

From: [Stahl, Don M ENV:EX](#)
To: [Gascio, Anna ENV:EX](#)
Subject: FW: ENV Media Request: Lafarge quarry landslide
Date: Tuesday, February 20, 2018 2:42:37 PM

Hi Anna,

Could you please attached this email to 201800952?

Thanks!

Don Stahl
Conservation Officer
Conservation Officer Service | Ministry of Environment and Climate Change Strategy
C: 604-795-1526

From: Stahl, Don M ENV:EX
Sent: Tuesday, February 20, 2018 2:34 PM
To: Smith, Murray J ENV:EX
Cc: Hunter, Todd J ENV:EX; Stahl, Don M ENV:EX
Subject: RE: ENV Media Request: Lafarge quarry landslide

Hi Murray,

You "beat me to the punch," but I basically found out what you did.

I called back the com and he stated that:

- the slide never reached the creek
- the creek is called McKay Creek
- that the City of Abbotsford and DFO were also involved with this incident
- the slide was about 100 meters long
- that white cloth (erosion control cloth) had been laid down over the slide area and then it was sprayed with a "fast growth" seed mixture

I then called and spoke with Tanya Beetles (Environmental Coordinator with the City of Abbotsford), who stated that:

- the land slide was caused by an "accidental explosion," that occurred in the rock quarry, when an employee placed too much powder into a charge
- the Ministry of Mines shut the quarry operation down for a time
- that an environmental consultation company (Golder Associates) was hired to provide for onsite erosion control
- that the situation is pretty much under control.

I have a call in to Colin Schwindt (FLNRO Senior Aquatic Biologist) to confirm whether or not salmon are present in McKay Creek (or if it's just trout).

COORS file number is 201800952.

Cheers,

Don Stahl
Conservation Officer
Conservation Officer Service | Ministry of Environment and Climate Change Strategy
C: 604-795-1526

From: Smith, Murray J ENV:EX
Sent: Tuesday, February 20, 2018 2:07 PM
To: Hunter, Todd J ENV:EX
Cc: Stahl, Don M ENV:EX
Subject: FW: ENV Media Request: Lafarge quarry landslide

Hi Todd,

We are going to run with Energy and Mines providing the primary response to the media related to this situation (see below info from E&M).

I have advised GCEP, and Don, that COS will do a follow up with the COM and potentially attend to inspect the slide, depending on the presence of salmonids in the system. If salmonids are present, the file will be forwarded to DFO for follow up. However, until it is known on the environmental impact, presence of salmonids, we will hold carriage of the file.

Don has agreed to do the admin follow up associated. I will leave it between the two of you to determine how to proceed.

Please ensure a COORS report is completed, and the below info from E&M is included in the file.

Many thanks

Inspector Murray Smith/Conservation Officer Service/South Coast Region/604-885-5723

From: Karn, David GCPE:EX
Sent: Tuesday, February 20, 2018 11:59 AM
To: Smith, Murray J ENV:EX
Subject: FW: ENV Media Request: Lafarge quarry landslide

FYI

From: Dalal, Suntanu GCPE:EX

Sent: Monday, February 19, 2018 10:19 AM
To: Karn, David GCPE:EX
Cc: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: FW: ENV Media Request: Lafarge quarry landslide

This is working its way through approvals with our program...does ENV have anything to add?

Reporter: Tyler Olsen, Abbotsford News

Deadline: Noon, Tuesday, Feb. 20

Request: Driving from Chilliwack to Abbotsford, I've noticed what appears to be a landslide on a ridge of a hill in close proximity to a quarry. Here's a google link to the exact location:
<https://www.google.ca/maps/place/Abbotsford,+BC/@49.0680173,-122.1773891,2087a.35y,270h/data=!3m1!1e3!4m5!3m4!1s0x548435c6706ab783:0x50135152a7b0560!8m2!3d49.0504377!4d-122.3044697>

I'm unclear as to who, exactly, is the operator.

Do you have any information about this apparent landslide, including when it occurred, and what was the cause?

Recommendation: Have GCPE provide information on background by email.

Response:

- Following a blast at the Lafarge Ward Road Quarry on Jan. 26, a mass of overburden/soil slid downhill toward a local creek.
- A geotechnical engineering consultant was on site on Jan. 27 to assess the landslide and the stability of the slope. The assessment report concludes the landslide stopped approximately 70 metres from the bank of the creek and remained within the mine boundary, no soil or sediment from the landslide reached the creek, and the main landslide deposit appears stable but no work should be carried-out on the slope until further assessment is completed.
- Starting on Jan. 26 until Feb. 8, the quarry excavated material from the top of the slide in order to reduce the potential for this material to slide down the slope.
- Two rows of silt fencing have been placed beneath the slide to catch any soil that may erode from the slide and straw matting was placed on the upper portion of the slide to help prevent erosion on the slide material.
- A stop-work order restricting any further blasting in this area of the quarry has been issued by the Ministry of Energy, Mines and Petroleum Resources, and will remain in place until a design plan prepared by a qualified engineer is submitted and reviewed by the ministry.
- A provincial Mines Inspector visited the site on Jan. 29 and February 6th. The inspections confirmed the summary and conclusions from the geotechnical engineering consultant's report.
- Lafarge was required to submit the design plan for resumption of quarrying (as noted above), an investigation report of the incident and the geotechnical engineering consultant's assessment report.

From: David Karn [<mailto:David.Karn@gov.bc.ca>]
Sent: Monday, February 19, 2018 10:16 AM
To: Karn, David GCPE:EX
Cc: Dalal, Suntanu GCPE:EX; Haslam, David GCPE:EX
Subject: ENV Media Request: Lafarge quarry landslide

Reporter

Tyler Olsen, Reporter
Abbotsford News
tolsen@abbynews.com
604-851-4529

Deadline ASAP

Request

On Jan. 26, a blast at Lafarge's quarry on Sumas Mountain left an Abbotsford landslide looking like this. I've been in contact with Suntanu with the mines ministry, but was hoping you could tell me if MoE is involved in anything regarding the area or the stream at the bottom of the ravine.

I've got the basics from Lafarge, but am looking for more info since the province is involved. (Also, since a quarry blast in Chilliwack last year led to a landslide there and forced the evacuation of some homes.)

Background

Recommendation



Case Summary

Details

Case File #:	201800952	Opened Date:	2018-02-20 01:32 PM
Category:	CO SERVICE	Discovery Date:	2018-01-26
Type:	FORESTS (HABITAT)	Closed Date:	
Status:	Open	Admin Org Unit:	FRASER NORTH ZONE
Opened By:	STAHL, DON : 2950	Source:	
Lead Investigator:	STAHL, DON : 2950	Source Ref #:	
Lead Investigator's Phone:		Other Source Agency:	
Major Case:	No	Transferred to Agency:	
Paper File Created:	No	Other Transferred Agency:	
Electronic Case File:	No	Joint Investigation:	No
Investigation Review Process:	No	Transferred Agency Contact:	
Investigation Review Date:		Lead Agency:	MINISTRY OF ENVIRONMENT
Investigation Start Date:	2018-01-26	Joint Agency:	MINISTRY OF ENVIRONMENT
Joint Agency Contact:		Joint Agency Phone:	
Other Joint Agency:		Joint Agency Case No:	
Case Description:	NORTH END ELDRIDGE RD. ON SUMAS MOUNTAIN OFFENSE DETAILS: CALLER LIVES AT s.22 AND CAN SEE A LARGE LANDSLIDE DOWN FROM A QUARRY ABOUT 1 KM WEST OF HIS PROPERTY. HE DOES NOT BELIEVE IT HAS AFFECTED ANY PRIVATE PROPERTIES, OR ROADS, AND DOES THINK IT WAS CAUSED BY BLASTING AT THE QUARRY AND THAT THE ROCK HAS BLOCKED A SALMON BEARING CREEK.		

Members:

Name	Phone Number	Start Date	End Date
STAHL, DON : 2950		2018-02-20	2028-02-18

Parties Involved:

Name	DOB	Role	Nature of Involvement	Phone No.	Address
s.22		COMPLAINANT	WITNESS		s.22
UNKNOWN, UNKNOWN		SUSPECT			

Sites:

Site	Site Type	Description
1. 2-4; FRASER NORTH ZONE		MCKAY CREEK - ONE KILOMETER WEST OF s.22 s.22

Notes:

Date	Name	Comments
2018-03-13	SMITH, MURRAY : 15709	REVIEWED BY INSPECTOR SMITH. REQUEST INVESTIGATOR UPDATE FILE..
2018-02-27	HUNTER, TODD : 126914	FILE REVIEWED. MATTER SUI.

Continuation Report:

Date	Time	Name	Report
2018-02-20	14:15	STAHL, DON : 2950	CO Stahl called and left a message (via Front Counter Staff at the Surrey FLNRO office) for Colin Schwindt (FLNRO Senior Aquatic Biologist) asking him to call CO Stahl back (to inquire whether or not there are salmon present in McKay Creek).
2018-02-20	13:30	STAHL, DON : 2950	CO Stahl called and spoke with Tanya Beetles (Environmental Coordinator with the City of Abbotsford), who stated that: <ul style="list-style-type: none"> - the land slide was caused by an "accidental explosion," that occurred in the rock quarry, when an employee placed too much powder into a charge - the Ministry of Mines shut the quarry operation down for a time - that an environmental consultation company (Golder Associates) was hired to provide for on site erosion control - that the situation is pretty much under control.
2018-02-20	13:00	STAHL, DON : 2950	CO Stahl called and spoke to com, who stated that: <ul style="list-style-type: none"> - the slide never reached the creek - the creek is called McKay Creek - that the City of Abbotsford and DFO were also involved with this incident - the slide was about 100 meters long - that white cloth (erosion control cloth) had been laid down over the slide area and then it was sprayed with a "fast growth" seed mixture

Attachments:

Attach#	Description	Photo	File	Attached By	Attached Date
1	EMAIL	No	201800952EMAIL ENV MEDIA REQUEST_LAFARGE QUARY LANDSLIDE.PDF	GUERCIO, ANNA	2018-02-21

Contravention No.1		FISHERIES ACT (CANADA) AND REGULATIONS 35 (1) : HARMFUL ALTERATION, DISRUPTION OF FISH HABITAT	
Species:			
Est. Incident Date	2018-01-26 15:31	Party:	UNKNOWN, UNKNOWN
Site:	1. 2-4; FRASER NORTH ZONE; MCKAY CREEK - ONE KILOMETER WEST OF s.22 ABBOTSFORD	Party Address:	
Enforcement Actions			

Enforcement Action No. 1**Type:**

UNATTENDED

Comments:

LAND SLIDE NEVER REACHED MCKAY CREEK AND THE MINISTRY OF MINES SHUT THE QUARRY DOWN FOR A TIME AND AN ENVIRONMENTAL CONSULTANT COMPANY CAME IN AND HAD EROSION CONTROL DEVICES PUT IN PLACE.

Vehicles: