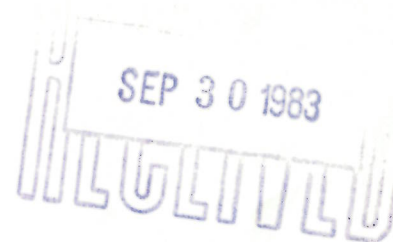




SC 608



1983 September 23

Fish & Wildlife Branch
Parliament Buildings
Victoria B C
V8V 1X4

Sig
Attention: Mr. P.J. Kirby - Licence & Permits Officer

Dear Mr. Kirby:

Re : Fish Collection Permit

• As requested, we are forwarding the physical descriptions of fish collecting during our most recent survey.

On 15 August, 1983, twenty-two rainbow trout samples were collected from Buck Creek upstream and at the confluence with Goosly Lake. Collection of these samples was by angling methods only. Individual samples were weighed and sized prior to shipping to A.S.L. Laboratories in Vancouver. Each fish sample was gendered and aged by Hatfield Consultants prior to dissection for analytical purposes.

We have attached a copy of a regional map illustrating the points of collection.

We trust this data will fulfill your requirements, however should further data be required please contact the undersigned.

Yours truly,

A handwritten signature in dark ink, appearing to read 'R. Patterson'.

R. Patterson
Environmental Co-Ordinator

RP/dms
att.

c.c. - Mine Superintendent
c.c. - Engineering Supervisor
c.c. - Environmental File E-11-8-H
c.c. - Mr. Mike Whately, Fish & Wildlife Branch
c.c. - Mr. Brian Wilkes, Waste Management Branch

Equity Silver Mines
Fish Sampling Data

Sept/83

| Station 0400766 | | Buck Creek at Goosly Lake | | | |
|-----------------|----------------|---------------------------|------|--------|--|
| Fish No. | Weight (gm) | Length (mm) | Age* | Sex | |
| 0400766-1 | 64.5 | 189.0 | 2+ | Male | |
| 0400766-2 | 56.1 | 176.0 | 2+ | ? | |
| 0400766-3 | 55.8 | 171.0 | 2+ | ? | |
| 0400766-4 | 66.0 | 192.0 | 2+ | Male | |
| 0400766-5 | 59.8 | 188.0 | 2+ | Female | |
| 0400766-6 | 53.5 | 176.0 | 2+ | Female | |
| 0400766-7 | 55.0 | 173.0 | 3+ | Male | |
| 0400766-8 | 57.7 | 185.0 | 2+ | ? | |
| 0400766-9-A | 36.6 | 139.0 | 2+ | ? | |
| 0400766-9-B | 43.2 | 155.0 | 3+ | Male | |
| 0400766-10 | 57.5 | 169.0 | 2+ | Male | |

| Station 0400765 | | Buck Creek above Bessemer Creek | | | |
|-----------------|----------------|---------------------------------|------|----------|--|
| Fish No. | Weight (gm) | Length (mm) | Age* | Sex | |
| 0400765-1 | 57.1 | 165.0 | 2+ | Female | |
| 0400765-2 | 62.4 | 181.0 | 2+ | Female | |
| 0400765-3 | 65.0 | 183.0 | 2+ | Female | |
| 0400765-4 | 38.9 | 144.0 | 1+ | Male | |
| 0400765-5 | 35.0 | 145.0 | 1+ | Male | |
| 0400765-6 | 30.3 | 131.0 | 1+ | Male | |
| 0400765-7 | 35.5 | 144.0 | 1+ | Male | |
| 0400765-8-A | 16.0 | 112.0 | 1+ | Immature | |
| 0400765-8-B | 12.7 | 102.0 | 1+ | Immature | |
| 0400765-9 | 40.1 | 153.0 | 2+ | ? | |
| 0400765-10 | 56.7 | 175.0 | 2+ | Male | |

* The age notation indicates that a "1+" fish has passed through two winters, but was captured prior to completing its second year.

NOTE ALL FISH SAMPLES - RAINBOW TROUT

Equity Silver Mines
Fish Sampling Data

Sept/83

| Station 0400766 | | Buck Creek at Goosly Lake | | | |
|-----------------|----------------|---------------------------|------|--------|--|
| Fish No. | Weight (gm) | Length (mm) | Age* | Sex | |
| 0400766-1 | 64.5 | 189.0 | 2+ | Male | |
| 0400766-2 | 56.1 | 176.0 | 2+ | ? | |
| 0400766-3 | 55.8 | 171.0 | 2+ | ? | |
| 0400766-4 | 66.0 | 192.0 | 2+ | Male | |
| 0400766-5 | 59.8 | 188.0 | 2+ | Female | |
| 0400766-6 | 53.5 | 176.0 | 2+ | Female | |
| 0400766-7 | 55.0 | 173.0 | 3+ | Male | |
| 0400766-8 | 57.7 | 185.0 | 2+ | ? | |
| 0400766-9-A | 36.6 | 139.0 | 2+ | ? | |
| 0400766-9-B | 43.2 | 155.0 | 3+ | Male | |
| 0400766-10 | 57.5 | 169.0 | 2+ | Male | |

| Station 0400765 | | Buck Creek above Bessemer Creek | | | |
|-----------------|----------------|---------------------------------|------|----------|--|
| Fish No. | Weight (gm) | Length (mm) | Age* | Sex | |
| 0400765-1 | 57.1 | 165.0 | 2+ | Female | |
| 0400765-2 | 62.4 | 181.0 | 2+ | Female | |
| 0400765-3 | 65.0 | 183.0 | 2+ | Female | |
| 0400765-4 | 38.9 | 144.0 | 1+ | Male | |
| 0400765-5 | 35.0 | 145.0 | 1+ | Male | |
| 0400765-6 | 30.3 | 131.0 | 1+ | Male | |
| 0400765-7 | 35.5 | 144.0 | 1+ | Male | |
| 0400765-8-A | 16.0 | 112.0 | 1+ | Immature | |
| 0400765-8-B | 12.7 | 102.0 | 1+ | Immature | |
| 0400765-9 | 40.1 | 153.0 | 2+ | ? | |
| 0400765-10 | 56.7 | 175.0 | 2+ | Male | |

* The age notation indicates that a "1+" fish has passed through two winters, but was captured prior to completing its second year.

NOTE ALL FISH SAMPLES - RAINBOW TROUT

