was no discussion.

Monitoring was discussed and it was agreed that the aquaculture project should provide ample data for use by interested parties. Mr. Beck mentioned that the EIC had agreed to help establish limits of ion concentration of various elements which would be acceptable for tidal exchange. They will visit the property sometime in late May.

Due to the plans described above, it was determined that the Philadelphia Academy proposal would be unnecessary.

The G. P. R. S. bylaws are not progressing at any great rate according to John Gray. The earlier draft of incorporation papers was not accepted by the Attorney General's office as it was not clearly stated to be a non-profit corporation.

Some discussion about retention of certain items for use of G. P. R. S. was initiated by John Gray. Certain office furniture might be useful, but since Callahan will be around for another year, this need may be taken

care of. Also the matter of money was raised by Mr. Gray. As long as Callahan plans to do the monitoring, etc., no significant funds would be required until such time as Callahan left the area and work remained to be completed by the G. P. R. S.

Mr. Beck requested that the aquaculture proposal not be mentioned to the press until such time as appropriate state agencies and the Governor's office can review the proposal.

There being no further business, the meeting adjourned at about noon.

Respectfully submitted,

Frederick M. Beck
Secretary

50 Tanner Street
Haddonfield,
New Jersey 08033
April 7, 1972

Mr. John Gray
Chairman G.P.R.S.
Brooksville,
Maine 04617

Dear John:

Attached is a letter from Dr. Ruth Patrick concerning the cost of monitoring the waters in and about the area of the Callahan mine-site. I would have sent this earlier but I was unclear on the contents and wanted to talk to Dr. Patrick before sending this information to you and Mr. Dow.

We talked last night and she indicated that the figure of $ 3,000.00 to 3,500.00 would be the estimate costs for the monitoring of the area's waters on a 10 series of analyses per year for the periods indicated in the first paragraph of her letter.

While discussing this with her I mentioned the accumulation of water in the pit area (according to Fred Beck's letter of the 27th its about 60 feet) in any case she seemed to think this monitoring should be started as soon as possible and preferably this month. This estimate was based on the understanding that a local representative would be shown how and where to collect the samples prepare and send them to the Academy for analyses.

Dr. Patrick also suggested that a local agency be consulted for reclamation of the land areas surrounding the open-pit, the Academy could do this but the cost would be considerable. A Mr. Tom Lloyd of the Academy staff could advise on the land use but would in the long run suggest a local engineering firm to draw up information on proper grade levels etc.. I believe Callahan had some plans being drawn by the Prentiss Carlisle firm a while back. The Northeastern Forest Experimentation Station (USDA) at the University of Maine in Orono expressed a willingness to help in the past. I believe that Callahan is still a cooperator with the S.C.S. in Ellsworth and possibly Albert Dow might be asked to advise on the land reclamation aspects.

My suggestion of considering the Academy of Natural Sciences as a source of monitoring is <u>not</u> with the intent to go over the sources or judgement of Bob Dow's department of Sea & Shore Fisheries or of the newly formed committee. I am just forwarding Dr. Patrick's suggestions as there seems to be reason for action being initiated for the monitoring of the water now.

I would like to suggest that you call a meeting of the newly formed committee as soon as possible to consider the monitoring of the area. If the Callahan Corporation is willing to put up some funds for the monitoring the situation seems to be right for it now.

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

May 8, 1972

Mr. Larry Stuart
Commissioner, Parks and Recreation Dept.
State House
Augusta, Maine 04330

Dear Mr. Stuart:

As you know, Callahan Mining Corporation is ceasing its mining operations at Cape Rosier this summer due to depletion of the ore reserves. Our company has worked closely with townspeople and state agencies to arrive at an environmentally acceptable form of reclamation of both Goose Pond and the disturbed area adjacent to Goose Pond.

We feel that our moral obligation to reclaim this area is two-fold. First, to stabilize erosion and provide scenic restoration through grading and planting, and second, to replace the mining venture with a new economic base for the area. The first area of concern is in the process of being solved. We have provided a grant to the University of Maine to recommend the best vegetative cover and fertilizer for the area and anticipate an initial planting in August. Grading is currently underway.

The second area of concern is a more complex one, but we feel that we have arrived at a unique and environmentally acceptable solution. It is our feeling that aquaculture may prove economically feasible for Goose Pond and other areas in Smith Cove and nearby areas adjacent to Goose Cove.

Our Board of Directors have authorized a pilot project to determine the feasibility of raising oysters and salmon in the Cape Rosier and Goose Pond areas.

I have presented these ideas to the Goose Pond Reclamation Society (comprised of five townspeople, Bob Dow, Bob Doyle, and myself). This group has agreed that the proposed pilot project would be in the best interests of all concerned.

Maine law relating to aquaculture allows research by State/Federal agencies as well as private interests (12 M.R.S.A. 3701, 3702, 3703, 3704, 4253, 4304, 4305, 4351) under certain conditions. Of particular interest is the requirement that written permission be obtained from the riparian owner if oysters or fish are to be raised or cultivated beyond (below) low water mark. Our pilot project contemplates raising oysters below the low water mark in both Goose Pond and in Smith Cove, both areas being adjacent to the Holbrook Sanctuary owned by the State and administered by your Department.

I will be presenting a more detailed proposal to Bob Dow in the near future and feel that it would be useful for Bob and I to discuss this with you. The President of our company, Mr. Joseph T. Hall, is planning a trip to Maine in mid May and plans to talk with Governor Curtis about these plans. I would hope that we could get together prior to that time so as to be able to answer questions the Governor may have.

I will contact you by phone in the near future.

Very truly yours,

Frederick M. Beck
Director of Exploration

FMB:lja
cc: C.D. Snead, Jr.
Goose Pond Reclamation Society

GOOSE POND RECLAMATION SOCIETY
AGENDA
May 4, 1972

mode mud

1. Status of Callahan timetable for completion mining. 15 June – Mill into July
2. Callahan reclamation plans
   a. planting and grading
   b. economic rehabilitation
3. Environmental Protection Agency concern for dam removal
4. Monitoring –
5. Philadelphia Academy of Science's proposal
6. Status of Goose Pond incorporation and bylaws
7. Equipment retention for Goose Pond use
8. Other business

Calla han money? –

(1) mode in mud
Fill Pond with Salt water as soon as Possible
maybe say him some of Debris from Goose Pond back into ~~[illegible]~~ Pit

(2) U of M – Tested for growth – Crown Vetch – (Canadian firm Guarantee 90% growth – with in 2 years $450/acre – 3 yr?)
Begin Test Plot Tailings Pond Gordon Construction to Seed Mt. Callahan Recommended – Seed.) Bureau of Mines Utah leaching no Problem – of Grass over – ~~[illegible]~~ will be leaching initially – acid water Situation – Ionic exchange method to strip metals from it. Plant on tailing Pond until Spring.

Economic Rehabilitation – Aquaculture
oyster Project – Raising seed oysters in Trays to Marketable Size – Monitoring

GOOSE POND RECLAMATION MEETING

THURSDAY EVENING

29 MAY 1980

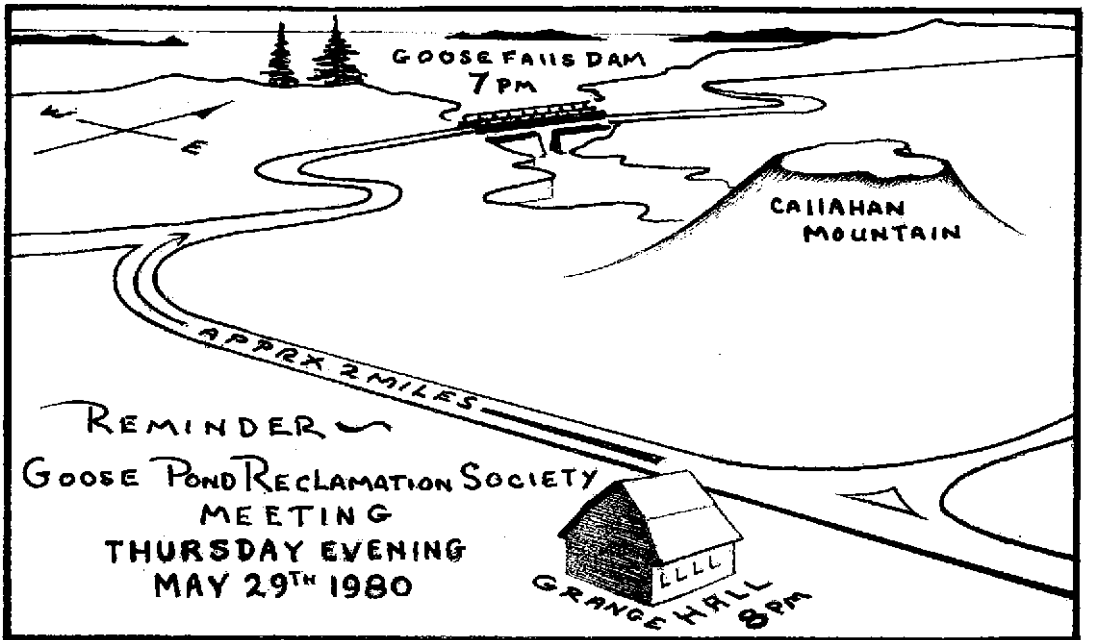
7:00 pm. ON SITE EVALUATION AT GOOSE COVE
8:00 pm. MEETING AT CAPE ROSIER GRANGE HALL

☐ WILL NOT ATTEND ☐ WILL ATTEND

Representing: _____

Authorized Agent: _____

Dated


GOOSE FALLS DAM
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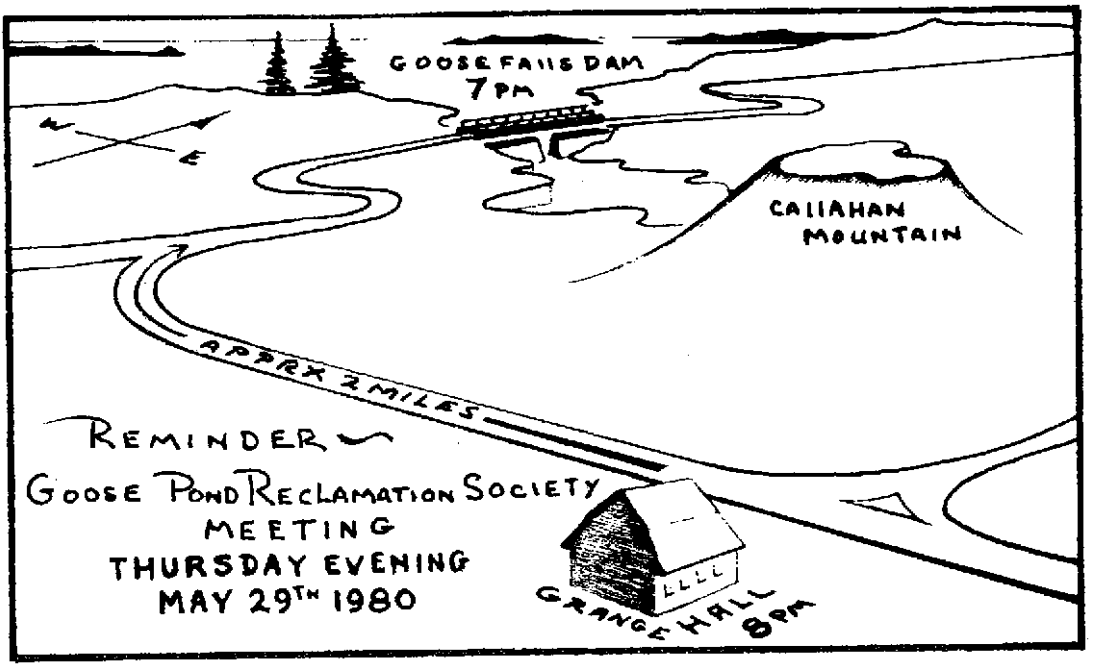
GOOSE POND RECLAMATION SOCIETY
MEETING
THURSDAY EVENING
MAY 29TH 1980
GRANGE HALL
8PM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MEETING
THURSDAY EVENING
MAY 29TH 1980
GRANGE HALL
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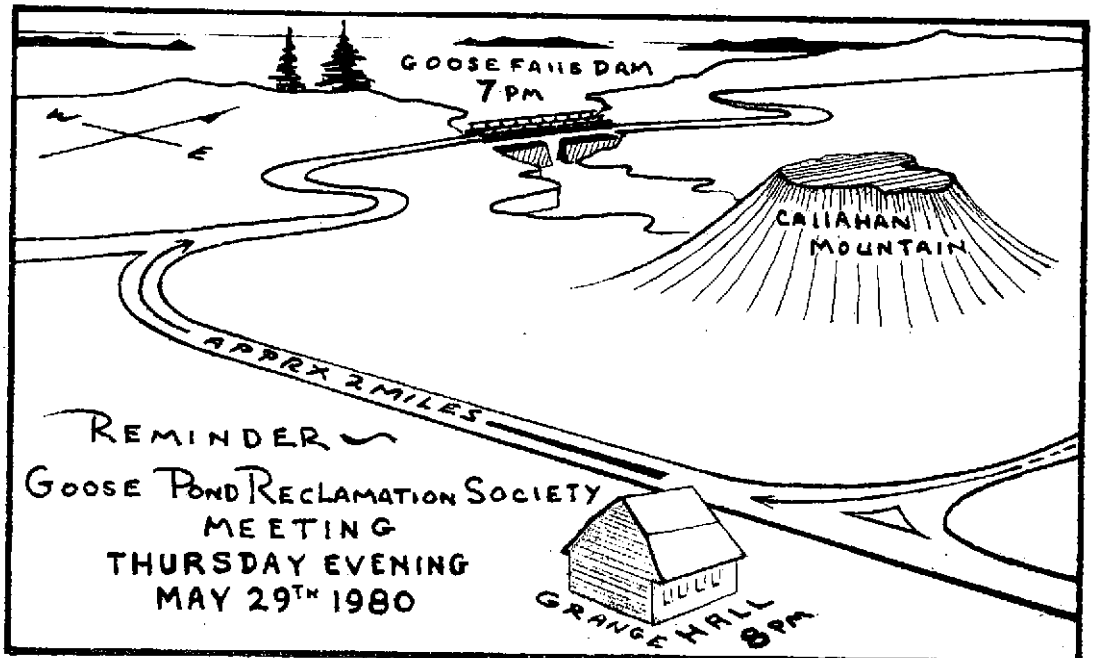
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MEETING
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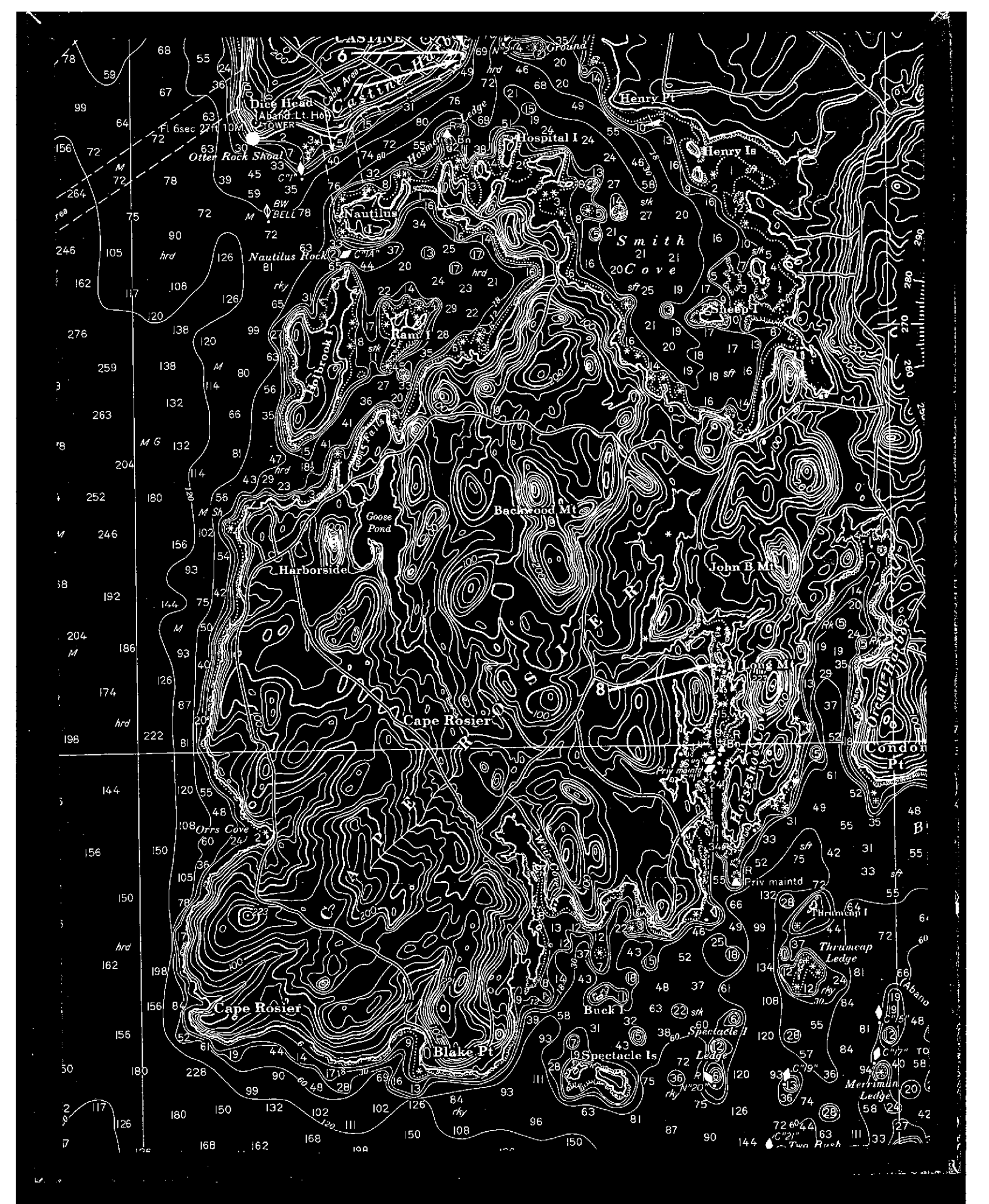

Dice Head
(Aband Lt. Ho)
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Fl 6sec 27ft 10M
Otter Rock Shoal
Nautilus I
Nautilus Rock
Hospital I
Henry Pt
Henry Is
Smith Cove
Sheep I
Ram I
Holbrook I
Goose Pond
Harborside
Backwood Mt
John B Mt
Long Mt
Cape Rosier
Condon Pt
Orrs Cove
Priv maintd
Thrumcap I
Thrumcap Ledge
Buck I
Spectacle I
Spectacle Is
Blake Pt
Merriman Ledge
Two Bush

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
John F. Kennedy Federal Building - Room 2303
Boston, Massachusetts 02203

April 12, 1972

APR 14 1972

Joseph T. Hall, President
Callahan Mining Corporation
277 Park Avenue
New York, New York

Dear Mr. Hall:

We understand that Callahan Mining Corporation is planning to terminate its open copper and zinc mining operations at Cape Rosier Maine, in the summer of 1972. We also understand that your company is concerned about leaving behind a large exposed open pit.

The operation of the Cape Rosier mine has drastically altered the physical conditions of the Goose Pond area. While it might appear important to restore this area to its condition prior to the mining operations, this must not be done at the expense of the coastal waters and shellfishery areas.

The Government is opposed to removal of the dam at Goose Falls and agrees with the company that there is a high risk of damage to the salt water biota from residual ore and silt, particularly from ground talc that is now scattered throughout the open pit. Opening the Goose Pond area to the ocean would constitute a violation of the Refuse Act of 1899 (33 U.S.C.A. 207).

When mining operations and pumping cease, the pit will begin to fill with brackish water, and your company has indicated that this process should take about two years. As the pond begins to fill up with water, much of the rock dust from blasting, especially dust from the talc and the mine, will be caught up in the water as a milky suspension of fine particles. These may take a long time to settle out but will most likely coat the entire bottom of Goose Pond with a fine grayish-white sediment. Brackish water should help to stabilize any fresh mineral surfaces that may be exposed. As the pit fills, a careful

THIS PAPER IS MADE OF 100 PERCENT RECYCLED WASTE

monitoring program and analysis of the pond area should be undertaken in order to determine the water quality of the area before it is permitted to be released to Penobscot Bay. Before the mine is filled, the company should stabilize the pit as much as possible by making sure that loose material is washed to the bottom and held down with sand or gravel.

We would like you to institute a program which would include periodic reports of the water quality to us and to the State of Maine so that we can determine if and when the area is stabilized to the point where the water in Goose Pond can be released to the ocean without danger to the salt water biota.

EPA is aware that Callahan has a lease with Virginia E. Gray of Harborside, Maine and Philip Gray of Blue Hill, Maine in which your company is obliged to deliver up the premises to the lessors in as good order as they were in January, 1966. This does not change our position with regard to the removal of the dam, however,

I would appreciate your advising me of your intention[illegible] as it is convenient for you to do so.

Very truly yours,

Charles Corkin II
Attorney

cc:
Mr. Robert L. Dow
Director, Marine Research
Maine Department of Sea and
Shore Fisheries

Mr. Frederick M. Beck
Callahan Mining Corporation
41 Union Wharf
Portland, Maine 04111

Barry K. Mills, Esq.
Blue Hill, Maine

Mr. John Hurst
Laboratory Director
Maine Department of Sea and
Shore Fisheries

Ms. Virginia E. Gray
Harborside, Maine

Mr. Philip Gray
Blue Hill, Maine

Certified Mail No. 100763

John:

Concerning Dr. Patrick's recommendation that the monitoring of the area be started soon. As I understand it and contacted Mr.Dow about this.. there is a need to develop a baseline measurement begining with the characteristics of the effect of the spring runoff waters and this would be a very desireable statistic to have in the monitoring picture.

In pointing this out Dr. Patrick would like to hear as soon as possible whether the committee would want her to start this monitoring, and will require a letter confirming this so that the Academy could make plans to have a representative come to the area.

I don't mean to push but it sure seems like a legitimate reason to call a meeting of the newly formed committee (or) perhaps the original committee if the "paper work" is not yet completed. I dom't believe the old committee was disolved officially.

I believe this need for monitoring would provide as a test for Callahan's past expressions of willingness to participate financially in the reclamation of the area.

A.S.

50 Tanner Street
Haddonfield,
New Jersey 08033
April 12, 1972

Callahan Mining Corporation
41 Union Wharf
Portland, Maine 04111

Mr. Frederick M. Beck
Dist. Exploration Mgr.

Dear Fred:

Recent conversation with Dr. Ruth Patrick has brought up the point of the desirability of early (Spring) monitoring of the waters in and about the open-pit area. As I understand it a baseline should be established in a series of tests preferably beginning with the effects on the area waters by the early spring runoff into the pit and the surrounding tidal waters.

Dr. Patrick has forwarded a cost estimate for this monitoring at between $ 3,000.00 and 3,500.00 on a yearly basis for 10 series of analyses beginning in April at twice a month until the first of July, then once in August, September, November and once again in the winter.

I have obtained this estimate as a cushion against the possibility that the Maine Department of Sea & Shore Fisheries may not have sufficient funds or facilities available to carry out these tests.

The importance of monitoring the water is I believe well understood, if the Maine Department of Sea & Shore Fisheries is unable to carry out this work what is your corporation's position in respect to monitoring.

Would this necessary testing fall within the purpose of the money budgeted for reclamation by Callahan ?

I have forwarded a copy of Dr. Patrick's letter to Bob Dow and John Gray with the suggestion that a meeting be called as soon as possible to consider the matter of monitoring.

Sincerely,

Albert E. Sandecki

cc:
Mr. John Gray

THE ACADEMY OF NATURAL SCIENCES

NINETEENTH AND THE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19103 Phone LO 4-3921 Area Code 215

March 16, 1972

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

Dear Mr. Sandecki:

I think that we should start the water quality studies as soon as possible and we should determine them twice a month up until the first of July. After that time, I think we might determine them once in August and once in September, and again perhaps in November and one the following winter.

If you can get a local person to collect the samples for us, we estimate that the cost of carrying out these analyses at about $300. each or a total of roughly $3,000. for ten series of analyses. These analyses would consist of the determination of alkalinity, hardness, calcium, magnesium, chlorides, sulfates, copper, zinc, lead, chromium, and iron. The samples would be taken in four or five places in the mine pit, a sample from the cove just outside of the dam, one further down the cove, and one out in Goose Bay away from any possible contamination from the mine.

The Academy would send someone to designate where the samples should be taken. The cost of a person coming to the mine and designating where samples should be taken and showing how to preserve them would be at the rate of $100.00 per day plus travel and living expenses. I would estimate it would take him about 2½ days to do this.

A program for determining the landscaping of the area as a recreational center would have to be worked up on a separate program. I would like to talk more with you about this.

With all best wishes.

Yours sincerely,

Ruth Patrick

Ruth Patrick
Chairman
Department of Limnology

RP:lta

Click here to view part 1