

File No.: 04-1000-20-2019-484

August 27, 2019

s.22(1)

Dear s.22(1)

Re: **Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")**

I am responding to your request of July 26, 2019 for:

Records from February 1, 2019 to February 28, 2019 in relation to a water main failure on February 7, 2019 which caused damage to St. Francis Xavier School located at 428 Great Northern Way.

All responsive records are attached. Some information in the records has been severed, (blacked out), under s.15(1)(i) and s.22(1) of the Act. You can read or download these sections here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00

Under section 52 of the Act you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your request. The Act allows you 30 business days from the date you receive this notice to request a review by writing to: Office of the Information & Privacy Commissioner, info@oipc.bc.ca or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number assigned to your request (#04-1000-20-2019-484); 2) a copy of this letter; 3) a copy of your original request for information sent to the City of Vancouver; and 4) detailed reasons or grounds on which you are seeking the review.

Please do not hesitate to contact the Freedom of Information Office at foi@vancouver.ca if you have any questions.

Yours truly,



Barbara J. Van Fraassen, BA
Director, Access to Information & Privacy

Barbara.vanfraassen@vancouver.ca
453 W. 12th Avenue Vancouver BC V5Y 1V4

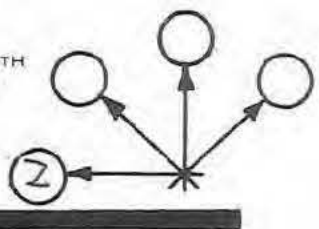
*If you have any questions, please email us at foi@vancouver.ca and we will respond to you as soon as possible. Or you can call the FOI Case Manager at 604.871.6584.

Encl.

:kt

30151

- NOTE -
 DESIGNATE NORTH
 AS REQUIRED



2100 PRINCE EDWARD ST.

WORK ORDER EEW 1055436
 LOCATION ESTH @ PRINCE EDWARD
 FROM _____
 TO _____
 DATE STARTED FEB 7/2019
 DATE FINISHED FEB 8/2019
 KIND OF SOIL CLAY + GRAVEL

 AM'T OF COVER 1.1m
 PIPE SIZE 200 mm
 TYPE CI
 MAKE N/A
 EXISTING PRESSURE _____
 TEST PRESSURE _____
 CLEANED & CHLORINATED YES
 FOREMAN B. WILLIS
 TRUCK NUMBER A2737
 COMMENTS MJ JOINT ON DCL
ARE W.A.R
GLANDS ON CI

200 MM MJ SLEEVE
 45.2 E OF BRUNSWICK
 10.5 N OF S

1.42 M DCL SPOOL PEICE
 45.0 E OF BRUNSWICK
 11.0 M N OF S

200 MM MJ SLEEVE
 44.8 M E OF BRUNSWICK
 12.5 M N OF S

300 E 2ND AV

300 E 2nd Ave

2000 BRUNSWICK ST.

OPERATIONS USE

DESIGN USE

OP'S MAP IMMEDIATE	100' SCALE MAP IMMEDIATE	1200' SCALE MAP	RETURN TO OPS	DATE TO DESIGN OFFICE					OP'S MAP IMMEDIATE	OP'S TRACING IMMEDIATE	100' SCALE MAP IMMEDIATE	1200' SCALE MAP IMMEDIATE	1200' SCALE TRACING	BLOCK PLAN CHECKED	FINAL CHECK

Biln, Manny

From: Spill Reports EEP ENV:EX <spillreports@gov.bc.ca>
Sent: Wednesday, February 27, 2019 10:14 AM
To: Biln, Manny
Subject: Confirmation of Receipt of End-of-Spill Report DGIR 184110

Dear Manny Biln,

Thank you for the submission of the End-of-Spill Report related to Dangerous Goods Incident Report (DGIR) number 184110 which was received on February 15, 2019. The End-of-Spill Report is required by responsible persons as outlined in section 6 of the B.C. Reg. 187/2017 Spill Reporting Regulation. Receipt of this submission has been acknowledged and no further action on this End-of-Spill Report is required at this time.

Should you wish to discuss this matter further, please contact the Environmental Emergency Program's Spill Reporting Clerk, Arlene Miller, at SpillReports@gov.bc.ca.

Sincerely,



Cathy Nicholl
A/Spill Reporting Clerk
Environmental Emergency Program
Report a spill 1-800-663-3456



From: Biln, Manny [<mailto:Manny.Biln@vancouver.ca>]
Sent: Friday, February 15, 2019 1:04 PM
To: Spill Reports EEP ENV:EX
Subject: End Of Spill Report DGIR184110 - Main Break

Hi,

Attached is an End Of Spill Report (184110) for a main break that occurred at 300 E. 2nd on Feb 7, 2019

Thanks,

Manny Biln |Superintendent I| Waterworks Operations
City of Vancouver| t: 604.326.4629



Initial Watermain Failure Notification

Address/Location: 300 Block E 2nd Ave & Prince Edward Street

Reported on: Feb 7, 2019 Time 5:30am

Timeline of Repair: Feb 7, 2019 Time: 7:00am

Pipe Info: Main ☒ (or) Service ☐
Size: 200 mm Type: CI Age of Main: 1951

Parks Board Pipe ☐

Water & Damage Controlled: YES

- | | |
|---|--|
| <input checked="" type="checkbox"/> Main repaired immediately | <input checked="" type="checkbox"/> Main throttled |
| <input checked="" type="checkbox"/> Flooding or damage to Private Property | <input type="checkbox"/> Risk Management involved |
| <input checked="" type="checkbox"/> Traffic Impacted | <input checked="" type="checkbox"/> Severe Damage to road Infrastructure |
| <input type="checkbox"/> Potential Environmental Impacts | <input checked="" type="checkbox"/> Environmental Branch Advised |
| <input checked="" type="checkbox"/> Sodium Thiosulphate Deployed | <input type="checkbox"/> Media on Site |
| <input type="checkbox"/> Potential Safety Issues (Provide Details in the comments) | |
| <input type="checkbox"/> Full shutdown required - Update required once main is repaired | |

Superintendent Responsible for Repair: Jas Brach Phone #: 604 603-2321

Comments:

There is currently a main break on a 200mm CI. The break is located at 300 Block E 2nd Ave & there is damage to city infrastructure (asphalt road). Sodium thiosulphate has been deployed. Crew (C. Bergen) has arrived on site to repair the break. The water main has been throttled and there are approx. 2 properties that are affected.

Great Northern Way is fully reopened to traffic. Ministry of Environmental has been notified **DGIR 184110**.

Update to Minister/End-of-Spill Report Form

Environmental Emergency Program
SpillReports@gov.bc.ca

This report template can be completed to satisfy the requirements of either the End-of-Spill Report or the Update to Minister Report. Please specify which report you are completing in section I of this form. If any of the fields of this form are not applicable to the spill for which this form is being completed, indicate 'N/A' in the field; reports with incomplete fields will be sent back to the responsible person.

End-of-Spill Report: Section 6 of the Spill Reporting Regulation outlines the requirements for the End-of-Spill Report. Responsible persons must submit a written End-of-Spill Report to the Ministry of Environment and Climate Change Strategy within 30 days following the emergency response completion date of a spill as outlined in section 6 (1) of the Spill Reporting Regulation. Responsible persons must submit a written report to the Ministry of Environment and Climate Change Strategy as soon as practicable if either of the following two conditions are present:

1. The spill entered, or was likely to enter, a body of water as defined in the Spill Reporting Regulation
2. The quantity of the substance spilled was, or was likely to be, equal to or greater than the listed quantity for the listed substance as outlined in the Spill Reporting Regulation

Update to Minister Report: Section 5 of the Spill Reporting Regulation outlines the requirements for the Update to Minister Report. Responsible persons must submit a written report to the Ministry of Environment and Climate Change Strategy as soon as practicable if any of the following three conditions are present:

1. On request of the Minister
2. At least once every 30 days after the date that the spill began
3. At any time that the responsible person has reason to believe that information previously reported in the Initial Report has become inaccurate or incomplete

Complete this form and submit it by email to SpillReports@gov.bc.ca. For additional information, please visit the British Columbia [Environmental Emergency Program Report a Spill webpage](#).

Dangerous Goods Incident Report (DGIR) number: 184110

Section I: Type of report

Sections 5 and 6 of Spill Reporting Regulation

This form is completed to satisfy the requirements of the:

☐ Update to Minister Report

☒ End-of-Spill Report

Section II: Contact information

Section 6 (2) (a) of the Spill Reporting Regulation

Details for person filling out the report

Name of company representative: Manny Biln

Company name: City Of Vancouver - Waterworks

Email: manny.biln@vancouver.ca

Address: 250 W.70th Ave Vancouver, BC V5X2X1

Telephone number: 604 326-4629

Details for responsible person Same as above <input checked="" type="checkbox"/>	Name of company representative:
	Company name:
	Email:
	Address:
	Telephone number:
Details for owner of the substance spilled Same as above <input checked="" type="checkbox"/>	Name of company representative:
	Company name:
	Email:
	Address:
	Telephone number:

Section III: Timing of the spill

Section 6 (2) (b) of the Spill Reporting Regulation

Date of spill: 2019-02-07	Time of spill: 5:30am	Duration of the spill (days): Approx. 10
Date reported: 2019-02-07	Emergency response completion date ¹ : 2019-02-07	

Section IV: Site description

Section 6 (2) (c) (d) of the Spill Reporting Regulation

Provide a description of the spill site and the sites affected by the spill. The description of the spill site may include a description of the receiving environment, the proximity to a nearby city/town/roadway, the type of vegetation in the area, how densely populated the area is, accessibility to spill site, nearby waterways, and any other defining characteristics of the area.

300 Blk. E.2nd

Latitude:	Degrees	Minutes	Seconds
Longitude:	Degrees	Minutes	Seconds
or			
Site civic address or location:	Street	intersection of Prince Edward and E.2nd	
	City	Vancouver	Postal Code
or			
DLS or BCNTS (if applicable):	Site ID number (if applicable):		

¹ For the definition of the emergency response completion date, please refer to [B.C. Reg. 187/2017 Spill Reporting Regulation](#)

Section V: Description of the source, type, and quantity of the spill
Section 6 (2) (e) (f) of the Spill Reporting Regulation

Description of the source of the spill (pipeline, rail, truck, facility, etc.):

200mm Cast iron cement lined 1951 water main

Type of substance spilled (common name): Potable Water

United Nations (UN) number of substance spilled (if applicable):

Item number from the table in the Schedule in the Spill Reporting Regulation:

Quantity (in litres or kilograms) of the substance spilled – if the quantity is unknown, provide a reasonable estimate and explain why the quantity is unknown and cannot be determined: 300+ Litres

Section VI: Description of the circumstances, cause, and impacts of the spill
Section 6 (2) (g) (i) (ii) (iii) of the Spill Reporting Regulation

Provide a description of the activity during which the spill occurred (transportation, transfer of cargo, fuelling, cleaning, maintenance, etc.):

Aging infrastructure

Provide a description of the incident leading to the spill (tank rupture, overfill, collision, rollover, derailment, fire, explosion, etc.):

No incident leading to the spill

Provide a description of the underlying cause of the spill (human error, external conditions, organizational or management failure, etc.):

Cold weather/ aging infrastructures

Section VII: Impacts to human health, the environment, and infrastructure
Section 6 (2) (g) (iv) (v) of the Spill Reporting Regulation

Describe any adverse effects of the spill on human health (please state 'N/A' if there were no adverse effects on human health): n/a

Number of people evacuated: n/a

Number of fatalities: n/a

Number of people injured: n/a

Describe any adverse impacts on infrastructure² (please state 'N/A' if there were no adverse impacts to infrastructure): n/a

Impacts to water

Was there an impact to a body of water? ☐ Yes ☒ No

² For the definition of *infrastructure*, refer to section 91.1 of the [Environmental Management Act 2003](#)

Description of impact: n/a	
Describe the body of water (stream, aquifer, fish habitat, naturally formed body of water, ditch, lake, etc.): n/a	
Name of body of water: n/a	
Impacts to the environment	
Was there an impact on flora (vegetation)? <input type="radio"/> YES <input checked="" type="radio"/> NO	If yes, list the common and species names:
Provide a description of the impact on flora (oiled, removed, etc.): n/a	
Was there an impact on fauna (animals)? <input type="radio"/> YES <input checked="" type="radio"/> NO	If yes, list the common and species names: n/a
Provide a description of impact on fauna (include injured, dead, etc.): n/a	
Was there an impact on aquatic and/or terrestrial habitats? <input type="radio"/> YES <input checked="" type="radio"/> NO	If yes, list the type of habitat (riparian, breeding ground, etc.):
Provide a description of impact on aquatic and terrestrial habitats, including response actions taken to restore any of the impacts listed: n/a	

Section VIII: Spill response actions**Section 6 (2) (h) of the Spill Reporting Regulation**

Action taken to comply with section 91.2 of the <i>Environmental Management Act 2003</i>	Who took the action (company, person, contractor, etc.)	Date that the action was taken (click the arrow or enter the date using the format YYYY-MM-DD)
Notified in the prescribed time and manner	A. Sumecki	2019-02-07
Sodium thiosulphate deployed to neutralize chlorine	City Of Vancouver Waterworks Crew	2019-02-07

Section IX: Waste disposal (please state 'N/A' if no waste was produced)**Section 6 (2) (i) of the Spill Reporting Regulation**

List the type of waste	Method of disposal	Location of disposal
Potable water	Sodium thiosulphate	South catch basin just East of

Section X: Attached reports, maps, and photographs**Section 6 (2) (j) (k) of the Spill Reporting Regulation**

Report of results of sampling, testing, monitoring, and/or assessing carried out during spill response actions (including reports from Qualified Professionals), if applicable	Copy attached <input checked="" type="checkbox"/>
Map of the incident site and areas surrounding the incident site (required)	Copy attached <input checked="" type="checkbox"/>
Photographs of the spill (required)	Copy attached <input checked="" type="checkbox"/>

Section XI: Agencies on scene or notified**Section 6 (2) (l) (m) of the Spill Reporting Regulation**

List the names of all agencies that were at the incident site:

City Of Vancouver - Waterworks

List the names of other persons or agencies that were advised about the spill:

Ministry Of Environmental BC

Section XII: Additional comments

Section XIII: Verification of information provided

I confirm that the above information is true and complete.

Name of person completing form:

M. Biln

Date completed (YYYY-MM-DD)

2019-02-15

Name of responsible person (person or company):

City of vancouver

Date completed (YYYY-MM-DD)

2019-02-15

Section XIV: Approval - For internal use only

Reviewed by:

Date completed (YYYY-MM-DD)

Save

Reset Form





Novak, Richard

From: Novak, Richard
Sent: Thursday, February 07, 2019 6:52 AM
To: Narayan, Vince; Brach, Jas; Tack, Dennis; Sumecki, Adrian
Cc: Sydenham, Derek; Hay, Ron; Irvine, Michael; Stevenson, W Mark
Subject: Main Break - Prince Ed & E5

Mocharski - Nightman on site 604-603-2318

Tack stopping by on way in.

Emergency package ordered at National

Ken Louie - Leak Detector

Ed McKeown - going to see if temp feed needs to be done for school (St. Francis Xavier)

Risk Management needs to be called - Mocharski reports there is flooding

MOE needs to be called as more than 200L of water have escaped.

Utility summary:

Prince Ed, E 5, and E 2 are all 8" cast.

Fortis gas main on all streets.

Hydro transmission duct runs north up Prince Ed, goes through the Prince Ed/ E5 / E2 intersection and then to the west along E 2.

Telus up all the way up Prince Ed, kiosks at north end at E5 / E2 intersection.

Novus has duct right through Prince Ed/ E5 / E2 intersection.

Novak, Richard

From: Sydenham, Derek
Sent: Thursday, February 07, 2019 7:01 AM
To: Novak, Richard; Brach, Jas
Subject: FW: Flash Report- Significant - Water main Break

FYI

From: McMillan, Tim
Sent: Thursday, February 07, 2019 6:32 AM
To: Chima, Parvinder; Sanitation - Flash Report - Significant - DL
Cc: Eckland, Jeff; Hoess, Erin; Zupan, Mike; Sanitation Night Shift; Dhillon, Norm; Sydenham, Derek
Subject: RE: Flash Report- Significant - Water main Break

Location: Great Northern Way (From: Main Street to Grant Street)
Date/Time: February 7, 2019 / 5:30 am
Department/Branch: Engineering / Sanitation / Waterworks / Streets / VPD
Classification: Major Water Main Break / Freezing

Description: Superintendent I, Sanitation Emergency truck and staff are on scene for a major water main break. The Sanitation Superintendent immediately contacted Water Works and Streets Operations for support. VPD has closed down the road to allow crews to work and ensure public safety due to water and icy conditions. Salters are on scene and further support staff will arrive shortly. Water Works crews are on scene and attempting to shutdown water. Streets Crews are arriving shortly.

Immediate Preventive Measures: Great Northern Way (closed: Main to Grant)
Stakeholders Involved: Sanitation/Waterworks/Streets/VPD
Public Impact: Road Closure/Flooding/Freezing
Next Planned Update: Further update from Waterworks/Streets

Tim McMillan

A/Superintendent II of Collections
Vancouver Sanitation Services

s.15(1)(1)

tim.mcmillan@vancouver.ca



Green Operations

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Novak, Richard

From: Novak, Richard
Sent: Thursday, February 07, 2019 7:40 AM
To: Narayan, Vince; Brach, Jas; Tack, Dennis; Sumecki, Adrian
Cc: Sydenham, Derek; Hay, Ron; Irvine, Michael; Stevenson, W Mark
Subject: Update 7:35am RE: Main Break - Prince Ed & E5

Sanitation (Tim McMillan) requested to get sweepers out on Great Northern Way to clean up so road can be reopened.

Risk Management (OI-Lun Jackson) advised to send Claims Specialist to site, will be doing around 9am.

MOE contacted re over 200L of water spill, DGIR # 184110.

Possible buildings affected:

428 Great Northern Way - St Xavier School - should have ok 2nd feed off of E5

350 E2 - condo building - should have ok 2nd feed off of 2000 Brunswick

396 E2 - condo building - may need temp feed

From: Novak, Richard
Sent: Thursday, February 07, 2019 6:52 AM
To: Narayan, Vince; Brach, Jas; Tack, Dennis; Sumecki, Adrian
Cc: Sydenham, Derek; Hay, Ron; Irvine, Michael; Stevenson, W Mark
Subject: Main Break - Prince Ed & E5

Mocharski - Nightman on site 604-603-2318

Tack stopping by on way in.

Emergency package ordered at National

Ken Louie - Leak Detector

Ed McKeown - going to see if temp feed needs to be done for school (St. Francis Xavier)

Risk Management needs to be called - Mocharski reports there is flooding

MOE needs to be called as more than 200L of water have escaped.

Utility summary:

Prince Ed, E 5, and E 2 are all 8" cast.

Fortis gas main on all streets.

Hydro transmission duct runs north up Prince Ed, goes through the Prince Ed/ E5 / E2 intersection and then to the west along E 2.

Telus up all the way up Prince Ed, kiosks at north end at E5 / E2 intersection.

Novus has duct right through Prince Ed/ E5 / E2 intersection.

Novak, Richard

From: Novak, Richard
Sent: Thursday, February 07, 2019 10:34 AM
To: WW - Flash Report - SIGNIFICANT - DL
Cc: McMillan, Tim; Ledo, George; Jackson, Oi-Lun; Waterworks Superint. (Group) - DL
Subject: Flash Report - SIGNIFICANT - Waterworks Operations - Water Main break affecting Great Northern Way - REOPENED

DATE/TIME:

Thursday, February 7, 2019 5:30am initial advisory of water main break

LOCATION:

Great Northern Way - water main break just south of Great Northern Way at E5 & Prince Edward

INCIDENT TYPE:

Water main break - road closure, property damage - Great Northern Way FULLY REOPENED

DESCRIPTION:

Great Northern Way was reopened at approximately 9:00am after closure due to water escaping from a water main break (1951 8" cast iron main) which pushed water, mud and gravel downhill onto the roadway and created hazardous icy conditions. Roadway has been de-iced, swept and salted (thank you Streets and Sanitation). Waterworks crews onsite, continuing with clean up and hand salt surrounding affected residential area, including St. Francis Xavier School which was flooded and decided to close today due to the flood damage (Risk Management has been engaged). Water main repair is expected to be completed by end of shift today - this repair work does not affect Great Northern Way, the water main break is on E5th which is south of Great Northern Way.

IMMEDIATE PREVENTATIVE MEASURES:

Great Northern Way de-iced, swept and salted, reopened at 9:00am, water main throttled to limit escaping water to minimum and maintain positive pressure for water main repair (sodium thiosulphate deployed for dechlorination), crews onsite cleaning up mud/gravel and commencing water main repairs, Risk Management engaged.

STAKEHOLDERS INVOLVED:

Sanitation, Streets, VPD, Waterworks, Risk Management

PUBLIC IMPACT:

Great Northern Way fully reopened to vehicle and pedestrian traffic, St Francis Xavier School is closed due to flooding, one condominium building may need a temporary water feed while water main repairs being done (crew onsite to facilitate if needed).

NEXT PLANNED UPDATE:

No update to follow.

Richard Novak
Water Operations, Engineering

From: McMillan, Tim
Sent: Thursday, February 07, 2019 6:32 AM
To: Chima, Parvinder; Sanitation - Flash Report - Significant - DL
Cc: Eckland, Jeff; Hoess, Erin; Zupan, Mike; Sanitation Night Shift; Dhillon, Norm; Sydenham, Derek
Subject: RE: Flash Report- Significant - Water main Break

Location: Great Northern Way (From: Main Street to Grant Street)

Date/Time: February 7, 2019 / 5:30 am

Department/Branch: Engineering / Sanitation / Waterworks / Streets / VPD

Classification: Major Water Main Break / Freezing

Description: Superintendent I, Sanitation Emergency truck and staff are on scene for a major water main break.

The Sanitation Superintendent immediately contacted Water Works and Streets Operations for support. VPD has closed down the road to allow crews to work and ensure public safety due to water and icy conditions. Salters are on scene and further support staff will arrive shortly. Water Works crews are on scene and attempting to shutdown water. Streets Crews are arriving shortly.

Immediate Preventive Measures: Great Northern Way (closed: Main to Grant)

Stakeholders Involved: Sanitation/Waterworks/Streets/VPD

Public Impact: Road Closure/Flooding/Freezing

Next Planned Update: Further update from Waterworks/Streets

Tim McMillan

A/Superintendent II of Collections

Vancouver Sanitation Services

s.15(1)(1)

tim.mcmillan@vancouver.ca



Green Operations

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Initial Watermain Failure Notification

Address/Location: 300 Block E 2nd Ave & Prince Edward Street

Reported on: Feb 7, 2019 Time 5:30am

Timeline of Repair: Feb 7, 2019 Time: 7:00am

Pipe Info: Main ☒ (or) Service ☐
Size: 200 mm Type: CI Age of Main: 1951

Parks Board Pipe ☐

Water & Damage Controlled: YES

- | | |
|---|--|
| <input checked="" type="checkbox"/> Main repaired immediately | <input checked="" type="checkbox"/> Main throttled |
| <input checked="" type="checkbox"/> Flooding or damage to Private Property | <input type="checkbox"/> Risk Management involved |
| <input checked="" type="checkbox"/> Traffic Impacted | <input checked="" type="checkbox"/> Severe Damage to road Infrastructure |
| <input type="checkbox"/> Potential Environmental Impacts | <input checked="" type="checkbox"/> Environmental Branch Advised |
| <input checked="" type="checkbox"/> Sodium Thiosulphate Deployed | <input type="checkbox"/> Media on Site |
| <input type="checkbox"/> Potential Safety Issues (Provide Details in the comments) | |
| <input type="checkbox"/> Full shutdown required - Update required once main is repaired | |

Superintendent Responsible for Repair: Jas Brach Phone #: 604 603-2321

Comments:

There is currently a main break on a 200mm CI. The break is located at 300 Block E 2nd Ave & there is damage to city infrastructure (asphalt road). Sodium thiosulphate has been deployed. Crew (C. Bergen) has arrived on site to repair the break. The water main has been throttled and there are approx. 2 properties that are affected.

Great Northern Way is fully reopened to traffic. Ministry of Environmental has been notified **DGIR 184110**.

Novak, Richard

From: Novak, Richard
Sent: Thursday, February 07, 2019 10:52 AM
To: Roberge, Daniel; Waterworks Superint. (Group) - DL; Sumecki, Adrian; Gregory, Kyle
Subject: Photos from Great Northern Way
Attachments: IMG_8400.jpg; IMG_8401.jpg; IMG_8403.jpg; IMG_8405.jpg; IMG_8406.jpg; IMG_8408.jpg; IMG_8409.jpg; IMG_8410.jpg; IMG_8398.jpg

Just fyi, some photos around St Francis Xavier School and Great Northern Way.









s.22(1)











Novak, Richard

From: Sumecki, Adrian
Sent: Thursday, February 07, 2019 2:21 PM
To: Waterworks Superint. (Group) - DL; Roberge, Daniel; Hildebrandt, Brandon; Environmental Protection (COV) - DL; Road Ahead Administrator; Plant, Sherwood; Brown, Steve; Chou, Winston; Robinson, Doug (Street Operations); Ledo, George; Matharu, Upkar; Jackson, Oi-Lun
Subject: Watermain Break Report: 300 Block E2nd Ave & Price Edward St
Attachments: 300 Block E2nd Ave & Price Edward St.pdf; IMG_8409.jpg; IMG_8398.jpg; IMG_8405.jpg

There is currently a main break on a 200mm CI pipe located at 300 Block E 2nd Ave and there is damage to City infrastructure (asphalt road). Sodium thiosulphate has been deployed. Crew (C. Bergen) has arrived on site to repair the break. The water main has been throttled and there are approx. 2 properties that are affected. Water service is expected to be fully restored by 3:30 PM. Great Northern Way is fully reopened to traffic. Ministry of Environmental has been notified **DGIR 184110**.

Regards,
Adrian Sumecki, Waterworks Operations Acting – Superintendent 1



Initial Watermain Failure Notification

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Reported on: Feb 7, 2019 Time 5:30am

Timeline of Repair: Feb 7, 2019 Time: 7:00am

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Parks Board Pipe ☐

Water & Damage Controlled: YES

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|---|--|
| <input checked="" type="checkbox"/> Main repaired immediately | <input checked="" type="checkbox"/> Main throttled |
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| <input type="checkbox"/> Full shutdown required - Update required once main is repaired | |

Superintendent Responsible for Repair: Jas Brach Phone #: 604 603-2321

Comments:

There is currently a main break on a 200mm CI. The break is located at 300 Block E 2nd Ave & there is damage to city infrastructure (asphalt road). Sodium thiosulphate has been deployed. Crew (C. Bergen) has arrived on site to repair the break. The water main has been throttled and there are approx. 2 properties that are affected.

311 Service Request Status

311 Case #:

Service Request #: [1408211](#)

Request Type: WCheckForLeakCFL

Sub Type: xWMainBreak

Water Check For Leak (CFL)

Call Date: 2019/02/07 5:42 AM

Request Date: 2019/02/07 5:51 AM

Reviewed Date: 2019/02/07 8:04 AM

Crew Assignment Date:

Due Date:

Resolved Date: 2019/02/08 12:00 AM

Request Status: **Resolved**

Resolution Code and Description: 10 - Service Provided

Request Location: PRINCE EDWARD ST at E 2ND AV

Contact Name:

Contact First, Mi:

Contact Phone:

Lagan Case Details:

Lagan eForm:

Service Request Log Results

Log Type	Started Date	Hansen User Name	Comments
Lagan ECM	2019/02/07 6:20 AM	LEAH SAND (SAN50)	BC Ambulance wants a phone call when the area that is closed (Prince Edward to Brunswick on 5th and Great Northern Way) is open again. 604-872-5151
Lagan ECM	2019/02/07 6:26 AM	LEAH SAND (SAN50)	BC One Call Ticket Number 2019060856
Lagan ECM	2019/02/07 7:23 AM	JORDAN LEE (GAW21)	BC one number 2019060856
Lagan ECM	2019/02/08 2:19 PM	JORDAN LEE (GAW21)	Main Repaired

Related Work Orders

Work Order #	Activity	Description	Created Date	Initiated Date	Completed Date
1055436	WMABreak	300 E 2nd Main BreakMain break (major) <div> </div> <div>Main repaired</div>	2019/02/07 7:34 AM	2019/02/07 12:00 AM	2019/02/08 2:19 PM
1055583	WSEmtc	E 5th & Prince Ed MA BREAKShut off NLV @ E 5 <div>Shut off NLV @ E 6th & Prince Ed</div> <div>Leak det on site</div> <div>Package created</div>	2019/02/07 10:14 AM	2019/02/07 12:00 AM	2019/02/07 12:00 AM

Water Work Slip

ENTERED

SAP Charge #		Address & Location:		Assigned Date	
EEW 1055436		E5TH + PR EDWARD		02/07/2019	
Work Order #		Work Order Description		Assigned To	
				M. Macfarlane	
Group Project #		Problem	Sub Activity	Responsible	Assigned Crew #
		BRL / MAIN			D 1047
Service Request #				311 Case #	
1408211					
Incident Date		Contact Name		Contact	Alternate #
Work Order Comments: Broken 8" CI MAIN.					
Ref #1		Ref #2			
Asset Type		Asset ID #	B.U.N	Asset Status	Map # (Facet)
Asset Details:					
Asset & Safety Comments:					
CREW - DESCRIBE THE PROBLEMS YOU FOUND AND WORK COMPLETED					
<input type="checkbox"/> Property Leak <input type="checkbox"/> 96 HR Notice <input type="checkbox"/> 192 HR Notice <input type="checkbox"/> Drainage <input checked="" type="checkbox"/> Cityside Leak Lo / Mod / Hi					
385- SLO ELV @ 5TH SLO NLV @ E 6TH + PR EDWARD, UTILITIES PACKAGE ON ORDER CREW ONSITE TO REPAIR. LEAK DETECTOR ONSITE.					
CREW & SUPT - FURTHER WORK OR REFERRAL REQUIRED: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (IF YES - PROVIDE DETAILS)					
Still Leaking?		Where is water running?			
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input checked="" type="checkbox"/> Street <input type="checkbox"/> Sidewalk <input type="checkbox"/> Boulevard <input type="checkbox"/> None			
REPAIR 8" CI MAIN (crews all on route already)					
SIGN-OFF					
Attended By: M. Macfarlane				Supt. Sign-off: _____	
Date Attended: 02/07/2019		Crew #: D1047		Supt. Sign-off Date: Feb 7/19	

WW FAILURE REPORT

75mm and LARGER



MAIN



FIRELINE



LEAK



BREAK

Address: E 2nd Ave + P. Edward

SR #: 1408211

Repair By: B. Wallis A2737

WO #: EEW1055436

Repair Date: 07 / 07 / 2019

Hansen

Update:

Name m / d / y

PIPE INFO

Size (mm): 200

Material: CI

Year: N/A

Type of Joint: Lead

Lined? Y / N

FAILURE LOCATION

Short (m): 11m N/S Long (m): 452m E/Banwell Depth (m): 1.2m

Distance of Leak from Mark (m): Ø

☐ Parks Board Pipe?

EXISTING SOIL

☐ Imported Sand

☒ Native Sand/Gravel

☐ Imported 25mm Minus

☐ Native Rock

☐ Native Clay/Silt

FAILURE TYPE

☐ Split

☒ Blowout

☐ Broken Back

☐ Pit Hole

☐ Joint Leak

FAILURE CAUSE

☐ Tree Roots

☐ On Rock/Blocking

☐ Thrust Restraint

☒ Corrosion

☐ Fitting Loose

☐ Contractor Damage

☐ Machine Damage

☐ Utility Pipe/Duct/Trench Too Close utility name: specify

☐ Sewer Pipe or Trench Crossing Under Water Main

CONTAMINATION RISK

☒ Low - Positive pressure maintained during break and repair

☐ Medium - Positive pressure during break, controlled shutdown for repair (Trench water level kept below break for duration of shutdown)

☐ High - Positive pressure NOT maintained during break or trench soil/water makes contact with break during shutdown

- Contact a superintendent for all high risk contaminations

REPAIR

☒ Replaced Section

☐ Repair Clamp

☐ Total Renewal

☐ Plug

☐ Re-Cork

☐ Tighten Restraint

DIG METHOD

☐ Hand

☐ Backhoe

☒ Hydro-Vac

JOB NOTES

Sent to WD.

#2019-0065.

SEVERITY

MAJOR

☒

MODERATE

MINOR

LEAK SURVEY REPORT

75mm and LARGER

Address: E 5th @ Prince Edward SR #: 1408211

Detected By: Louie K Truck D1089 WO #: EEW 1054856

Detect Date: 02 / 07 / 2019

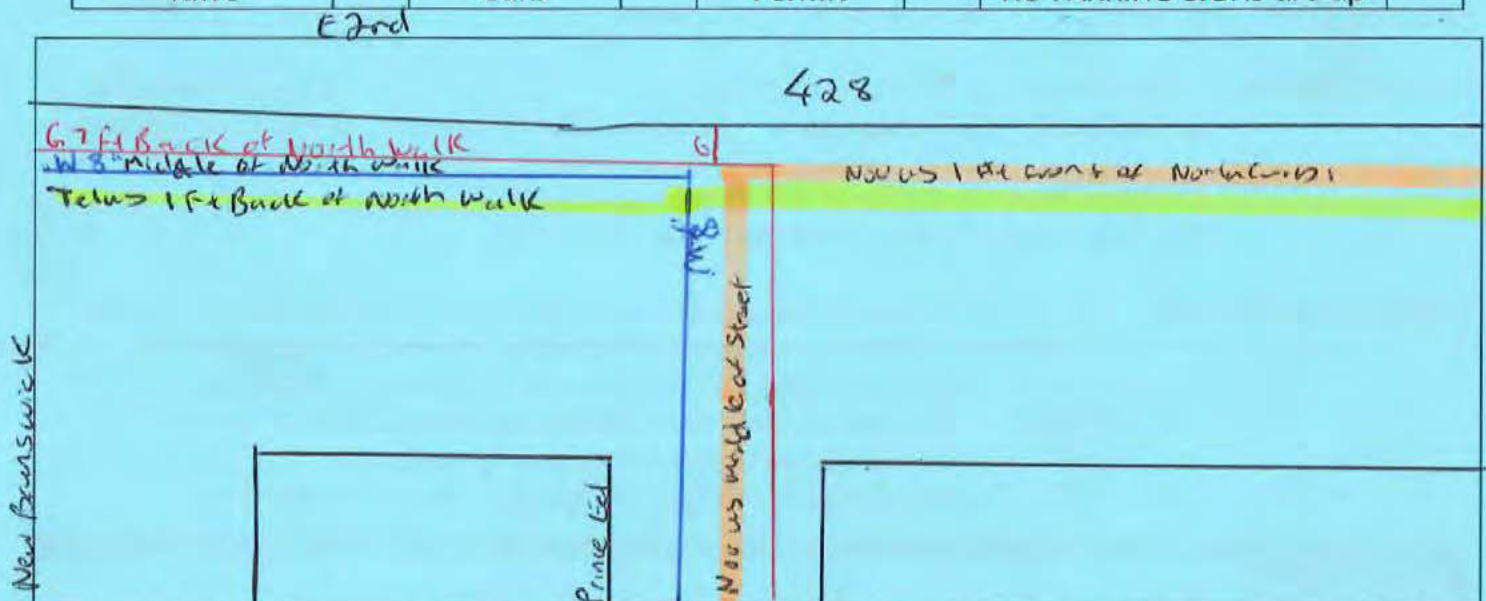
M-Scoper: Louie K Truck D1089

SEVERITY	
MAJOR	<input checked="" type="checkbox"/>
MODERATE	<input type="checkbox"/>
MINOR	<input type="checkbox"/>

LEAK FIRST REPORTED BY: ☐ Customer ☐ Crew ☐ Proactive Leak Detection

RECOMMENDED REPAIR METHOD: ☐ Hand ☐ Backhoe ☐ Hydro-Vac

WHAT FAILED?		SURFACE?		PROBLEMS?		TRAFFIC & PARKING?	
Main Leak	<input checked="" type="checkbox"/>	Asphalt	<input type="checkbox"/>	Tree	<input checked="" type="checkbox"/>	FLAG PERSONNEL needed	<input type="checkbox"/>
Main Break	<input checked="" type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Utility	<input checked="" type="checkbox"/>	BUS STOP to move	<input type="checkbox"/>
Fireline Leak	<input type="checkbox"/>	Sidewalk	<input checked="" type="checkbox"/>	Depth	<input type="checkbox"/>	BIKE ROUTE to move	<input type="checkbox"/>
Fireline Break	<input type="checkbox"/>	Boulevard	<input checked="" type="checkbox"/>	Inspector	<input type="checkbox"/>	PARKING METERS to hood	<input type="checkbox"/>
Valve	<input type="checkbox"/>	Curb	<input type="checkbox"/>	Permit	<input type="checkbox"/>	NO PARKING SIGNS are up	<input type="checkbox"/>



COMMENTS and EQUIPMENT/PERSONNEL THAT WILL BE NEEDED FOR REPAIR JOB:

Requires hydrovac.



Water Work Slip

SAP Charge #	Address & Location: E 5TH AV at ST. GEORGE ST COVAV E 5th avenue and Prince Edward			Assigned Date
EEW1055436				2019/02/07
Work Order #	Work Order Description			Assigned To
1055436	300 E 2nd Main Break (Main - Break)			BRETT WILLIS
Group Project #	Problem	Sub Activity	Responsible	Assigned Crew #
	WMainBreak	WMnBreak	Water Operations	Services
Service Request #				311 Case #
1408211Water Check For Leak (CFL)				
Incident Date	Contact Name		Contact Phone #	Alternate #
2019/02/07				
Work Order Comments: Main break (major) SR - Large water main break at E 5th av and Prince Edward.				
Ref #1	Ref #2			
Asset Type	Asset ID #	B.U.N	Asset Status	Map # (Facet)
()				
Asset Details:				
Asset & Safety Comments:				
CREW - DESCRIBE THE PROBLEMS YOU FOUND AND WORK COMPLETED				
<input type="checkbox"/> Property Leak <input type="checkbox"/> 96 HR Notice <input type="checkbox"/> 192 HR Notice <input type="checkbox"/> Drainage <input type="checkbox"/> Cityside Leak Lo / Mod / Hi				
BLOWOUT ON 8" CI MAIN REPAIRED WITH (2) MJ SLEEVES AND A SPOOL PEICE OF DICK PIPE				
CREW & SUPT - FURTHER WORK OR REFERRAL REQUIRED: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (IF YES - PROVIDE DETAILS)				
Still Leaking?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Where is water running? <input type="checkbox"/> Street <input type="checkbox"/> Sidewalk <input type="checkbox"/> Boulevard <input type="checkbox"/> None		
SIGN-OFF				
Attended By: B. WILLIS	Supt. Sign-off:			
Date Attended: FEB 7/19	Crew #: A2737	Supt. Sign-off Date:	FEB 11/19	