

## INTER-OFFICE MEMORANDUM

019583

DATE: July 28, 1989

TO: Bill Dunn  
General Foreman, Grum Pit

FROM: Eric Soprovich  
Environmental Engineer

SUBJECT: FARO CREEK DIVERSION; SEEPAGE; MITIGATION

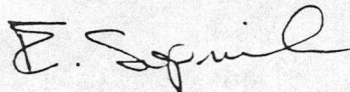
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Enclosed, please find flow volumes for Faro Creek at various periods of the year. Measured peak flows range from 80 l/s to 1650 l/s. The mean annual flood is estimated at 2200 l/s.

I understand from second sources you are intending to use a pipeline to carry the flow of Faro Creek; necessitating construction of a small dam. Several considerations are necessary for implementing this scheme:

1. Changes to the hydraulic regime on this property, through construction activities, requires prior notice to the Yukon Territorial Water Board and their approval (legal requirement).
2. You must use clean pipeline for this program as downstream water quality would certainly be impacted if used tailings line is used. (legal requirement).
3. I have hydrometric stations on the diversion canal (upstream, within and downstream) and am interested in how your plans affect my monitoring program (legal requirement, abandonment program).

I trust the enclosed information suits your needs. The proper channels must be addressed when making modifications to surface drainage/catchment systems. Please keep myself and/or Jack Bowers informed of your progress. Contact me if you require further information.



Eric Soprovich  
Environmental Engineer

ES/lp

cc: Bill WEYMARK

URGENT!  AS SOON AS POSSIBLE  10872

FROM ERIC SOPROVICH

DEPT ENV. ENGINEER

COPY TO Bill Weymark

DATE AUG. 03 / 89

SUBJECT FARO CREEK DIVERSION IMPROVEMENTS

SEND TO Bill Doan  
GENERAL FOREMAN, GRM P.I.T

MESSAGE

I REQUIRE ENGINEERED PLANS FOR YOUR CONSTRUCTION PROGRAM OF THE FARO CREEK DIVERSION FOR FORWARDING TO THE YUKON TERRITORIAL WATER BOARD. THIS REQUIREMENT MUST BE MET, AND THE BOARD APPROVAL GRANTED BEFORE EARTH CONSTRUCTION PROCEEDS. THIS REQUEST ORIGINATES FROM THE WATER BOARD AND IS COMMENSURATE WITH THE TERMS OF OUR WATER LICENCE - THIS IS A LEGAL REQUIREMENT. - QUESTIONS: PLEASE PHONE 245. INFORMATION ATTACHED

REPLY

hee  
- Why is this required?  
- my understanding is that Bill D. is just directing water through a pipe into re-regans the ditch lining. This shouldn't require gov. approval.

4S500E - 1 ← SPEEDIMEMO →  
MOORE SPEEDILY - 1 - MOORE CLEAN PRINT PATENTED 1962 1977

REPLY FROM

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conservation of water and carry out a detailed study of the options for recycling mine process water.

5. Modification and Construction

- (a) The Licensee shall file with the Board the final design and construction plans and specifications for any modifications to the existing water supply and associated facilities, the tailings dykes and related structures, and other waste treatment or handling facilities prior to the proposed start of any construction or work and receive a letter of approval from the Board, prior to the start of any construction.
- (b) The Licensee shall file with the Board at least ten (10) days prior to commencing any construction work referred to in Part B, Section 5(a) of this licence, a detailed construction schedule.
- (c) The Licensee shall construct each structure and carry out work in accordance with the plans and specifications as approved by the Board.
- (d) All design alterations from those approved by the Board shall be submitted to the Board, and the Licensee shall receive approval from the Board prior to any alterations being made.
- (e) The Licensee shall provide as-constructed plans and drawings of the works referred to in Part B, Section 5(a) of this licence within sixty (60) days after completion of construction. These shall be submitted on transparencies reproducible with the use of a standard printer.

FROM E. SOPROVICH

DEPT. ENV. ENGR.

COPY TO LEO HWOZDYK

SEND TO Bill WEYMANK  
GEN. MANAGER

DATE 10/08/89  
SUBJECT FARO CREEK DIVERSION  
IMPROVEMENTS

MESSAGE

THERE SEEMS TO BE SOME CONFUSION REGARDING BILL DUNN'S IMPROVEMENT PLANS FOR FARO CREEK DIVERSION. MY UNDERSTANDING IS THAT B. DUNN PLANS TO KEEP THE STRUCTURES IN PLACE ONCE CHANNEL REPAIRS ARE COMPLETE - HE WOULD THEN CREATE A PERMANENT CHANGE TO THE STRUCTURE. MY EARLIER ADVICE THEREFORE APPLIES -

REPLY SIMPLE COMPLIANCE MUST BE MET. E.

4S500E - 1 ← SPEEDIMEMO → REPLY FROM DATE  
MOORE SPEEDIPLY - 1 - MOORE CLEAN PRINT PATENTED 1963-1966

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inter...  
ditch lining - ...  
shouldn't require  
gov. approval.

FROM ERIC SOPROVICH  
DEPT. ENV. ENG.

COPY TO LEO HWOZDYK / G.S.

SEND TO Bill WEYMARK  
GENERAL MANAGER

DATE 10/08/89  
SUBJECT TECHNICAL SUPPORT

MESSAGE

REQUEST PERMISSION TO HIRE A CO-OP STUDENT FOR PERIOD ~ SEPT. TO DEC. 1989. THIS PERSON WOULD REPLACE ONE OF PRESENT COMPLEMENT OF TWO FIELD TECHNICIANS (BOTH PRESENT TECHNICIANS ARE LEAVING BY SEPT. 04). CURRAGH'S BASIC COMMITMENTS TO THE WATER BOARD REQUIRE A HIGHER LEVEL OF MANPOWER AVAILABILITY IN THIS DEPARTMENT THAN AT PRESENT FOR PROGRAM COMPLETIONS. E.

4S500E - 1 ← SPEEDIMEMO →  
MOORE SPEEDILY - 1 - MOORE CLEAN PRINT PATENTED 1963-1966

REPLY FROM

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Gregg: F.Y.I.

Gregg:  
F.Y.I.  
→ this has been stalled;  
→ we have to wait Mr. Dunn come spring - he would just have to pump fresh Fano Valley Pond into Fano C. E.