

Sonia Furstenau 11/13/15 10:29 AM



Sonia Furstenau 11/13/15 10:31 AM



Sonia Furstenau 11/13/15 10:34 AM



Sonia Furstenau 11/13/15 10:35 AM



Sonia Furstenau 11/13/15 10:59 AM



Sonia Furstenau 11/14/15 10:50 AM

Me 11/14/15 10:54 AM

We are relaying a msg to staff now.

Me 11/14/15 10:59 AM

Hi - do you have an exact location? Staff must have samples collected by noon in order to make shipment arrangements to the lab. Thx

Sonia Furstenau 11/14/15 11:01 AM

Right at the bottom of lot 21 just above where it meets the creek. They would just be led to walk to the bottom of lot 21 and they will find the pools and streams of red water.

Sonia Furstenau 11/14/15 11:01 AM

*need

Me 11/14/15 11:42 AM

Thx

Sonia Furstenau 11/14/15 12:03 PM

Also - just think about why the "settling pond" is empty when water is rushing off that site.

1. Engineering failure. Water is flowing all over but NOT going to settling pond
 2. Settling pond is not holding the water because it was not designed properly and there is no liner underneath - water is leaching out from underneath and into the creek on cvrd.
- This is not about coming back and saying everything is fine because water samples come back fine. 8 months into this permit, one rain event, and there is a total failure of the so-called engineering at this site. There is no way to say that this is an acceptable situation.

Sonia Furstenau 11/15/15 11:43 AM

The settling pond does not hold water. Where is the water going, Jennifer? There is no liner, just gravel. Water is pouring out from underground into the stream.

Sonia Furstenau 11/15/15 11:43 AM

Sonia Furstenau 11/15/15 11:47 AM

From the Permit:

[71] According to the final TAR, all surface water, shallow seepage and potential leachate will be managed within the footprint of the existing mine, and discharged to ground along the western property line. Three potential water discharge pathways are addressed in the facility design:

- surface water without potential to contact contaminated soils (non-contact water);
- surface water that may contact contaminated soils in the soil management and treatment area (contact water); and,
- shallow groundwater seepage and/or infiltrating surface water that may contact contaminated soils within the permanent encapsulation area (leachate).

b) Surface Water Management (storm water run-off)

[86] There is no dispute that some surface water (rain or snow) at the Site will come into contact with contaminants: it is unavoidable. The facility's design addresses both contact and non-contact water. The basic plan is to ensure that potentially contaminated water and clean water are kept separate throughout the life of the operation, through the following design.

[87] Non-contact water will be diverted around, and away from, the active area of the landfill (the quarry) and the soil treatment and management area using drainage ditches. The drainage ditches will be constructed around the active perimeter of the landfill cells, and around the soil management and treatment area. These ditches will collect all surface water runoff and discharge it to the settling pond. Flow pathways will be constructed with sufficient capacity to handle the "worst case scenario" of a 1-in-200 year, 24-hour storm, plus melting snowpack.

[88] As noted in the earlier section, any contact water on the pad of the soil treatment and management area will go into catch basins tied to a dedicated reservoir, and then to the water treatment system. Any rainwater (surface water) that comes into contact with the soil management and treatment area will also be diverted into catch basins, and piped to the water treatment area. The collected water will be routinely sampled. The water will be handled in "batches" and either discharged to the settling pond directly (if the samples are clean), or run through the water treatment system and then discharged to the settling pond.

COORS OR#:

na

On scene contact is s.22

13:30 briefed MOE RO (DGIR 152286)

Name (if known)

Description	Sex	Race	Height	Weight
	Eyes	Hair	Glasses	Smoker
	Build	Complexion	Distinguishing Features	
Description	Sex	Race	Height	Weight
	Eyes	Hair	Glasses	Smoker
	Build	Complexion	Distinguishing Features	
Name (if known)				
Description	Sex	Race	Height	Weight
	Eyes	Hair	Glasses	Smoker
	Build	Complexion	Distinguishing Features	
Clothing				
Vehicle				
Weapons				
Other Details				

Notification:
2015-11-13 13:47 Email to: South Island [DUNCAN, VICTORIA] s.17] Sent from
s.17

Case Summary

Details				
Case File #:	201509578	Opened Date:	2015-12-02 09:46 AM	
Category:	CO SERVICE	Discovery Date:	2015-11-13	
Type:	WASTE MANAGEMENT	Closed Date:		
Status:	Open	Admin Org Unit:	SOUTH ISLAND ZONE	
Opened By:	PAUWELS, CHARLENE : 64730	Source:	OBSERVE, RECORD AND REPORT PROGRAM	
Lead Investigator:	KISSINGER, MARK	Source Ref #:	15-5485	
Lead Investigator's Phone:		Other Source Agency:		
Major Case:	No	Transferred to Agency:		
Paper File Created:	No	Other Transferred Agency:		
Joint Investigation:	No			
Investigation Review Process:	No	Transferred Agency Contact:		
Investigation Review Date:		Lead Agency:	MINISTRY OF ENVIRONMENT	
Investigation Start Date:	2015-11-13	Joint Agency:	MINISTRY OF ENVIRONMENT	
Joint Agency Contact:		Joint Agency Phone:		
Other Joint Agency:		Joint Agency Case No:		
Case Description:	ERS 15-5485 TOXIC WASTE SITE AND A TAILINGS POND BREACH.			
Members:				
Name	Phone Number	Start Date	End Date	
KISSINGER, MARK		2015-12-02	2025-11-29	
PAUWELS, CHARLENE : 64730		2015-12-02	2025-11-29	
Parties Involved:				
Name	Role	Nature of Involvement	Phone Number	Address
SOUTH ISLAND AGGREGATES	SUSPECT			STEBBINGS ROAD SHAWNIGAN LAKE BC
Sites:				
Site	Site Type	Description		
1. 1-2; SOUTH ISLAND ZONE		STEBBINGS ROAD QUARRY SOUTH SHAWNIGAN LAKE		
Notes:				
Date	Name	Comments		
Continuation Report:				

Date	Time	Name	Report
2015-11-17	09:30	NORRIS, SCOTT	<p>Sgt Norris received a call from MoE Compliance Officer Laura Hunse requesting COS attendance on the SIA inspection today. COS requested due to large number of protesters on site posing a safety risk for MoE staff.</p> <p>1240 Sgt Norris, CO Kissinger and Laura Hunse attended at SIA and met staff. Only a few protesters located outside the gate. Safety briefing provided by SIA staff. Raining extremely heavily and very windy upon arrival.</p> <p>Attend the soil delivery area with staff - tarps over top of soil and the pad is lined. Water flowing down the mine road way into tributary of Shawnigan Creek. Minimal sedimentation observed and none appeared to be in contact with soil delivery area or contaminated soil area.</p> <p>Attend the quarry area - staff in process of covering the contaminated soil area with tarps due to heavy rain and wind. No runoff water appeared to be leaving the contaminated soil area - water flowing into containment tanks.</p> <p>Attend SW area of the property where water was observed flowing off site. This water did not appear to be coming from anywhere near the contaminated soil area - was running off the hill above. Laura Hunse took effluent samples, CO Kissinger photographed, Sgt Norris labelled bottles. Note, some of the water running off the hill also went back into the SIA site and behind (upstream) the contaminated soil area. This appeared to flow around the site and join the tributary of Shawnigan Creek.</p> <p>Sgt Norris locked samples in his truck.</p> <p>Attended out flow from sedimentation pond - Hunse took effluent samples, CO Kissinger took photographs, Sgt Norris labelled bottles.</p> <p>Sgt Norris and Hunse left the property and attended the tributary of Shawnigan Creek/ Hunse took water samples upstream of the SIA facility. Sgt Norris labelled bottles.</p> <p>Sgt Norris and Hunse delivered the bottles to ACE Courier in Duncan,</p>

Attachments:

Attach#	Description	Photo	File	Attached By	Attached Date
1	ERS 15-5485	No	ERS 15-5485.HTM	PAUWELS, CHARLENE : 64730	2015-12-02

Contravention No.1		ENVIRONMENTAL MANAGEMENT ACT 120 (6) : INTRODUCE WASTE INTO THE ENVIRONMENT WITHOUT COMPLYING WITH PERMIT OR APPROVAL HELD	
Species:			
Est. Incident Date	2015-11-13	Party:	SOUTH ISLAND AGGREGATES
Site:	1. 1-2; SOUTH ISLAND ZONE; STEBBINGS ROAD QUARRY SOUTH SHAWNIGAN LAKE	Party Address:	STEBBINGS ROAD SHAWNIGAN LAKE BC
Enforcement Actions			

Enforcement Action No. 1**Type:**

ADMINISTRATIVE ACTION

Effective Date:

2015-11-13

End Date:**Admin Action Type:**

REFERRED

Comments:

s.13,s.15

Vehicles:

Task # 163850

ERS - DIR - Code 2

role

age over flow

Nov 13/15 @ 13:28 hrs

DIR 152286

460 Stebbing Road, Shawinigan

CRPD

s.22

DFO or MOE SIA (John for Engrs)

CommA

s.22

Spill over berm in Creek is Shawinigan Lake.
Media on scene etc

Code 1

Switchboard

13:30 RO

10-729-3400

2500 Ave

immediately talked to EPO Laura Hunsie - she
said she is dealing with this at the moment
and SIA manager reports this is not a berm
breach. Loss of surface water containment.

13:40 RO

called CommA s.22

is a entrance

to SIA & video camera started to explain the
trucks, mud from trucks, has video.

2 damage

I asked for specifics regarding the berm
breach? s.22 said 2 persons arrested this
AM for criminal mischief s.22 has video

knaps)

of mud coming out of the dump trucks
s.22 said that s.22 is on site at

2 export m)

spill. RO requested s.22 call back @ office

e oil)

ASTP s.22 also stated that s.22 had been

int

* advised by local residence of a huge
mud plume into Shawinigan Lake

RO called Packer n/c mess.

Graham n/c mess.

Harold and briefed.

Harold said to put brief together and notify
11-146 X2

13:55 RO briefed Stacey Sowa EHO @ VHA
stacey.sowa@vha.ca - will keep updated

13:59 RO briefed Keir Cordner EHO @ FNHA
keir.cordner@fnha.ca - will keep updated

14:10 Message @ Pete Craig (SIA) for RO call back

14:06 RO received call from s.22

@ SIA s.22 states that this is not a leaking pond breach. A new stream has shown up and is coming from SIA and running on to CURD property. There has been recent blasting in area on SIA property. Said s.22 thinks this may be just rainwater. s.22 could not or would admit that lake plume is from SIA.

s.22 said all the many creeks in the area are running heavy due to heavy rain locally yesterday. s.22 said all streams in the area are bringing sediment into Shawanigan Lake.

s.22 wanted to send me video - gov address given. Also said s.22 that CURD will be sampling run-off on their property.



14:30 Briefed EMBC Regional Manager
E VINA
updated
14:40 Briefed Harold
Advised to Code down incident
(surface water issue, not waste management
related, follow up will now be through
Regional Operations Branch.)
call back
Code down email @ 13:30 15:10
(as per Harold's Directions / Suggestions)
store
a bag
un up
to
blasting
this
or
rm site
area
in
n 2.17
awing
address
will be

* multiple emails forwarded to Cassandre Cause
1/2 hour OT for notes, log.

Wilson, John MTIC:EX

From: Sonia Furstenau [s.22](#)
Sent: Friday, November 13, 2015 3:13 PM
To: Pridham, Dave ENV:EX
Subject: Video

Hi Dave

Here is the video of the new stream ckming off the SIA site.

Thanks
Sonia

Wilson, John MTIC:EX

From: Sonia Furstenau s.22
Sent: Friday, November 13, 2015 3:43 PM
To: Pridham, Dave ENV:EX
Subject: 20151113_102953.mp4

https://drive.google.com/file/d/0B7NnLS02oRnYVmRvV1U4R0xzMkE/view?usp=docslist_api

Wilson, John MTIC:EX

From: Sonia Furstenau s.22
Sent: Friday, November 13, 2015 2:18 PM
To: Pridham, Dave ENV:EX
Subject: Water at SIA site

Hi Dave

Nice to speak to you. I will send you the video shortly - just need to get home to my computer.

Please don't hesitate to contact me with any questions.

Thanks,
Sonia
s.22