

FRASER VALLEY REGIONAL DISTRICT



BOARD OF DIRECTORS

MERGED OPEN MEETING AGENDA AND ADDENDA

Wednesday, January 24, 2018
(Immediately following the FVRHD Open Meeting)
FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

Pages

1. CALL TO ORDER

2. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

MOTION FOR CONSIDERATION

THAT the Agenda, Addenda and Late Items for the Fraser Valley Regional District Board Open Meeting of January 24, 2018 be approved;

AND THAT all delegations, reports, correspondence, committee and commission minutes, and other information set to the Agenda be received for information.

3. DELEGATIONS AND PRESENTATIONS

3.1 Agricultural Economy in the Fraser Valley Snapshot Update

18 - 40

- Presentation by Staff
- Corporate report dated January 10, 2018 from Alison Stewart, Manager of Strategic Planning
- *Agricultural Economy in the Fraser Valley Regional District Snapshot*

4. BOARD MINUTES & MATTERS ARISING

4.1 Board Meeting - December 20, 2017

41 - 59

All/Unweighted

MOTION FOR CONSIDERATION

THAT the Minutes of the Fraser Valley Regional District Board Open Meeting of December 20, 2017 be adopted.

5.	COMMITTEE AND COMMISSION MINUTES FOR INFORMATION AND MATTERS ARISING	
5.1	<u>Regional and Corporate Services Committee - December 12, 2017</u>	60 - 65
5.2	<u>Draft Regional and Corporate Services Committee Meeting - January 10, 2018</u>	66 - 71
5.3	<u>Electoral Area Services Committee - December 12, 2017</u>	72 - 81
5.4	<u>Draft Electoral Area Services Committee - January 10, 2018</u>	82 - 87
5.5	<u>Draft Fraser Valley Aboriginal Relations Committee - December 6, 2017</u>	88 - 92
5.6	<u>Draft Recreation, Culture and Airpark Services Commission - December 13, 2017</u>	93 - 97
5.7	<u>Internal Affairs Committee Open Meeting - December 20, 2017</u>	98 - 99
6.	CORPORATE ADMINISTRATION	
6.1	<u>LMLGA - 2018 Call for Nominations</u>	100 - 102
	<ul style="list-style-type: none"> • Notice from LMLGA dated January 10, 2018 • Deadline for receipt of Nominations - Friday, March 30, 2018 	
6.2	<u>LMLGA - 2018 Call for Resolutions - Annual General Meeting</u>	103 - 106
	<ul style="list-style-type: none"> • Notice from LMLGA dated January 10, 2018 • Deadline for receipt of Resolutions - Friday, March 23, 2018 	
6.3	<u>LMLGA AGM and Conference: May 9 to 11, 2018, Whistler BC</u>	107 - 108
	<i>All/Unweighted</i>	
	<ul style="list-style-type: none"> • Corporate report dated January 24, 2018 from Jaime Schween, Manager of Corporate Administration 	
	<u>MOTION FOR CONSIDERATION</u>	
	THAT the Fraser Valley Regional District Board authorize the Board Chair, Board Vice-Chair and Chief Administrative Officer to attend the 2018 LMLGA AGM and Conference to be held in Whistler, BC from May 9 to 11, 2018;	
	AND THAT registration fees, accommodation and travel costs be approved from Budget 101.	
6.4	<u>Electoral Area Director Attendance at LMLGA AGM and Conference: May 9 to 11, 2018, Whistler BC</u>	109 - 110

EAs/Unweighted

- Corporate report dated January 24, 2018 from Jaime Schween, Manager of Corporate Administration

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board authorize Electoral Area Directors as designated to attend the 2018 LMLGA AGM and Conference to be held in Whistler, BC from May 9 to 11, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 102.

6.5 FCM Annual Conference, Halifax, Nova Scotia: May 31 to June 3, 2018 111 - 112

All/Unweighted

- Corporate report dated January 24, 2018 from Jaime Schween, Manager of Corporate Administration

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board authorize the Board Chair, Board Vice-Chair and Chief Administrative Officer to attend the FCM Annual Conference and Trade Show to be held in Halifax, Nova Scotia from May 31 to June 3, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 101.

6.6 FCM Annual Conference, Halifax, Nova Scotia: May 31 to June 3, 2018 113 - 114

EAs/Unweighted

- Corporate report dated January 24, 2018 from Jaime Schween, Manager of Corporate Administration

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board authorize Electoral Area Directors, as designated, to attend the FCM Annual Conference and Trade Show to be held in Halifax, Nova Scotia from May 31 to June 3, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 102.

6.7 2018 General Local Elections 115 - 116

All/Unweighted

- Corporate report dated January 24, 2018 from Paul Gipps, Chief

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board appoint Jaime Schween as the Chief Election Officer for the purposes of the 2018 general local elections;

AND THAT Pam Loat and Tina Mooney be appointed as Deputy Election Officers for the purposes of the 2018 general local elections.

- 6.8 Proposed Amendment to FVRD Travel and Other Expenses Policy 117 - 127

All/Unweighted

- Corporate report dated January 10, 2018 from Paul Gipps, Chief Administrative Officer
- Proposed draft amended Travel and Other Expenses Policy
- Travel and Other Expenses Policy as at September 29, 2015

MOTION FOR CONSIDERATION

[RACS 2018-003] [EASC 2018-003] THAT the Fraser Valley Regional District Board adopt the amended draft Travel and Other Expenses Policy.

- 6.9 Board Addenda Items and Deadlines 128 - 129

FOR INFORMATION ONLY

- Corporate report dated January 24, 2018 from Paul Gipps, Chief Administrative Officer

- 6.10 Appointment of Fire Chief for Yale and District Volunteer Fire Department 130 - 130

All/Unweighted

- Corporate report dated January 24, 2018 from Reg Dyck, Manager Electoral Area Emergency Services

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District appoint Bruce Marshall as Fire Chief for Yale and District Volunteer Fire Department in accordance with the *Fraser Valley Regional District Electoral Area Volunteer Fire Department Establishment and Regulation Bylaw No. 1198, 2013*.

- 6.11 Appointment of Volunteer Fire Department Members 131 - 132

All/Unweighted

- Corporate report dated January 24, 2018 from Reg Dyck, Manager Electoral Area Emergency Services

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board appoint the following volunteer fire department recruit members in accordance with the *Fraser Valley Regional District Electoral Area Volunteer Fire Department Establishment and Regulation Bylaw No. 1198, 2013*.

North Fraser VFD

Evan Stevens

Yale and District VFD

Robert Giles

Patricia Garner

Alfonso Cuilla

Kalwant Cuilla

7. FINANCE

No Items

8. BYLAWS

- 8.1** Lake Errock Water Supply and Distribution System Service Area Amendment 133 - 139
 Bylaw No. 1443, 2017, Electoral Area C

All/Unweighted

- Corporate report dated November 28, 2017 from Sterling Chan, Manager of Engineering & Infrastructure - background information
- Draft Bylaw No. 1443, 2017

MOTION FOR CONSIDERATION

That the Fraser Valley Regional District Board consider adopting the bylaw cited as *Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017*.

- 8.2** Lake Errock Water System Capital Construction Service Area Establishment 140 - 143
 Bylaw No. 1444, 2017, Electoral Area C

Adoption - All/Unweighted

- Refer to report in item 8.1
- Draft Bylaw No. 1444, 2017
- Statutory Approval dated December 29, 2017

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board consider adopting the bylaw

cited as *Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017*.

- 8.3 Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017, Electoral Area C 144 - 146

Adoption - All/Weighted

- Refer to report in item 8.1
- Draft Bylaw 1445, 2017
- Statutory Approval dated December 29, 2017

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board consider adopting the bylaw cited as *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017*.

- 8.4 FVRD Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017, Electoral Area F 147 - 153

Motion No. 1: First Reading - All/Unweighted

Motion No. 2: Second & Third Reading - All/Unweighted

- Corporate report dated January 24, 2018 from Sterling Chan, Manager of Engineering and Infrastructure
- Draft Bylaw No. 1433, 2017

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited as *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017*.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited as *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017*.

- 8.5 FVRD Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017, Electoral Area F 154 - 156

Motion No. 1: First Reading - All/Unweighted

Motion No. 2: Second & Third Reading - All/Unweighted

- Refer to report in item 8.4
- Draft Bylaw No. 1434, 2017

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017*.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017*.

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| 8.6 | <u>FVRD Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017, Electoral Area F</u> | 157 - 158 |
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Motion No. 1: First Reading - All/Weighted

Motion No. 2: Second & Third Reading - All/Weighted

- Refer to report in item 8.4
- Draft Bylaw No. 1435, 2017

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017*.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017*.

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| 8.7 | <u>Amendment to Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017</u> | 159 - 163 |
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Motion No. 1: Rescind Third Reading - All/Unweighted

Motion No. 2: Give New Third Reading - All/Unweighted

- Corporate report dated January 24, 2018 from Paul Gipps, Chief Administrative Officer
- Draft Bylaw No. 1454, 2017

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the motion granting third reading to the bylaw cited as *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017* be rescinded.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017* be given a new third reading.

- 8.8** Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No. 1453, 2017 164 - 169

Adoption - All/Unweighted

- Corporate report dated November 16, 2017 from Mike Veenbaas, Director of Financial Services - background information
- Draft Bylaw No. 1453, 2017
- Statutory Approval dated December 29, 2017

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board consider adopting the bylaw cited as *Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No. 1453, 2017*.

- 8.9** Official Community Plan amendment Bylaw 1460 2017 - To facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area 'H' into a single family residential subdivision. 170 - 243

Motion No. 1: First Reading - EAs/Unweighed

Motion No. 2: EAs/Unweighted

Motion No. 3: EAs/Unweighted

Motion No. 4: All/Weighted

- Corporate report dated January 10, 2018 from David Bennett, Planner II

- Geo-Hazard Assurance Statement
- Draft Bylaw No. 1460, 2017
- Geotechnical Recommendation - Thurber Engineering Ltd.
- Redacted Application - Zoning
- Redacted Application - Zoning Amendment

MOTION FOR CONSIDERATION

MOTION NO. 1: [EASC 2018-005] THAT the Fraser Valley Regional District Board consider giving first reading to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision.

MOTION FOR CONSIDERATION

MOTION NO. 2: [EASC 2018-005] THAT *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* be forwarded to Public Hearing;

THAT the Fraser Valley Regional District Board delegate the holding of the Public Hearing with respect to proposed *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* to Director Taryn Dixon, or her Alternate in her absence;

THAT Director Dixon, or her Alternate in her absence, preside over and Chair the Public Hearing with respect to proposed Bylaw 1460, 2017;

THAT the Chair of the Public Hearing be authorized to establish procedural rules for the conduct of the Public Hearing with respect to proposed Bylaw 1460, 2017 in accordance with the Local Government Act.

MOTION FOR CONSIDERATION

MOTION NO. 3: [EASC 2017-005] THAT in accordance with Section 475 of the Local Government Act and FVRD policy First Nations Engagement on FVRD Land use by-laws and other matters with statutory requirement to engage, a notice and referral of Official Community Plan Amendment Bylaw No. 1460, 2017 be sent to potentially affected First Nations via the Stó:lo Connect referral system where possible;

THAT in accordance with Section 475 of the Local Government Act, the Fraser Valley Regional District Board adopt the Official Community Plan consultation strategy as outlined in the staff memorandum dated January 10, 2018 for Bylaw 1460, 2017. The consultation strategy includes a notice and referral to the Stó:lo Connect referral system and the Ministry of Transportation and Infrastructure;

AND THAT the Fraser Valley Regional District Board consider that Official Community Plan Amendment Bylaw No. 1460, 2017 is consistent with the FVRD financial plan and FVRD waste management plan.

MOTION FOR CONSIDERATION

MOTION NO. 4: [EASC 2018-005] THAT the Fraser Valley Regional District Board authorize its signatories to execute all documents relating to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and any associated applications

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|------|--|-----------|
| 8.10 | <u>Zoning Amendment Bylaw No. 1461, 2017 - To facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision.</u> | 244 - 246 |
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Motion No. 1: First Reading - EAs/Unweighted

Motion No. 2: EAs/Unweighted

Motion No. 3: All/Weighted

- *Refer to documentation in item 8.9*
- *Draft Bylaw No. 1461,2017*

MOTION FOR CONSIDERATION

MOTION NO. 1: [EASC 2018-005] THAT the Fraser Valley Regional District Board consider giving first reading to *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision.

MOTION FOR CONSIDERATION

MOTION NO. 2: [EASC 2018-005] THAT *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* be forwarded to Public Hearing;

THAT the Fraser Valley Regional District Board delegate the holding of the Public Hearing with respect to proposed *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to Director Taryn Dixon, or her Alternate in her absence;

THAT Director Dixon, or her Alternate in her absence, preside over and Chair the Public Hearing with respect to proposed Bylaw 1461, 2017;

AND THAT the Chair of the Public Hearing be authorized to establish procedural rules for the conduct of the Public Hearing with respect to proposed Bylaw No. 1461, 2017 in accordance with the Local Government Act.

MOTION FOR CONSIDERATION

MOTION NO. 3: [EASC 2018-005] THAT the Fraser Valley Regional District Board authorize its signatories to execute all documents relating to *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* and any associated applications.

9. PERMITS

[OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO BE HEARD]

- 9.1 Development Variance Permit 2017-28 to Reduce the Setback for an Agricultural Building at 36716 Allcott Road, Electoral Area 'G' 247 - 259

EAs/Unweighted

- Corporate report dated January 10, 2018 from Johannes Bendle, Planner I
- Draft DVP 2017-28
- Redacted Application

MOTION FOR CONSIDERATION

[EASC 2018-004] THAT the Fraser Valley Regional District Board issue Development Variance Permit 2017-28 to vary the side lot line setback from 30 metres to 20 metres to permit the construction of a chicken barn at 36716 Allcott Road, Electoral Area “G”, subject to consideration of any comments or concerns raised by the public.

10. CONTRACTS, COVENANTS AND OTHER AGREEMENTS

- 10.1 Chaumox Road Landfill (Area A) - Proposed Renewal of Operation and Maintenance Agreement between the FVRD and the Boston Bar Area A Landfill Society 260 - 264

All/Weighted

- Corporate report dated January 24, 2018 from Suzanne Gresham, Director of Corporate Initiatives

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board authorize its signatories to enter into an Operation and Maintenance Agreement [“Agreement”] with the *Boston Bar Area A Landfill Society* [“*Landfill Society*”] for the operation and maintenance of the Chaumox Road Landfill for a 10 year term commencing on February 1, 2018 with an option to renew for a further five year term;

AND THAT the Agreement expressly provide that:

[1] the *Landfill Society* operate the Chaumox Road Landfill strictly in accordance with the Operational Certificate issued to the Fraser Valley

Regional District by the Province of British Columbia for the purpose of operating and maintaining the Chaumox Road Landfill;

[2] the *Landfill Society* be obligated to reimburse the Fraser Valley Regional District for the full value of the capital costs associated with the purchase of a front end loader and bin truck ["capital equipment"] by the *Landfill Society* through the use of Area A Garbage Disposal Service Area Reserve funds and operational and surplus funds from the Area A Garbage Disposal Service Area budget plus applicable interest, said funds to be reimbursed within 5 years from the commencement date of the Agreement, and

[3] should the *Landfill Society* default on its contractual obligation to reimburse the Fraser Valley Regional District for the costs associated with the capital equipment within the prescribed time period, the ownership of the capital equipment will remain the property of the Fraser Valley Regional District;

AND FURTHER THAT the Fraser Valley Regional District Board authorize the expenditure of available funds from the Area A Garbage Disposal Service Area Reserve Fund and the Area A Garbage Disposal Service Area budget, for the purchase of a used front end loader and bin truck by the *Landfill Society* for purposes of fulfilling its obligations under the Agreement with respect to the operation and maintenance of the Chaumox Road Landfill, said funds estimated to be in the amount \$285,000.;

AND FURTHERMORE THAT the *Landfill Society* be required to carry adequate comprehensive general liability insurance in an amount recommended by the FVRD's insurers, in addition to being responsible for all costs and obligations associated with compliance under the *Workers Compensation Act* of British Columbia;

AND FINALLY THAT the Agreement include accountability provisions which require the *Landfill Society* to report out to the Fraser Valley Regional District on an annual basis.

11. OTHER MATTERS

11.1 FVRD Board Endorsement for the Emergency Operations Center Funding Grant Application

265 - 265

All/Unweighted

- Corporate report dated January 24, 2018 from Paul Gipps, Chief Administrative Officer

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board endorse a grant application for the Emergency Operations Centre funding.

FOR INFORMATION ONLY

- FBC Fraser Valley Update - January, 2018

12. CONSENT AGENDA**12.1 CONSENT AGENDA - FULL BOARD**

No Items.

13. ADDENDA ITEMS/LATE ITEMS**13.1 FVRD North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018, Electoral Area H**

267 - 275

Motion No. 1: First Reading - All/Unweighted

Motion No. 2: Second & Third Reading - All/Unweighted

- Corporate report dated January 24, 2018 from Sterling Chan.
Manager of Engineering & Infrastructure
- Draft Bylaw No. 1465, 2018

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*.

13.2 FVRD North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018, Electoral Area H

276 - 278

Motion No. 1: First Reading - All/Unweighted

Motion No. 2: Second & Third Reading - All/Unweighted

- Refer to report in item 13.1
- Draft Bylaw No. 1466, 2018

MOTION FOR CONSIDERATION

MOTION NO.1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018.*

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018.*

- 13.3** FVRD North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018, Electoral Area H 279 - 280

Motion No. 1: First Reading - All Weighted

Motion No. 2; Second & Third Reading - All/Weighted

- Refer to report in item 13.1
- Draft Bylaw No. 1467, 2018

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018.*

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018.*

- 13.4** FVRD North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018, Electoral Area H 281 - 282

Motion No. 1: First Reading - All/Weighted

Motion No. 2: Second & Third Reading - All/Weighted

- Refer to report in item 13.1
- Draft Bylaw No. 1468, 2018

MOTION FOR CONSIDERATION

MOTION NO. 1: THAT the Fraser Valley Regional District Board consider giving first reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018*.

MOTION FOR CONSIDERATION

MOTION NO. 2: THAT the Fraser Valley Regional District Board consider giving second and third reading to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018*.

14. REPORTS FROM COMMITTEE MEETINGS - FOR INFORMATION (Items 14.1 to 14.5)

14.1	<u>Corporate report to January, 2018 RACS regarding 'Boardroom Improvements Update'.</u>	283 - 284
14.2	<u>Corporate report to January, 2018 RACS regarding 'Installation of Bike Maintenance Station at FVRD/Chilliwack Fire Office.</u>	285 - 287
14.3	<u>Corporate report to January, 2018 RACS regarding 'Dispatch Call Volumes during the December 29th Ice Storm'.</u>	288 - 289
14.4	<u>Corporate report to January, 2018 EASC regarding 'Grant-in-Aid Summary Report for 2017'.</u>	290 - 321
14.5	<u>Corporate report to January EASC, 2018 regarding 'Cultus Lake Sewer System Upgrade and Expansion'.</u>	322 - 324

15. ITEMS FOR INFORMATION AND CORRESPONDENCE (Items 15.1 to 15.6)

15.1	<u>Letter of concern dated December 19, 2017 from The Corporation of the Township of Spallumcheen regarding 'Prevention of Quagga and Zebra Mussels'.</u>	325 - 326
15.2	<u>Letter of concern dated December 19, 2017 from City of Dawson Creek regarding 'Prevention of Quagga and Zebra Mussels'.</u>	327 - 328
15.3	<u>Letter of concern dated December 19, 2017 from City of Parksville regarding 'Preention of Quagga and Zebra Mussels'.</u>	329 - 330
15.4	<u>Letter dated January 17, 2018 from Corporation of the City of New Westminster regarding resolution passed with respect to 'Prevention of Quagga and Zebra Mussels'.</u>	331 - 332
15.5	<u>Letter dated January 18, 2018 from the District of Kent to Hon. Minister of Municipal Affairs and Housing regarding 'Cannabis Sales Revenue Sharing'.</u>	333 - 334
15.6	<u>Letter dated January 16, 2018 from The Corporation of the Township of</u>	335 - 335

16. REPORTS BY STAFF
17. REPORTS BY BOARD DIRECTORS
18. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA
19. RESOLUTION TO CLOSE MEETING

All/Unweighted

MOTION FOR CONSIDERATION

THAT the Meeting be closed to the public, except for Senior Staff and the Executive Assistant, for the purpose of receiving and adopting Closed Meeting Minutes convened in accordance to Section 90 of the *Community Charter* and to consider matters pursuant to:

- Section 90(1)(a) of the *Community Charter* - personal information about an identifiable individual who holds or is being considered for a position as an officer, employee or agent of the regional district or another position appointed by the regional district;
- Section 90(1)(c) of the *Community Charter* - labour relations or other employee relations; and
- Section 90(1)(g) of the *Community Charter* - litigation or potential litigation affecting the regional district.

R E C E S S

20. RECONVENE OPEN MEETING
21. RISE AND REPORT OUT OF CLOSED MEETING
22. ADJOURNMENT

All/Unweighted

MOTION FOR CONSIDERATION

THAT the Fraser Valley Regional District Board Open Meeting of January 24, 2018 be adjourned.

To: Regional and Corporate Services Committee
From: Alison Stewart, Manager of Strategic Planning

Date: 2018-01-10
File No: 6430-30-15

Subject: Agricultural Economy in the Fraser Valley Snapshot Update

INTENT

This report is intended to advise the Fraser Valley Regional District Board of information pertaining to updating the *Agricultural Economy in the Fraser Valley Regional District* Regional Snapshot. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Foster a Strong & Diverse Economy
Support Healthy & Sustainable Community

BACKGROUND

With gross farm receipts of almost \$1.5 billion in 2015 and a diverse agricultural supply chain in which the farmer is both consumer and producer, agriculture is a key component of the FVRD's economy. Based upon the original Snapshot published in 2011, this report incorporates the recently released 2016 Census of Agriculture results and findings of the *Fraser Valley Regional Adaptation Strategies* and the *Freshet Flooding and Fraser Valley Agriculture* study.

This report serves several purposes:

- To fulfill the requirement under the Local Government Act section 452 (1) to establish a program to monitor the Regional Growth Strategy (RGS).
- To build knowledge and capacity of decision makers, planners and other stakeholders in the region on the importance of supporting the agricultural sector.

DISCUSSION

Proximity to large markets in combination with high quality soils, favourable climate and accessible water as well as the diversity of the sector and proximity to educational and research institutions makes the Fraser Valley Regional District a centre for agricultural production and innovation today and into

the future. The snapshot provides an overview of agriculture in the FVRD and its linkages beyond the region's boundaries.

The recently released Census of Agriculture results indicate that farm gate sales (gross farm receipts) in the FVRD continue to grow, increasing from \$1.11 billion in 2010 to \$1.47 billion in 2015. In 2015, the FVRD generated 39% of total provincial gross farm receipts and was responsible for 44% of the total provincial increase between 2010 and 2015. Analysis based on the 2011 Census of Agriculture, determined that agriculture in the FVRD drives approximately \$3.1 billion in annual economic activity and supports 18,000 Full Time employment jobs. It is estimated the value-added sector generates approximately \$1.4 billion in expenditures.

Although the region is home to a diverse range of large and small farms, agriculture in the Region is big business and conducted in a highly sophisticated manner requiring substantial capital investment. Agriculture's influence goes far beyond the farm gate. As a primary industry, the production of food and other agricultural products not only provides inputs to other sectors of the economy, but is also a significant consumer of goods and services. The broader agricultural economy, which includes food processors, transporters, wholesalers, suppliers (goods and services), retailers and other food services industries, add yet another level of economic activity. Given the industrial nature of agriculture in the region, an adequate supply of industrial land is required to support ongoing growth of the sector.

The importance of the Lower Mainland's agri-industrial and agri-food system to the FVRD cannot be underestimated, given agricultural enterprises in the FVRD do business throughout the Lower Mainland and beyond. For example, food processing plants in Abbotsford may process products grown in Delta or the Township of Langley. This interdependence points to the importance of protecting the viability of agriculture throughout the Lower Mainland, not just in the FVRD. A strong agricultural economy is essential for the regional and Lower Mainland economy as a whole and efforts to protect and enhance this sector should remain a key focus of regional policy going forward.

An additional component to this report is the identification of climate change implications for the region's agriculture sector. Warmer and dryer summers and wetter winters will each bring their own challenges, including increased flood risks, increased precipitation and extreme events, greater frequency and intensity of extreme heat events and changes to pests and pollinators.

COST

No costs are associated with this report

CONCLUSION

The FVRD is one of the most intensively farmed areas in Canada, generating the largest annual farm receipts of any regional district in British Columbia. Notwithstanding the rapid population growth of the region, agriculture has flourished and remains a crucial component of the region's economy.

COMMENTS BY:

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Regional Snapshot Series: Agriculture Agricultural Economy in the Fraser Valley Regional District



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The Fraser Valley Regional District is comprised of 6 member municipalities and 8 electoral areas.

City of Abbotsford, City of Chilliwack, District of Mission, District of Hope, District of Kent, Village of Harrison Hot Springs and Electoral Areas A, B, C, D, E, F, G and H.



A NOTE ON CENSUS DATA LIMITATIONS

Although every effort has been made in the preparation of the Regional Snapshot Series to present the most up-to-date information, the most recent available Census data is from 2016.

CHOICES FOR OUR FUTURE: our Regional Growth Strategy

Though occupying a relatively small geographic area, agriculture forms a significant component of the Region's economy, producing 39% of provincial gross farm receipts in 2015.

Given the importance of agriculture, *Choices for Our Future*, the FVRD's Regional Growth Strategy adopted in 2004, recognizes that population growth has exerted considerable pressures on agricultural lands and that future growth must not negatively impact the agriculture sector.

"...Foster economic growth in the agricultural sector..."
– *Choices for our Future*

A REGION DEFINED BY AGRICULTURE TODAY AND INTO THE FUTURE

Agriculture: A 21st century industry

The Fraser Valley Regional District (FVRD) is comprised of six member municipalities and eight electoral areas and features a variety of diverse communities, from small rural hamlets to the fifth largest city in British Columbia. The FVRD is one of the most intensively farmed areas in Canada, generating the largest annual farm receipts of any regional district in British Columbia. Notwithstanding the rapid population growth of the region, agriculture has flourished and remains a crucial component of the region's economy.

Proximity to large markets in combination with high quality soils, favourable climate and accessible water as well as the diversity of the sector and proximity to educational and research institutions makes the Fraser Valley Regional District a centre for agricultural production and innovation today and into the future.

Although the region is home to a diverse range of large and small farms, agriculture in the Region is big business conducted in a highly sophisticated manner requiring substantial capital investment. Agriculture's influence goes far beyond the farm gate. As a primary industry, the production of food and other agricultural products not only provides inputs to other sectors of the economy, but is also a significant consumer of goods and services. A strong agricultural economy is essential for the regional and lower mainland economy as a whole and efforts to protect and enhance this sector should remain a key focus of regional policy going forward.

Fraser Valley Regional District and surrounding area



COMPETITIVE ADVANTAGE

A COMBINATION OF FACTORS

High quality soils, a moderate climate, water and access to markets

Soils in the Fraser Valley are some of the richest in the country supporting a broad range of vegetables, field and cereal crops, small fruits, nursery products, sod, pasture and other crops.

Climate in the primary agricultural areas of the FVRD is characterized by mild winters, warm summers and a narrow range of temperatures that only occasionally drop below zero. As a result, the region has one of the longest frost-free periods in Canada, making it one of the best agricultural areas in the country.

Summers are generally mild, although the marine influence which moderates summer temperatures along the coast does not extend far inland. The average July maximum temperature of 24.4°C in the Chilliwack and Abbotsford area is higher than that at Vancouver International Airport, which has a July average maximum temperature of 22°C, although the differences on a daily basis can be significantly greater.

The region experiences approximately 1,700 mm of precipitation a year, with approximately 1,400 mm falling between October and April. Although heavy winter rains can create challenges, they recharge the region's aquifers that are tapped for irrigation purposes during the dry summer months.

Proximity to markets

The combination of good soils, moderate climate and access to water within close proximity to a local market of over 2.5 million people today and one that will become a market of almost 3.6 million by 2041, provides both challenges and opportunities for agriculture in the region.

Increasingly, Lower Mainland consumers are becoming aware of the bounty at their doorstep and are making choices at local supermarkets with respect to where their food comes from. Close proximity to markets can reduce shipping costs for the agricultural sector, therefore encouraging a healthy local food processing industry so that it can continue to process foods produced in this region in the future should be a priority for local, regional and provincial decision makers.

The Fraser Valley's close proximity to the Metro Vancouver market and highly developed air, rail and port facilities provides opportunities for the region's agriculture industry to further develop potential export markets. Data on markets for FVRD farm goods is not readily available. However, provincially, agriculture/aquaculture exports have remained relatively constant over the years, making up 10.6% of BC's total exports in 2015. With trade barriers lowering, Fraser Valley products are finding their way to other parts of Canada, the United States, Asia, Europe and other parts of the world.

British Columbians still must rely on food imports. Some commodities are produced in BC for export and are replaced by cheaper foreign imports. For example B.C. produces high quality greenhouse tomatoes that are sold to the U.S. while at the same time it imports less expensive field tomatoes from California (BC Ministry of Agriculture and Lands, *BC's Food Self Reliance*, 2006). The *BC's Food Self Reliance* report states that BC Farmers produce 48% of all foods consumed in BC meaning that, given the seasonality of food production and climate limitations, food imports will remain a necessity. However, food imports can be subject to external influences such as political unrest, increasing energy costs, flooding/drought, disease, trade disputes and other issues that can disrupt access to food. For this reason it is important for the lower mainland to maintain a level of food self reliance to act as a buffer against unanticipated disruptions.



What is Agricultural Land?

Although 5% of the province's land base is considered capable for agriculture, not all land is created equally and there is significant variability in terms of the ability of land to support the production of diverse agricultural products.

According to the Provincial Agricultural Land Commission, "...the main limiting factors in British Columbia are climate and topography. Climate determines the heat energy and moisture inputs required for agricultural production. Topographic limitations mostly restrict the ability to use cultivation equipment. Soils with all their variability are also a key limiting factor. Depending upon their properties and characteristics they may be appropriate for sustaining the production of certain agricultural products, but not others." www.alc.gov.bc.ca/ALR/What_is_Ag_Land.htm

Although agriculture takes place in other parts of the province, the environment, soils and topography in the Fraser Valley enable the production of a wide variety of agricultural goods that cannot occur anywhere else in the province. This makes the quality of land in the FVRD important in both a provincial and national context



ECONOMICS OF AGRICULTURE

A NATIONAL PERSPECTIVE

Agriculture plays an important economic function nationally and provincially.

Agriculture and the agri-food sectors contribute significantly to Gross Domestic Product (GDP) and employment at both national and provincial levels. Although primary agriculture alone accounts for a small share of the total economy, the agri-food system, that depends on primary agriculture for inputs, is far more influential. Indeed, according to the Government of Canada, the food and beverage processing industry was the most important manufacturing sector in Canada in 2014, accounting for 16.0% of the total manufacturing sector GDP. (Agriculture and Agri-food Canada, *An Overview of the Canadian Agriculture and Agri-Food System*, April 2016 pg. xiii)

The food and beverage processing industry, which consumes almost half of Canada's agricultural output, is one of the most important manufacturing sectors in Canada. During 2008-09, the food and beverage processing industry became Canada's largest manufacturing activity, which has held true over the past six years. The value of food and beverage shipments has increased to \$103.4 billion in 2014 (from \$78 billion in 2009). Meat and dairy processing together account for 42% of the real value of food and beverage shipments, which has remained steady (approximately \$43.5 billion). (pg. 69)

There is a tendency to view farming as merely the growing of food and pastoral landscapes. The reality is that growing food or other agricultural products is only one part of a much larger supply chain in which the farmer is both a consumer and producer of goods and services. According to Agriculture and Agri-Food Canada, nation-wide, producers spent a record \$50.2 billion in operating expenses which flowed back into the broader economy. In 2014, it was estimated that the agriculture and agri-food system accounted for over 13% of BC's employment. (pg. 29)

Provincial context

British Columbia does not have the extent of agricultural lands found in other parts of Canada, with only 5% of BC's total land area, or 4.4 million hectares, capable for agriculture. Nevertheless, British Columbia's agriculture/aquaculture food system collectively generated \$12.3 billion in consumer sales and 320,000 jobs in 2014.

Canadian Agri-Food System:

The Canadian agriculture and agri-food system accounted for 6.6% of total Canadian Gross Domestic Product (GDP) in 2015. (p. 7)

The Canadian agriculture and agri-food system provided one in eight jobs in 2015, employing over 2.3 million people. (p. 28)

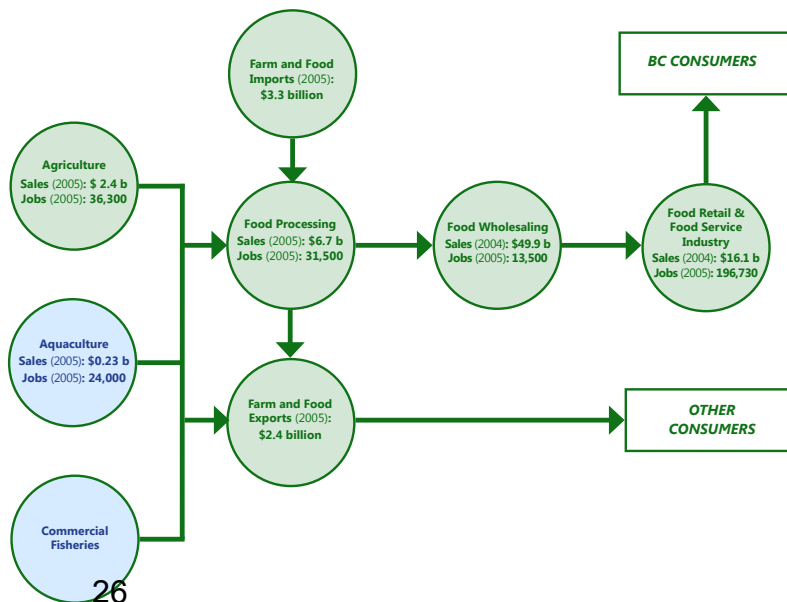
The U.S. is Canada's largest export market, accounting for 51.4% of the value of all exports. Three main commodity groups accounted for over two-thirds of all exports: Grains and Grain Products (25.8%), Oilseeds & Oilseed Products (23.2%), and Live Animals, Red Meat, & Other Animal Products (19.3%). (p. 7)

Record high cattle and hog prices, as well as relatively high grain and oilseed prices, have supported high farm market receipts in recent years.

According to a 2010 study commissioned by Agriculture and Agri-food Canada, the main reason given for looking to purchase locally-produced food was to support the local economy. (p. 62)

(Agriculture and Agri-food Canada, *An Overview of the Canadian Agriculture and Agri-Food System*, April 2016)

Estimated Economic Impact of the BC Agri-food System



Source: BC Ministry of Agriculture *Fast Stats, Agriculture, Aquaculture & Food*, 2006

ECONOMICS OF AGRICULTURE FVRD IN A PROVINCIAL CONTEXT

Fraser Valley ranks #1 in BC based on gross farm receipts

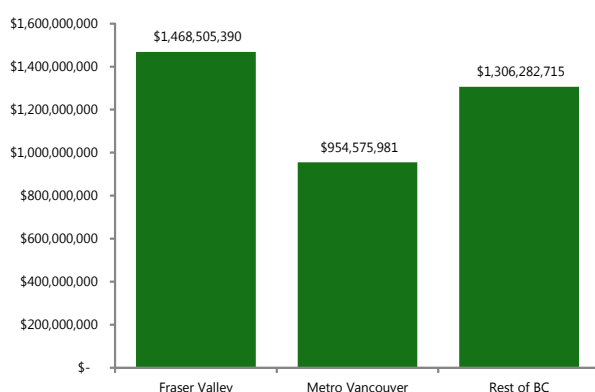
British Columbia ranks number three or higher in Canada in relation to a wide range of products, many of which are produced in the Lower Mainland. Collectively, the FVRD and Metro Vancouver generate 65% of provincial gross farm receipts for a total of \$2.4 billion. In 2015, the FVRD generated 39% of total provincial gross farm receipts and was responsible for 44% of the total provincial increase from 2010 to 2015.

Gross farm receipts reflect only one aspect of the economic impact of agriculture in the FVRD. Farm operators are significant consumers of goods and services, which are embodied in agriculture's operating expenses. In 2015, total farm operating expenses totalled \$1.2 billion, much of which flowed back into the local economy.

The broader agricultural economy, which includes food processors, transporters, wholesalers, retailers and other food services industries adds yet another level of economic activity.

Provincial Gross Farm Receipts (2015)

Source: Statistics Canada, 2016 Census of Agriculture



FVRD Farm Business Operating Expenses (2010 and 2015)

	Dollar Amount
Total farm business operating expenses (2015)	\$1,222,076,351
Total farm business operating expenses (2010)	\$950,128,254
Breakdown of Selected Components (2010)*	Percentage
Total feed, supplement and hay purchases	23.4%
Total wages and salaries	18.2%
Livestock and poultry purchases	13.4%
Custom work, contract work and hired trucking	3.8%
All fuel expenses (diesel, gasoline, natural gas etc.)	3.7%
Seed and plant purchases (excluding material purchased for resale)	3.4%
Fertilizer and lime purchases	3.2%
Repairs and maintenance to farm machinery, equipment and vehicles	2.7%
Electricity, telephone and all other telecommunications services	2.2%
Repairs and maintenance to farm buildings and fences	1.7%
Rental and leasing of land and buildings	1.5%
Veterinary services, drugs, semen, breeding fees, etc.	1.5%
Purchases of herbicides, insecticides, fungicides, etc.	0.9%
Rental and leasing of farm machinery, equipment and vehicles	0.3%

* Detail has been terminated in the 2016 Census of Agriculture. 2010 detail data is included to provide context.

Source: Statistics Canada, 2011 Census of Agriculture & 2016 Census of Agriculture

BC in National Rankings by Commodity

Blueberries	1
Cranberries	1
Raspberries	1
Appricots	1
Sweet Cherries	1
Grapes	2
Floriculture	2
Nursery Products	2
Tomatoes, greenhouse	2
Sweet Peppers, greenhouse	2
Mushrooms	2
Apples	3
Cucumbers, greenhouse	2
Dairy Products	3
Hens and Chickens	3
Eggs	3
Turkeys	3
Canola	4
Cattle	6
Hogs	6
Potatoes	7

Source: Statistics Canada, Census of Agriculture and BC Ministry of Agriculture Fast Stats, Agriculture, Aquaculture & Food, 2014

BC Dairy, Egg, and Poultry Industries

BC Dairy, Egg, and Poultry Industries (BCDEPI) represents the supply managed commodities that play an important role in both the FVRD's and province's economy.

A 2011 PwC* analysis of the provincial economic impact of the BCDEPI value chain found that it "...impacts the BC economy through direct expenditures on goods and services, the employment of workers and the generation of tax revenues for local, provincial and federal governments." (pg. 1)

"...Total value added generated by the BCDEPI value chain in British Columbia is estimated to be \$1.6 billion. It is estimated that the BCDEPI value chain generates employment of 31,726 FTEs with associated salaries and wages of \$917.8 million, a 3% reduction from 2009." (pg. 1)

"...Employment in the BCDEPI value chain was slightly larger than the mining, quarrying, and oil and gas extraction industry at 24,700 employed." (pg. 1)

* PwC - PricewaterhouseCoopers

Source: BC Dairy, Egg, and Poultry Industries (BCDEPI), *Economic impact of British Columbia's dairy, chicken, turkey, hatching egg and table egg industries – 2011 update*, PwC 2013

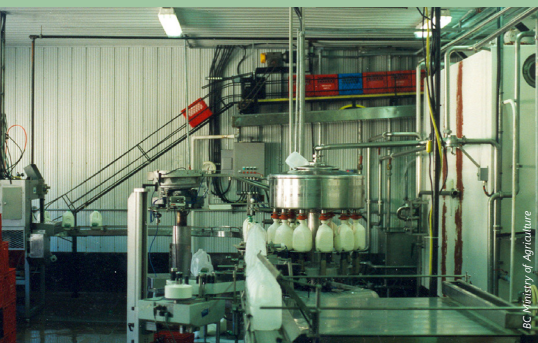


Food Processing

An estimated 55% of all food processing firms in British Columbia are located in the Lower Mainland. According to the 2011 British Columbia Manufacturers' directory, there are more than 50 food and beverage businesses in the FVRD, with the largest employing over 200 workers. Major food related manufacturers in the region include: Lucerne Foods Ltd, Canadian Inovatec, Abbotsford Growers Co-operative, Fraser Valley Duck and Goose, Johnston Packers and Fraser Valley Meats.

Small-scale food processing facilities also have a role to play. The development of smaller food processing facilities in recent years reflects a trend of farm enterprises incorporating small food processing facilities and retail outlets into their business. This trend is taking advantage of increasing consumer interest in organic produce and demands for locally produced foods.

External competition, achieving economies of scale, labour costs and supply and ensuring a long-term supply of agricultural inputs are on-going challenges facing the food processing industry.



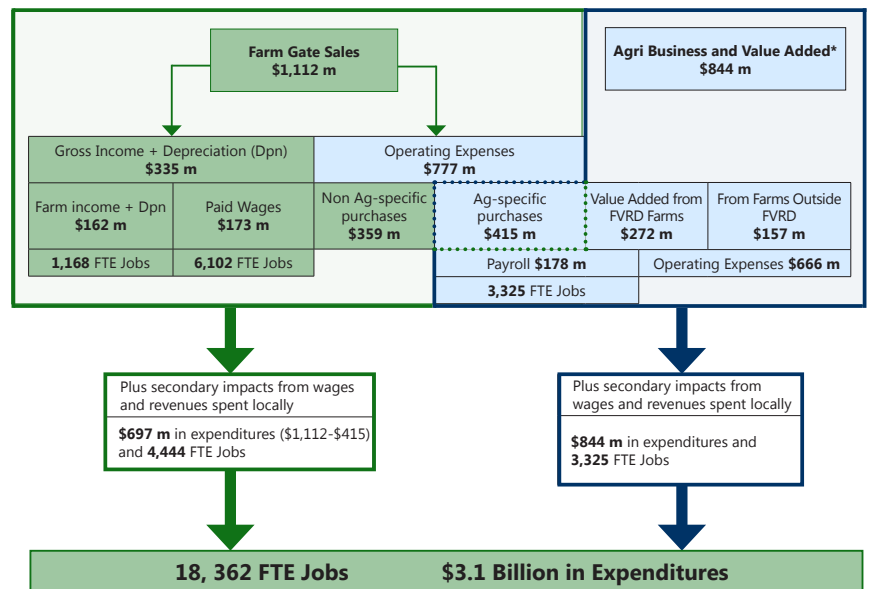
ECONOMICS OF AGRICULTURE REGIONAL CONTEXT

Agriculture is the foundation of the Region's economy

The importance of the broader agri-industrial and agri-food system to the Region as a whole can be difficult to determine, given that agricultural enterprises in the region do business throughout the Lower Mainland and beyond. For example, food processing plants in Abbotsford may process products grown in Delta or the Township of Langley. This interdependence points to the importance of protecting the viability of agriculture throughout the Lower Mainland, not just in the FVRD.

In 2015, the FVRD commissioned a study assessing the potential impacts of freshet flooding on Fraser Valley agriculture, as well as options for resilience. Using 2011 census data, this study generated an estimate for the economic impact of agriculture in the FVRD, the results of which are presented below. As shown, agriculture drives \$3.1 billion in annual economic activity and supports 18,000 Full Time Employment (FTE) jobs. Farm based production within the FVRD accounted for 11,700 FTE job and \$1.4 billion in expenditures. The value added sector provided and additional 3,300 FTE jobs and \$1.69 billion in expenditures. Farms outside the FVRD support 18% of the agri-industrial and value-added sector. Within the FVRD, Abbotsford is a key node for food processing and other agriculture activities. Based on previous studies, it can be estimated that around 70% of the region's agri-industrial and value-added economic activity comes out of Abbotsford, roughly \$2.2 billion.

Estimated Economic Impact of Agriculture in the FVRD



Source: NHC, 2016. Data from Stats Can 2011 Census of Agriculture

The other benefit of agriculture to the Region's economy is its relative stability. Over the economic ups and downs, agriculture has held its own. As discussed earlier in a national context, the agriculture sector in the FVRD has stayed relatively stable at a time when more economically sensitive sectors, such as construction and related manufacturing sectors, have faltered.

This is not to say that the agriculture sector is not facing significant economic challenges. As discussed elsewhere, the industry is facing challenges that need to be addressed in such a way that preserves and strengthens the viability of agriculture in the FVRD and the Lower Mainland as a whole.

AGRICULTURAL LAND RESERVE

PRESERVING AND PROTECTING A VALUABLE RESOURCE

The ALR has been a critical growth management tool in the Lower Mainland

Protecting agricultural land, and the productivity that such lands represent, is essential for not only maintaining, but growing the region's agricultural economy. The Region recognizes that 21st century agriculture carries exciting opportunities in terms of technology and innovation and that we are well positioned to capitalize on what is the competitive advantage of a strong and diverse agricultural economy.

The Agricultural Land Reserve (ALR) was established between 1974 and 1976 with the purpose of protecting British Columbia's agricultural land base. Although the ALR makes up only 5.1% of the Region's 14,000 sq kilometres, this small land base supports one of the most diverse and productive agricultural areas in Canada.

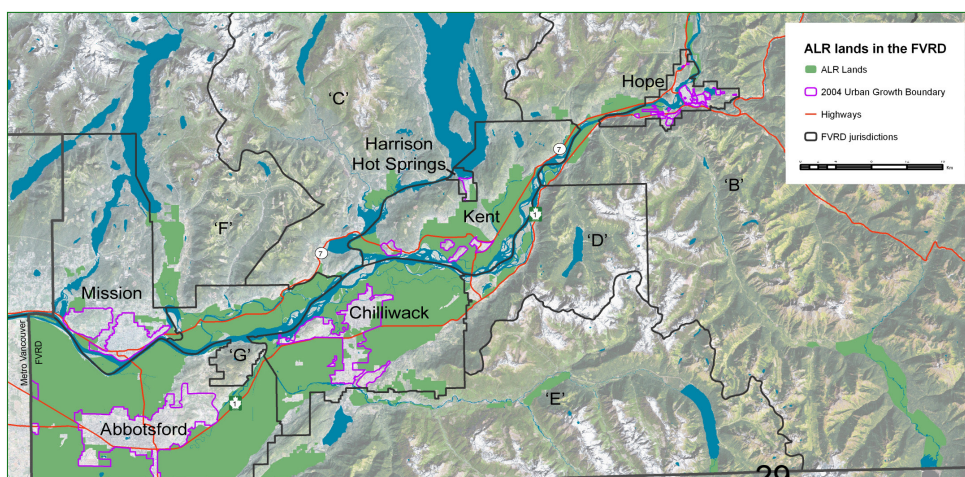
The ALR is administered by the Agricultural Land Commission, an administrative tribunal at arm's-length from the provincial government. The purposes of the Commission are:

- To preserve agricultural land;
- To encourage farming on agricultural land in collaboration with other communities of interest; and
- To encourage local governments, First Nations, the government and its agents to enable and accommodate farm use of agricultural land and uses compatible with agriculture in their plans, bylaws and policies.

The ALR has played an important growth management role in the Lower Mainland. There is little debate that without the ALR, the development trends that were in place in the early 1970's would have continued and that the region today would be characterized by urban sprawl. Instead, the FVRD is characterized by increasingly dense urban cores surrounded by active, highly productive and economically important agricultural lands.

Section 46 of the Agricultural Land Commission Act (ALC Act) requires that every Official Community Plan or Regional Growth Strategy must be consistent with the ALC Act, the regulations and the orders of the Commission; otherwise an inconsistent provision is of no force or effect. The ALC played an important role in the development of the FVRD's *Choices for Our Future* RGS and the establishment of the Region's Urban Growth Boundaries.

Primary Agricultural Land Reserve Areas in the FVRD



Source: BC Agricultural Land Commission

"The mission of the Agricultural Land Commission is to preserve agricultural land and encourage and enable farm businesses throughout British Columbia."

Agricultural Land Commission

Land in the ALR as % of Total Area

	ALR Ha	% Total Area
Abbotsford	27,459	70.6
Chilliwack	16,950	58.1
Mission	1,530	5.8
Hope	357	7.6
Kent	6,579	29.4
Harrison Hot Springs	134	18.7
Electoral Area A	693	0.3
Electoral Area B	5,747	1.8
Electoral Area C	1,171	0.3
Electoral Area D	823	3.5
Electoral Area E	1,225	1.9
Electoral Area F	2,236	1.1
Electoral Area G	5,172	44.9
Electoral Area H	1,403	12.2

Source: BC Agricultural Land Commission

Farm Practices Protection (Right to Farm) Act

In addition to the Agricultural Land Reserve, agricultural activities are protected under the Farm Practices Protection (Right to Farm) Act. Farmers have a right to farm in farming areas provided they use normal farm practices and follow other legislation listed in the Act. The Right to Farm suite of legislation provides a mechanism for the province to limit local government restrictions on agricultural activities.

A "normal farm practice" is defined as an activity "that is conducted by a farm business in a manner consistent with proper and accepted customs and standards as established and followed by similar farm businesses under similar circumstances."

Where conflicts arise, the Farm Industry Review Board can review complaints about farm practices and have the ability to order a farmer to improve or to stop poor farm practices. The board employs a peer review process to investigate complaints and attempts to resolve disputes before hearings are held.



AGRICULTURAL DIVERSITY

BROAD RANGE OF INDUSTRY GROUPS REPRESENTED IN THE FVRD

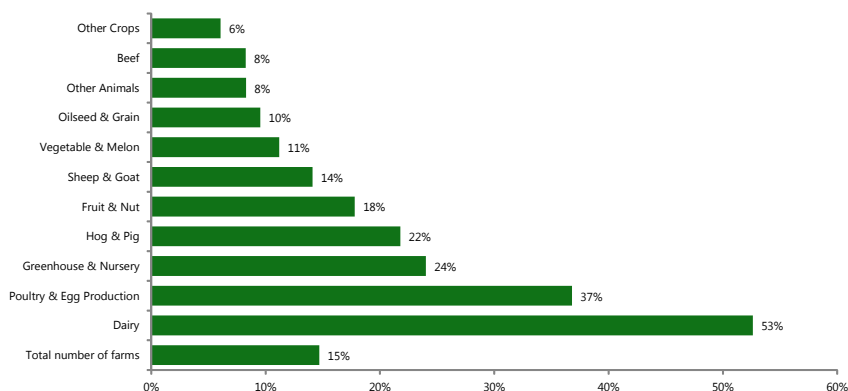
A diverse agriculture sector provides a stable economic base for the region

The Fraser Valley's agricultural sector is one of the most diverse and resilient in Canada, with a broad range of commodity groups represented. The benefit of such diversity lies in the ability of farmers to quickly respond to market shifts or unexpected events that cause disruptions, such as the 2004 outbreak of Avian Influenza that impacted the poultry sector.

The diversity of agriculture in the FVRD is reflected in the range of industry groups (by NAICS classification) represented by farms in the FVRD. Most striking is the fact that, in 2016, 53% of all dairy operations in British Columbia are based in this Region.

FVRD Farms Classified by Industry Group % of Classified Provincial Farms (NAICS classification*)

Source: Statistics Canada, 2016 Census of Agriculture



* North American Industry Classification System (NAICS): Standard used by Statistics Canada in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to Canada's business economy.

The type of agriculture practiced in the region varies between communities. As represented by the number of farms, dairy, beef and greenhouse/nursery farms are more numerous in the Chilliwack area, whereas poultry and fruit farms are more numerous in Abbotsford.

Although data is not available at the Regional District level, the distribution of gross farm receipts by commodity type shows that for the Lower Mainland-Southwest Census Agricultural Region (FVRD, Metro Vancouver, Sunshine Coast RD, and Squamish-Lillooet RD), the top three industries are greenhouse, nursery, and floriculture; poultry and egg; and dairy cattle and milk. Collectively, these three farm types account for around 75% of the gross farm receipts in the region. In the FVRD, greenhouse, dairy, and poultry are prominent.



Census of Agriculture Statistical Area Definitions

Census Consolidated Subdivision (CCS)	Jurisdiction
Abbotsford	Abbotsford
Fraser Valley B	Electoral Area A Electoral Area B Electoral Area C Hope
Fraser Valley D	Kent Harrison Hot Springs Electoral Area D
Fraser Valley E	Chilliwack Electoral Area E Electoral Area H
Fraser Valley F	Mission Electoral Area F
Fraser Valley G	Electoral Area G

Source: Statistics Canada, 2016 Census of Agriculture

2015 Gross Farm Receipts

Census Consolidated Subdivision	Gross Farm Receipts
FVRD (CD)	\$ 1,468,505,390
Abbotsford (CCS)	\$ 853,070,776
Fraser Valley B (CCS)	\$ 4,132,981
Fraser Valley D (CCS)	\$ 71,643,455
Fraser Valley E (CCS)	\$ 461,756,656
Fraser Valley F (CCS)	\$ 11,419,651
Fraser Valley G (CCS)	\$ 66,481,871

Source: Statistics Canada, 2016 Census of Agriculture

2015 Operating Expenses

Census Consolidated Subdivision	Operating Expenses
FVRD (CD)	\$ 1,222,076,351.00
Abbotsford (CCS)	\$ 721,263,978.00
Fraser Valley B (CCS)	\$ 3,711,219.00
Fraser Valley D (CCS)	\$ 55,880,490.00
Fraser Valley E (CCS)	\$ 379,496,384.00
Fraser Valley F (CCS)	\$ 9,641,055.00
Fraser Valley G (CCS)	\$ 52,083,225.00

Source: Statistics Canada, 2016 Census of Agriculture

Agriculture production continues to grow

In spite of increased urbanization in the Fraser Valley, agricultural production has continued to grow in terms of livestock, land under cultivation, and agriculture taking place in greenhouses.

Historical Trends 2006 to 2016

		2006	2011	2016
Farmland Use				
Crops	ha	33,394	36,309	37,214
Summerfallow	ha	94	39	x
Pasture (managed)	ha	2,925	3,440	x
Pasture (unmanaged)	ha	11,233	15,799	13,060
Other*	ha	8,957	8,170	7,993
Total	ha	56,603	63,757	61,236
Crops				
Field Crops**	ha	24,410	26,348	26,574
Fruits, Berries & Nuts	ha	4,219	5,381	5,470
Vegetables	ha	2,311	2,199	1,927
Other	ha	2,454	119	3,243
Total	ha	33,394	34,047	37,214
Mushrooms (farms)	#	17	16	14
(area)	m2	120,760	97,163	97,714
Greenhouses (farms)	#	161	159	154
(area)	m2	1,185,946	1,467,514	1,591,236
Nursery Products	ha	1,773	1,703	1,438
Sod Grown for Sale	ha	376	407	402
Christmas Trees	ha	252	203	168

* "Other": includes 'Unimproved Land', 'Other Improved Land' and 'Woodland'

** Field crop area does not include those crop areas not included for reasons of confidentiality

*** "Other" Crops: also account for area figures not provided due to confidentiality in 2006 and 2011 data

x data withheld for confidentiality

Source: BC Ministry of Agriculture, 2011 Census of Agriculture
Statistics Canada, 2016 Census of Agriculture

A significant increase, as shown below, is the number of farms reporting the raising of honey bees. Between 2006 and 2016, the number of farms raising bees increased 118% from 51 farms to 111. The honey bee is a keystone species for agriculture: according to the B.C. Ministry of Agriculture, \$200 million in agriculture production is dependent on honey bee pollination every year in the province. Recent trends indicate that bee populations are struggling, as the data here suggests. It is important to do what we can to encourage this species to thrive.

Historical Trends in Livestock 2006 to 2016

Livestock	2006		2011		2016	
	Farms	Livestock	Farms	Livestock	Farms	Livestock
Hens & Chickens	584	11,396,784	698	11,912,986	780	13,773,480
Turkeys	42	434,543	65	521,889	57	492,140
Total Other Poultry	111	371,172	114	428,848	130	x
Cattle & Calves	868	92,722	745	93,369	651	103,034
Dairy Cows	376	44,300	324	44,029	285	46,770
Beef Cows	305	4,297	241	3,038	200	2,826
Pigs	84	96,565	59	75,029	73	69,817
Sheep & Lambs	174	4,002	168	4,734	159	3,864
Horses & Ponies	456	2,634	420	2,493	334	1,589
Goats	121	3,822	121	3,399	140	4,139
Mink	6	104,700	7	35,648	6	x
Bison	2	x	2	x	3	x
Deer	4	x	4	x	4	x
Llamas & Alpacas	64	324	81	373	57	202
Rabbits	na	na	27	x	47	996
Colonies of Bees - Honey	51	5,459	70	5,047	111	14,110

x data withheld for confidentiality

Source: Statistics Canada, 2016 Census of Agriculture

FVRD in Provincial Rankings

Commodity	% BC Total	Rank in BC
Brussels Sprouts (ha)	95.2%	1st
Other Poultry	91.5%	1st
Pigs	84.2%	1st
Raspberries	82.2%	1st
Broccoli (ha)	79.3%	1st
Laying Hens 19 wks +	69.5%	1st
Hens & Chickens	69.5%	1st
Sweet Corn (ha)	61.5%	1st
Dairy Cows	59.7%	1st
Turkeys	55.7%	1st
Corn for Silage (ha)	54.6%	1st
Cauliflower (ha)	51.4%	1st
Sod (ha)	44.8%	1st
Mushroom Growing Area (sq m)	42.4%	2nd
Blueberries (ha)	38.6%	2nd
Other Fruits Berries & Nuts (ha)	38.4%	1st
Green Peas (ha)	37.5%	2nd
Nursery Area (ha)	37.3%	1st
Peppers (ha)	35.6%	2nd
Total Area in Vegetables (ha)	33.4%	2nd
Goats	23.2%	2nd
Organic Animals or Animal products (Farms)	21.4%	2nd
Strawberries	18.7%	2nd
Colonies of Bees	15.0%	3rd

Source: BC Ministry of Agriculture, 2011 Census of Agriculture

Lower Mainland-Southwest CAR* Gross Farm Receipts by Commodity

Farm Type	Total Gross Receipts	% Total
All Farms	\$1,920,747,557	
Greenhouse, nursery, and floriculture	\$615,276,903	32.0%
Poultry and egg	\$515,555,689	26.8%
Dairy cattle and milk	\$387,563,011	20.2%
Fruit and tree nut	\$172,237,983	9.0%
Vegetable and melon	\$100,741,187	5.2%
Other animal	\$58,610,476	3.1%
Hog and pig	\$30,868,997	1.6%
Other crop	\$19,766,012	1.0%
Beef cattle	\$16,016,244	0.8%
Sheep and goat	\$2,538,126	0.1%
Oilseed and grain	\$1,572,929	0.1%

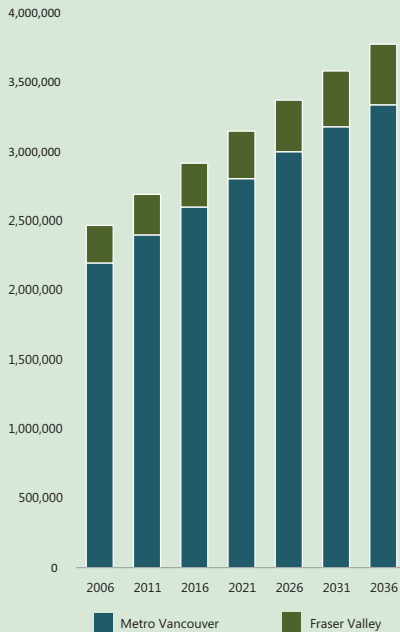
Source: BC Ministry of Agriculture, 2011 Census of Agriculture

*Lower Mainland-Southwest Census Agricultural Region (CAR): FVRD, Metro Vancouver, Sunshine Coast RD, and Squamish-Lillooet RD



Lower Mainland Population Growth

Source: FVRD, BC Stats



Farmland Price per Acre

Parcel Size	Metro Van	Fraser Valley
5 acres	\$150,000-\$350,000	\$80,000-\$110,000
20 acres	\$110,000-\$120,000	\$70,000-\$80,000
40-60 acres	\$50,000-\$80,000	\$50,000-\$70,000

Source: Home on the Range: Cost Pressures and the Price of Farmland, VanCity Credit Union, 2016



AGRICULTURE CHALLENGES GROWTH AND OTHER PRESSURES

Farming at the edge of one of the fastest growing metropolitan regions in Canada is a challenge

The FVRD is located on the periphery of one of the fastest growing metropolitan regions in Canada. The lower mainland is expected to see an additional 1.1 million people by 2036, the vast majority of which will locate in Metro Vancouver. This type of growth will pressure lands in both Metro Vancouver and the FVRD in a number of ways, including increasing land costs, water supply quantity and quality, air quality, land use conflicts, pressures on the ALR, taxation and others.

The skyrocketing cost of land in the region is causing significant challenges for local farms. According to Farm Credit Canada, the financial viability of farm businesses becomes questionable when land prices reach \$80,000 per acre. The table to the left, taken from a 2016 VanCity study (www.vancity.com/AboutVancity/News/MediaReleases/AgriculturalLandPricesIncrease-Apr6-2016), shows that farm land values in the Fraser Valley are approaching this limit, with the viability of small scale farms already compromised. In the FVRD, nearly 40% of all farms are below 10 acres. A consequence of high land values is an increase in local food prices. In order to keep farming sustainable in our region and boost local food consumption, more needs to be done to protect agricultural land from speculative pressures.

A survey undertaken by Metro Vancouver in relation to its Regional Food Systems Strategy (www.metrovancouver.org/planning/development/AgricultureAndFood) found that 93% of respondents believed that preserving agricultural land is at least "somewhat" or "very" important, with 67% stating it was very important. But the survey also found that 6% of respondents felt that protecting agricultural land was not important, based mainly on the belief that there are other areas of the province which can be used for food production and therefore ALR land should be developed. The fact is that the lower mainland is, in many cases, the only location in the province where certain agricultural products can be produced.

Agriculture faces other challenges including: globalization, currency exchange rates, achieving economies of scale, labour costs and labour supply, water supply, fuel costs, and regulations/taxation from all levels of government.



Photo: Cheryl Uphill

AGRICULTURE OPPORTUNITIES

AN EXCITING FUTURE

Building on agricultural expertise and an entrepreneurial spirit

This region has been a centre for agricultural research and innovation for almost 125 years. Facilities such as the Pacific Agri-Food Research Centre, Abbotsford Agricultural Centre, Animal Health Centre, UBC Dairy Education and Research Centre, and UFV's Agriculture Department are resources that benefit Fraser Valley farmers. The Region is also home base for the BC Agriculture Council and other commodity-related organizations that represent industry interests in BC.

Pacific Agri-Food Research Centre

Located in the District of Kent, the Agassiz Experimental Farm, now known as the Pacific Agri-Food Research Centre, was founded in 1888 as one of the five original Experimental Farms in Canada.

Today the Pacific Agri-Food Research Centre in Agassiz has a land base of 310 hectares (plus a 7.5 ha field site in Abbotsford) and includes poultry research facilities, a feed mill, the Avian Research Centre, greenhouses, and a weather station that has been collecting data since 1889.

The Centre houses a laboratory and office complex conducting research on a wide range of subjects including the preservation and conservation of poultry genetic resources. Other areas of research include: healthier crops, livestock welfare and production, innovative solutions for health and wellness, and new and improved quality for food products. In addition, UBC's Dairy Education and Research Centre is on site, leading to increased collaboration between the Centre and University on dairy cattle research. http://www4.agr.gc.ca/resources/prod/doc/science/pdf/PARC-CRAP_e.pdf

UBC Dairy Education and Research Centre

The University of British Columbia Dairy Education and Research Centre operates in conjunction with the Pacific Agri-Food Canada Research Centre. The Dairy Centre opened in 2000 with the goal of providing education and research programs in support of the dairy industry in BC and beyond. The Centre is unique in Canada and is one of the largest in the world.

The Centre's mission is "to be a world-leading centre for dairy education, research and technology transfer". www.landfood.ubc.ca/dairycentre/

University of the Fraser Valley (UFV) agriculture programs

The UFV Agriculture Department is located at UFV's Chilliwack campus where students access programs that combine theory and principles with practical training in horticulture, integrated pest management and livestock production. Given its proximity to the region's diverse agriculture sector, graduates are employed in a broad range of agricultural occupations, including: lab technicians, integrated pest management monitors, nursery managers, farmhands, farm owner/operators, greenhouse managers, landscape technicians and many more. www.ufv.ca/agriculture.htm

BC Agriculture Council

Located in Abbotsford, the BC Agriculture Council's (BCAC) mission is to "provide leadership and to take initiative in representing, promoting and advocating the collective interests of all agricultural producers in the Province of BC". ARDCORP, a wholly owned subsidiary of BCAC, delivers a range of programs, including the Environmental Farm Plan program, to individual producers and the broader agriculture sector across BC. www.bcac.bc.ca



Abbotsford Agriculture Centre

The FVRD's agriculture industry has the advantage of being able to access agriculture experts housed at the *Abbotsford Agriculture Centre* in Abbotsford. The facility is home to provincial Ministry of Agriculture employees working in a variety of branches including the Sustainable Agriculture Management, Policy & Industry Competitiveness, Business Risk Management, Plant & Animal Health, Agri-Food Protection.

The facility is also home to the **Animal Health Centre (AHC)** which is a full-service veterinary diagnostic laboratory. The Animal Health Centre is one of only two laboratories in Canada accredited as a full service Veterinary Diagnostic laboratory by the American Association of Veterinary Laboratory Diagnosticians (AAVLD).

The mandate of the AHC is to diagnose, monitor, and assist in controlling and preventing animal disease in British Columbia. The AHC provides a full range of fee-for-service diagnostic testing, including Pathology, Bacteriology, Virology, and Toxicology. In addition, laboratory staff is frequently involved in the development of new diagnostic tests and the initiation of investigative projects to address emerging disease problems in production animals, poultry, and fish.



REGIONAL FOOD SECURITY IN THE FRASER VALLEY

Supporting a viable, sustainable and resilient industry

Food security is a broad term that encompasses such issues as protecting agricultural land, creating an environment that supports a viable and resilient agri-food system, public access to safe and affordable food and others.

A social and health perspective on food security

According to Canada's *Action Plan on Food Security* (1998), food security "exists when all people, at all times, have physical and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy life".

In comparison to other countries, food security in Canada is quite high, nevertheless, food insecurity in Canada does exist for certain segments of the population. A 2007/2008 Health Canada household food security survey found that food insecurity is more prevalent among households led by female lone parents, families with more than three children, low-income families and aboriginal households. Low income households are often faced with making a choice between healthy food and rent. In the FVRD, more than 11,000 households spend 50% or more of their income on housing, leaving little left over for spending on food.



As discussed in the *Health and Active Living in the FVRD* Snapshot, there are health implications of not eating healthy foods. Increasingly sedentary lifestyles, an aging population, the threat of decreasing air quality and lack of access to healthy food options are all factors that have increased the rate and costs of chronic disease over time. Statistics Canada's 2007/08 Canadian Community Health Survey found that despite this region having one of the most diverse and productive agricultural areas in Canada, less than half the residents of the FVRD consume the recommended minimum of five fruits and vegetables daily.

Although income can be a barrier, it is important to recognize that personal preferences of people who choose not to eat healthy foods also plays a role. Efforts aimed at supporting farmers, farmers' markets and other initiatives that encourage people to eat healthier can ultimately benefit both the healthcare and agricultural sectors.

Community gardens: Supporting agricultural education and awareness

Community gardens promote learning and participation in growing food. Gardeners experience the process of planning, planting, tending and harvesting the benefits of their labour. Community gardens facilitate the gathering of a wide range of community members to come together and learn about agriculture in their communities. There are many other benefits beyond education. They also promote physical activity and healthy eating, reduce greenhouse gas emissions, beautify neighbourhoods, and more.

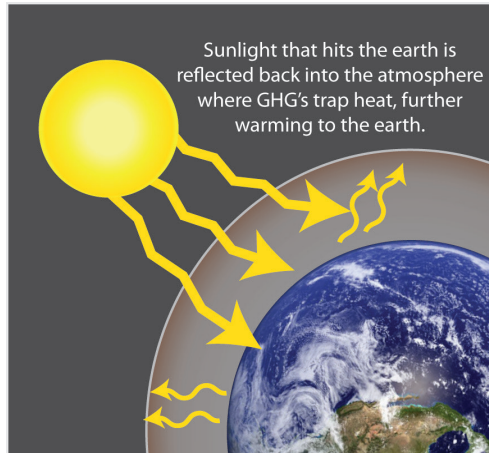
There are several organizations in the region that promote gardening. The Chilliwack Schools Garden Program is one of the oldest school garden programs in Canada, and aims to increase awareness of food production among children. The Valley Permaculture Guild operates several community gardens in the region as well as other local food related initiatives. Here at the FVRD, we operate a small, rooftop garden which raises agriculture awareness in our organization.



REGIONAL CLIMATE CHANGE IN THE FRASER VALLEY

What is Climate Change

Climate change is not a new occurrence. The Climate has fluctuated continuously over eons as part of a natural cycle. However, it is recognized that the increase in the consumption of fossil fuels over the last century has begun to alter the natural cycle by raising the temperature at a higher rate than would normally be the case. Fossil fuels release Greenhouse Gases such as carbon dioxide and carbon monoxide into the atmosphere which then trap the sun's heat, resulting in rising temperatures. The levels of carbon dioxide in the atmosphere have increased approximately 30% since pre-industrial times. Further aggravating the problem, the loss of forest cover reduces the amount of carbon which can be reabsorbed by the earth. (*Changes in concentration of atmospheric carbon dioxide, other greenhouse gases, and aerosols*, B. Geerts and E. Linacre, 2002)



Climate change and Energy are indelibly intertwined. When we consume energy derived from fossil fuels we contribute to Climate Change. The FVRD is no exception. In 2010, residents and businesses in the Fraser Valley Regional District produced about 1.9 million tonnes of carbon. (CEEI report, 2007)

In coming years, a changing climate is expected to impact the agriculture system in a number of ways

The FVRD and the BC Agriculture Council's Climate Action Initiative completed a climate adaptation strategy for the Fraser Valley Regional District in 2015. Analysis showed that while small variations in weather are expected, and managed, on a year-to-year basis, the scope and scale of climate change is anticipated to exceed all other experiences. It is imperative for the agriculture system to plan for, and adapt to, a changing climate before the impacts start to materialize.



Global warming is the challenge of our generation. How we respond will shape the future of not just our environment, but also our economy, our society, our communities, and our way of life.

BC Climate Action Plan





Nicomen Slough Dike E

Dikes in the Fraser Valley

The Lower Mainland has been exposed to historic flooding both from the Fraser River as well as its subsidiaries. As such, much of the land in the region is protected by a system of dikes over 100km long and built over a period of decades and to varying standards. Dikes protect agricultural and urban land alike. In 2015, The Ministry of Forests, Lands, and Natural Resources commissioned an overview assessment of 74 major dykes in the Lower Mainland to evaluate the level of protection and identify deficiencies.

Of particular relevance to the FVRD is that upgrading dikes is a major challenge. Such an undertaking requires significant collaboration and investment to reduce flood risk in the Fraser Valley. A worse case flood scenario for the Valley could see farm losses in excess of \$830 million which could translate into a broader community impact of \$1.1 billion.



A heavy winter rainfall brings Marshall Creek over its banks - Abbotsford, January 2006.

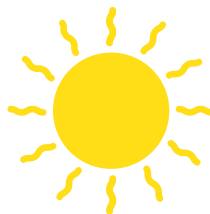
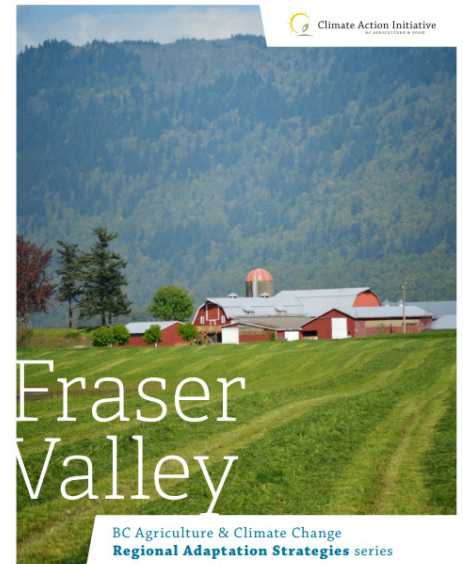
REGIONAL CLIMATE CHANGE UNDERSTANDING THE IMPACTS

Climate predictions in the Fraser Valley

There are several climate trends expected to affect agriculture in the Fraser Valley. The first is changes in temperature. Temperature projections call for an increasing trend in all seasons, with summer warming slightly more. By the 2020s, an annual average of 1°C warmer is expected to be the norm. Also expected are 15 more frost-free days and 184 more growing degree-days annually, which may in some cases be a benefit to for some agriculture (Regional Adaptation Strategy, 2015, p.6-7).

Changing precipitation is also a concern. The overall annual trend for precipitation is for an increase of 4% by 2020, which will grow to 7% by 2050. During the summer months, a decrease in precipitation is expected while winter months will experience an increase. Also, a marked decrease in the amount of falling snow is projected (Regional Adaptation Strategy, 2015, p. 7).

Extreme weather patterns are also expected to change. In the next several years, projections show an increase in the magnitude, frequency, and intensity of extreme weather events. Abnormally high temperatures are likely to occur more often, while low temperature events will occur less frequently. Models predict that we will see 2.6 times the number of summer warm days (days in the summer months that are warmer than the 90th percentile



DRIER, WARMER SUMMERS

- Increased drought risk
- Disrupts flowering and pollination
- Increased pest and disease pressures

historic baseline temperature for that day), and 3.8 times the number of extremely hot days (days so hot they used to occur only once every 10 years). The intensity and magnitude of extreme rainfall events are also projected to increase. In fact, we can expect 1.6 times the number of extremely wet days (days so wet that in the past they would occur once every 10 years) (Regional Adaptation Strategy, 2015, p. 7).

WETTER WINTERS

- Flood risk
- Erosion and nutrient leeching
- Crop damage



Climate change impacts on agriculture

There are five main impact areas associated with the previous climate projections (see Regional Adaptation Strategy, 2015, p. 13-32).

Impact 1: Warmer, drier summers

Agriculture relies on water, consuming both surface and groundwater for irrigation. Water sources in the region are already stretched and demand is only going to increase as temperatures rise. Without adequate irrigation, crop yields and quality will be impacted, as well as livestock health and productivity. On the other hand, increased temperature may present better harvesting conditions.

Impact 2: Increased precipitation and extreme events

Large amounts of precipitation can cause site specific flooding, causing crop loss and other damages. Heavy precipitation can also cause erosion and nutrient leaching, which impact both plant health and productivity.

Impact 3: Increased Freshet Flood Risk

Freshet flooding is a seasonal event which is the result of spring/summer snowmelt upstream. With climate change, it is expected that the magnitude and frequency of large floods on the Fraser River will increase. It is estimated that a worst case flood will cause over \$800 million in damage to farmers' assets and have an impact of \$1.1 billion on the FVRD's economy as a whole (Freshet Flooding and Fraser Valley Agriculture: Evaluating Impacts and Options for Resilience Study, 2016, p.15).

Impact 4: Changes to pests and pollinators

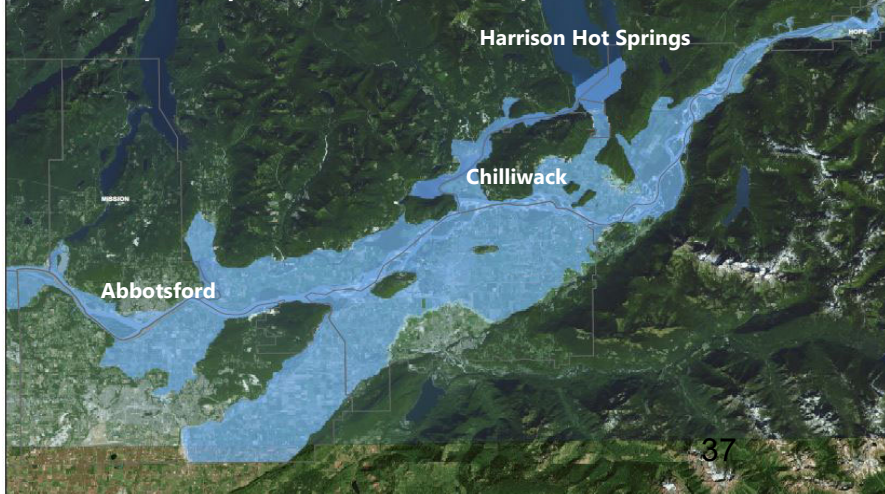
Warming temperatures are already introducing pests to the region. Spotted wing drosophila is a new pest that has moved into BC due to warming and causes damage to berry crops. Extreme temperatures also increase the prevalence of plant and livestock diseases, and reduce the effectiveness of pollinators.

Impact 5: Greater frequency and intensity of extreme heat events.

High temperature early in the season can affect germination and establishment rates for some vegetables and sudden increases in temperature can cause damage to berry crops. For some commodities, such as mushrooms, rising temperatures can increase climate control costs. Also, early ripening creates pressure to harvest quickly and difficulty in preventing spoilage. Farmers are already experiencing labour force challenges as crops that used to ripen sequentially, are now ripening at the same time making it difficult to find available labour. Livestock can also be impacted by high temperatures resulting in reduced growth and high stress.

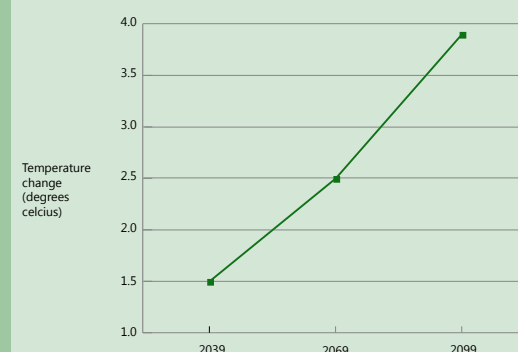


Worst case freshet flood scenario (NHC, 2016)



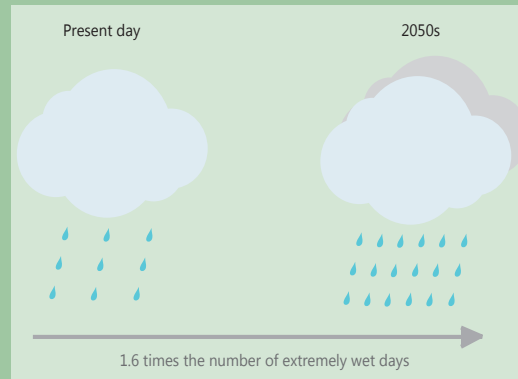
Projected Annual Average Temperature Change (2029-2099)

Source: PCIC Regional Analysis Tool, 2016



Projected Increase in Extreme Precipitation Events

Source: PCIC Regional Analysis Tool, 2016



Lower Mainland Flood Management Strategy

The Lower Mainland Flood Management Strategy is a collaborative, regional initiative commissioned by the Fraser Basin Council. It aims to protect the Lower Mainland from Fraser River and other flood risk. The initiative brings together 43 funding partners including the federal and provincial government, 27 local governments, and 12 other organizations.

Phase 1 of the strategy was completed in 2016, and will be followed by phase 2 (development of an action agenda) over 2016-2018 and phase 3 (implementation of the strategy) in 2018.

See: http://www.fraserbasin.bc.ca/water_flood.html



SUPPORTING AGRICULTURE GOVERNMENT INITIATIVES

Supporting a viable, sustainable and resilient industry

Governments provide support to agriculture through a wide variety of policy measures. These range from municipal and regional initiatives to federal programs.

British Columbia Agriculture Plan: Growing a Healthy Future for BC Families

BC's *Agriculture Plan* Vision is: "Continued development and growth of an economically viable and resilient agriculture and food sector which contributes significantly to:

- The health of British Columbians;
- Climate change mitigation;
- Environmental sustainability; and
- A growing B.C. economy."

This will be achieved by provincial agencies, local/regional governments and community and industry groups implementing strategies linked to:

- Producing Local Food for a Changing World;
- Meeting Environmental and Climate Challenges;
- Building Innovative and Profitable Family Farm Businesses;
- Building First Nations Agricultural Capacity; and
- Bridging the Urban/Agricultural Divide.

http://www.agf.gov.bc.ca/Agriculture_Plan/Agriculture_Plan.pdf

Agriculture planning at the regional and municipal level

The FVRD and our member municipalities are keenly aware of the importance of agriculture to this Region. Over the past decade the FVRD has partnered with Metro Vancouver to develop an *Economic Strategy for Agriculture in the Lower Mainland* and the Cities of Abbotsford and Chilliwack, and the District of Kent have completed or are in the process of developing Agriculture Plans. In 2016, the City of Abbotsford is undertaking an extensive review of agriculture through the "AgRefresh" initiative.

In addition, the Ministry of Agriculture has worked with local governments to undertake agricultural land use inventories to help the province and local governments better understand the nature of agriculture in the region.

Road Map to 2020 - B.C. Agrifood and Seafood Strategic Growth Plan

Launched in 2015 by the Provincial government, Road Map to 2020 is a comprehensive plan to increase overall sector revenues to \$15 billion per year by 2020.

The plan aims to provide direction to the agrifood sector to help:

- Achieve economic growth;
- Adapt to climate change; and,
- Maintain food security.

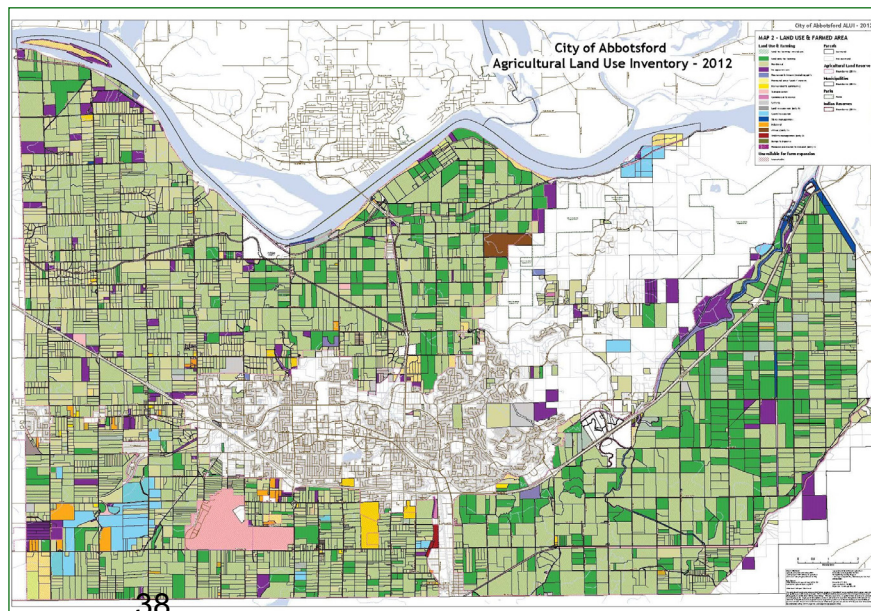
Included in this strategy are 20 new actions including policies that will drive growth in the sector by:

- Increasing production;
- Driving competitiveness; and,
- Building markets.

The plan was developed in collaboration with the Minister's Agrifood Advisory Committee comprised of leaders from the agrifood and seafood sector, business community, local food movement, and agriculture post-secondary institutions.



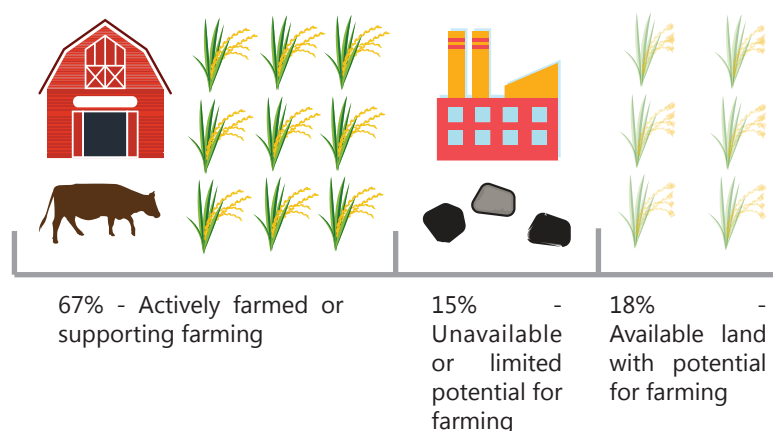
<http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/agriculture-and-seafood/strategic-growth-plan.pdf>



The most recent inventory took place in the agricultural areas of FVRD in the summers of 2011-2013. These windshield surveys take place during the growing months when the land cover characteristics, agricultural activities and irrigation systems are most apparent. The resulting Geographic Information System (GIS) coverages are a valuable planning tool for both local governments and the province.

Agricultural land use inventories support municipal and regional efforts toward developing agricultural plans and other agricultural initiatives. As an example, the results of this most recent survey and others in the region was fed into the province's Agriculture Water Demand Model (AWDM) to determine current and future water demands for agriculture in the FVRD.

Fraser Valley ALR Land Use



Regional Growth Strategy (RGS)

The *Choices for our Future Regional Growth Strategy*, adopted in 2004, recognizes the importance of agriculture to the region's past, present and future. Since the strategy was adopted, the region has undertaken a number of initiatives in support of agriculture. These include:

- Collaborated with the Ministry of Agriculture to model potential impacts of climate change on water demand in the region;
- Working with the Ministry of Agriculture to model potential impacts of climate change on water demand in the region;
- Regional Growth Strategy Update
- Fraser Valley Regional Adaptation Strategy
- With AGRI, 2011-13 Agricultural Land Use Inventory
- With AGRI, Agricultural Water Demand Model
- Freshet Flooding and Fraser Valley Agriculture: Evaluating Impacts and Options for Resilience Study

Upcoming:

- Support implementation of Climate Action initiatives
- Continue to work with the Fraser Basin Council on a Regional Flood Management Strategy

Environmental Farm Plans (EFP)

The B.C. Environmental Farm Plan Program is administered by the BC Agricultural Research & Development Corporation (ARDCORP) a wholly owned subsidiary of the BC Agriculture Council. The program is funded by *Growing Forward*, a federal and provincial initiative aimed at encouraging producers from across the province to adopt Beneficial Management Practices (BMP) to enhance agricultural sustainability and contribute to a cleaner and healthier environment.

The program is voluntary, involves no cost to the producer and is confidential.

The EFP program involves conducting a risk assessment to identify potential areas of concern in relation to a farm's environmental health. This is achieved through the use of a specifically designed workbook provided by EFP planning advisors (PA). Once issues have been identified, the producer can work with a PA to develop an action plan to manage identified risks and identify priority action items.

Once an EFP has been approved, producers are eligible for cost sharing incentives under the *Growing Forward BMP Program* to undertake projects that will address environmental issues identified through the risk assessment process.

Once all of the priority items have been achieved, the plan is considered implemented and a certificate and gate sign can be issued.

The gate signs allow the public to see that the agriculture sector is doing its part in supporting environmental sustainability. This is important as consumers are paying increasing attention on where their food comes from and how it is produced.

Regional Snapshot Series: Agriculture

Agricultural Economy in the Fraser Valley Regional District

December 2017
update



Fraser Valley Regional District
45950 Cheam Avenue
Chilliwack, BC V2P 1N6
Toll free: 1.800.528.0061
www.fvrd.bc.ca

The Regional Snapshot Series for the Fraser Valley Regional District is designed to provide the public with greater insight into the forces which are shaping growth and change in the region today. For a full list of documents currently available in the series, please visit us on the web at: www.fvrd.bc.ca



FRASER VALLEY REGIONAL DISTRICT BOARD OF DIRECTORS MEETING

Wednesday, December 20, 2017

FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

OPEN MEETING MINUTES

Present:

Director Jason Lum, City of Chilliwack, Chair
Director Pam Alexis, District of Mission
Director Dennis Adamson, Electoral Area B
Director Ray Boucher, Electoral Area F
Director Henry Braun, City of Abbotsford
Director Kelly Chahal, City of Abbotsford
Director Bill Dickey, Electoral Area D
Director Taryn Dixon, Electoral Area H
Alt. Director Robert Dufresne, Electoral Area A
Director Orion Engar, Electoral Area E
Director Leo Facio, Village of Harrison Hot Springs

Director Sharon Gaetz, City of Chilliwack
Director Moe Gill, City of Abbotsford
Director Jim Hinds, District of Mission
Director Dave Loewen, City of Abbotsford
Director Alec Niemi, Electoral Area C
Director Patricia Ross, City of Abbotsford
Director Ross Siemens, City of Abbotsford
Director Chuck Stam, City of Chilliwack
Director Al Stobbart, Electoral Area G
Director John Van Laerhoven, District of Kent
Director Wilfried Vicktor, District of Hope

Regrets:

Director Terry Raymond, Electoral Area A
Director Sam Waddington, City of Chilliwack

Staff Present:

Paul Gipps, Chief Administrative Officer
Mike Veenbaas, Director of Finance/CFO
Suzanne Gresham, Director of Corporate Initiatives
Tareq Islam, Director of Engineering and Community Services
Barclay Pitkethly, Director of Regional Programs
Stacey Barker, Deputy Director of Regional Programs
Margaret Thornton, Director of Planning and Development
Jaime Schween, Manager of Corporate Administration
Tyler Davis, Network Analyst 1
Amanda Molloy, Executive Assistant to CAO and Board of Directors
Cathy Squires, Executive Assistant

Also in attendance were three members of the public.

1. CALL TO ORDER

The meeting was called to order at 7:00 p.m.

2. REMARKS BY HONOURARY BOARD CHAIR

Chair Lum invited Board Director Leo Facio to introduce Honourary Chair Lloyd Forman. Director Facio shared that Mr. Forman was first elected to the Regional District of Fraser Cheam and served as Director for Electoral Area "A" between 1979 and 1990, and served as Chair to the Regional District of Fraser Cheam between 1987 and 1990. Following amalgamation, Mr. Forman returned as Director for Electoral Area "A" between 2009 and 2014. Chair Lum noted the Honourary Gavel will be sent to Mr. Forman, who could not attend this evening's meeting.

Remarks were offered by Lloyd Forman by way of a letter written for the occasion. Mr. Forman shared that he is very honoured to be asked to take part in the FVRD's 50th Anniversary celebrations, and reflected on his time working with District and all CAOs and staff. Mr. Forman wished the Board Directors well in all endeavors moving forward.

The Open Meeting recessed at 7:04 pm.

The Open Meeting reconvened at 7:07pm.

3. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

FACIO/DUFRESNE

THAT the Agenda, Addenda and Late Items for the Inaugural Meeting of the Fraser Valley Regional District Board of December 20, 2017 be approved;;

AND THAT all delegations, reports, correspondence, committee and commission minutes, and other information set to the Agenda be received for information.

[BD 2017-335]

CARRIED
All/Unweighted

4. DELEGATIONS AND PRESENTATIONS

None.

5. BOARD MINUTES & MATTERS ARISING

5.1 Inaugural Board Meeting – November 28, 2017

ROSS/ALEXIS

THAT the Minutes of the Inaugural Meeting of the Fraser Valley Regional District Board of November 28, 2017 be adopted.

[BD 2017-336]

CARRIED
All/Unweighted

5.1 Committee of the Whole - November 28, 2017

BOUCHER/GAETZ

THAT the Minutes of the Committee of the Whole Meeting of November 28, 2017 be adopted.

[BD 2017-337]

CARRIED
All/Unweighted

6. COMMITTEE AND COMMISSION MINUTES FOR INFORMATION AND MATTERS ARISING

None.

7. CORPORATE ADMINISTRATION

7.1 2018 FVRD Board and Committee Meeting Schedule

VAN LAERHOVEN/DIXON

THAT the Fraser Valley Regional District Board adopt the proposed 2018 FVRD Board and Committee Meeting Schedule.

[BD 2017-338]

CARRIED
All/Unweighted

7.2 Appointment of Volunteer Fire Department Members

ENGAR/CHAHAL

THAT the Fraser Valley Regional District Board appoint the following volunteer fire department recruit members in accordance with the Fraser Valley Regional District Electoral Area Volunteer Fire Department Establishment and Regulation Bylaw No. 1198, 2013.

Chilliwack River Valley VFD

Karl Volkman

Devan Van Tongeren

Columbia Valley VFD

Stephany Struys

[BD 2017-339]

CARRIED
All/Unweighted

7.3 UBCM Electoral Area Directors Forum and Local Government Leadership Academy Forum: January 30 to February 2, 2018

NIEMI/ADAMSON

THAT the Fraser Valley Regional District Board authorize Electoral Area Directors, as designated, to attend the 2018 Electoral Area Directors Forum and Local Government Leadership Academy Forum being held in Richmond, BC between January 30 and February 2, 2018;

AND THAT registration fees, accommodation and travel expenses be approved from Budget 102.

[BD 2017-340]

CARRIED
EAs/Unweighted

7.4 INDIGENOUS RELATIONS

7.4.1 FVARC Visioning Session Results

STOBART/ADAMSON

THAT the Fraser Valley Regional District Board support a process to engage First Nation leadership and organizations to further the FVARC re-visioning process.

[BD 2017-341]

CARRIED
All/Unweighted

7.4.2 FVRD and SXTA Community-to-Community Forum

The corporate report dated December 6, 2017 from Jessica Morrison, Policy Analyst – First Nations, was received for information.

8. FINANCE

8.1 Grant-in-Aid Request - Dewdney Elementary School PAC, Electoral Area "G"

STOBART/DICKEY

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$3,000 to the Dewdney Elementary School PAC, funded from the Electoral Area "G" grant-in-aid budget, to help offset the cost of providing services to their students such as hot lunches, Christmas hampers, warm clothing, and admission and bussing for field trips.

[BD 2017-342]

CARRIED
All/Unweighted

8.2 Grant-in-Aid - Dewdney Elementary School PAC, Electoral Area "G"

STOBART/BOUCHER

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$2,500 to the Dewdney Elementary School PAC, funded from the Electoral Area "G" grant-in-aid budget, to help offset the cost of an outdoor shelter, facilitating outdoor learning and community involvement.

[BD 2017-343]

CARRIED
All/Unweighted

9. BYLAWS

9.1 FVRD Regional Parks Service Area Amendment Bylaw No. 1455, 2017

BRAUN/HINDS

THAT the Fraser Valley Regional District Board give first reading to the bylaw cited as Fraser Valley Regional District Regional Parks Service Area Amendment Bylaw No. 1455, 2017.

[BD 2017-344]

**CARRIED
All/Unweighted**

STOBART/BRAUN

THAT the Fraser Valley Regional District Board give second and third reading to the bylaw cited as Fraser Valley Regional District Regional Parks Service Area Amendment Bylaw No. 1455, 2017.

[BD 2017-345]

**CARRIED
All/Unweighted**

9.2 FVRD Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No. 1462, 2017

FACIO/ADAMSON

THAT the Fraser Valley Regional District Board give first reading to the bylaw cited as Fraser Valley Regional District Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No. 1462, 2017.

[BD 2017-346]

**CARRIED
All/Unweighted**

GAETZ/GILL

THAT the Fraser Valley Regional District Board give second and third reading to the bylaw cited as Fraser Valley Regional District Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No. 1462, 2017.

[BD 2017-347]

**CARRIED
All/Unweighted**

STAM/DICKEY

THAT the Fraser Valley Regional District Board adopt the bylaw cited as Fraser Valley Regional District Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No.

1462, 2017.

[BD 2017-348]

CARRIED
All/Unweighted (2/3 Majority)

9.3 FVRD Revenue Anticipation Borrowing Bylaw No. 1463, 2017

SIEMENS/GAETZ

THAT the Fraser Valley Regional District Board give first reading to the bylaw cited as Fraser Valley Regional District Revenue Anticipation Borrowing Bylaw No. 1463, 2017.

[BD 2017-349]

CARRIED
All/Weighted

FACIO/DICKEY

THAT the Fraser Valley Regional District Board give second and third reading to the bylaw cited as Fraser Valley Regional District Revenue Anticipation Borrowing Bylaw No. 1463, 2017.

[BD 2017-350]

CARRIED
All/Weighted

STAM/NIEMI

THAT the Fraser Valley Regional District Board adopt the bylaw cited as Fraser Valley Regional District Revenue Anticipation Borrowing Bylaw No. 1463, 2017.

[BD 2017-351]

CARRIED
All/Weighted (2/3 Majority)

9.4 Cultus Lake Park Zoning Bylaw No. 1375, 2016, Electoral Area "H"

DIXON/BOUCHER

THAT the motion granting first reading to the bylaw cited as Cultus Lake Park Zoning Bylaw No. 1375, 2016 be rescinded.

[BD 2017-352]

CARRIED
EAs/Unweighted

DIXON/ADAMSON

THAT Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016 be given a new first reading.

[BD 2017-353]

CARRIED
EAs/Unweighted

STOBBART/ADAMSON

THAT the Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016 be forwarded to Public Hearing;

THAT the Fraser Valley Regional District Board delegate the holding of the Public Hearing with respect to the proposed Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016 to Director Dixon or her alternate in her absence;

THAT Director Dixon or her alternate in her absence, preside over and Chair the Public Hearing with respect to proposed Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016;

AND THAT the Chair of the Public Hearing be authorized to establish procedural rules for the conduct of the Public Hearing with respect to proposed Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016 in accordance with the Local Government Act; and

AND FURTHER THAT in the absence of Director Dixon, or her alternate in her absence at the time of the Public Hearing with respect to proposed Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016, the Fraser Valley Regional District Board Chair is delegated the authority to designate who shall preside over and Chair the Public Hearing regarding this matter.

[BD 2017-354]

CARRIED
EAs/Unweighted

STAM/STOBBART

THAT the Fraser Valley Regional District Board authorize its signatories to execute all documents relating Fraser Valley Regional District Cultus Lake Park Zoning Bylaw No. 1375, 2016.

[BD 2017-355]

CARRIED
All/Weighted (2/3 Majority)

9.5 Subdivision and Development Servicing Bylaw Amendment No. 1459, 2017

ADAMSON/STOBBART

THAT the Fraser Valley Regional District Board give first reading to the bylaw cited as Fraser Valley Regional District Subdivision and Development Servicing Bylaw Amendment Bylaw No. 1459, 2017.

[BD 2017-356]

CARRIED
EAs/Unweighted

ADAMSON/BOUCHER

THAT the Fraser Valley Regional District Board give second and third reading to the bylaw cited as Fraser Valley Regional District Subdivision and Development Servicing Bylaw Amendment Bylaw No. 1459, 2017.

[BD 2017-357]

CARRIED
EAs/Unweighted

DICKEY/DUFRESNE

THAT the Fraser Valley Regional District Board adopt the bylaw cited as Fraser Valley Regional District Subdivision and Development Servicing Bylaw Amendment Bylaw No. 1459, 2017.

[BD 2017-358]

CARRIED
EAs/Unweighted (2/3 Majority)

9.6 FVRD Hope and District Recreation Centre Fees and Other Charges Amendment Bylaw No. 1464, 2017

VICKTOR/ADAMSON

THAT the Fraser Valley Regional District Board give first reading to the bylaw cited as Fraser Valley Regional District Hope and District Recreation Centre Fees and Other Charges Amendment Bylaw No. 1464, 2017.

[BD 2017-359]

CARRIED
Hope and Area B/Weighted

ADAMSON/VICKTOR

THAT the Fraser Valley Regional District Board give second and third reading to the bylaw cited as Fraser Valley Regional District Hope and District Recreation Centre Fees and Other Charges Amendment Bylaw No. 1464, 2017.

[BD 2017-360]

CARRIED
Hope and Area B/Weighted

VICKTOR/ADAMSON

THAT the Fraser Valley Regional District Board adopt the bylaw cited as Fraser Valley Regional District Hope and District Recreation Centre Fees and Other Charges Amendment Bylaw No. 1464, 2017.

[BD 2017-361]

CARRIED
Hope and Area B/Weighted (2/3 Majority)

10. PERMITS

10.1 Development Variance Permit 2017-26 to vary frontage requirement for a two lot subdivision at 36333 Ridgeview Road, Electoral Area "F"

Chair Lum provided an opportunity for public comments. No comments were offered.

BOUCHER/DIXON

THAT the Fraser Valley Regional District issue Development Variance Permit 2017-26 to reduce the minimum required parcel frontage from 10% to 4.5% for a proposed 2 lot subdivision at 36333 Ridgeview Road, Electoral Area 'F', subject to consideration of any comments or concerns raised by the public.

[BD 2017-362]

CARRIED
EAs/Unweighted

11. CONTRACTS, COVENANTS AND OTHER AGREEMENTS

11.1 Mesh Exchange and the FVRD – Potential Pilot Project to Reduce Food Waste

Discussion ensued regarding the programs offered through Mesh Exchange, and concerns were raised regarding liability, Federal regulations, as well as food safety.

It was also noted that reports on this pilot project will be brought forward to the FVRD Waste Wise, Environmental Stewardship & Zero Waste Working Group, before a full report is brought to the Board.

Concerns were raised regarding the flow of information from Committee level to Board level.

ROSS/HINDS

THAT the Fraser Valley Regional District Board direct staff to formulate a contract with Mesh Exchange for a 24 month term for the total sum of \$25,000 for the Food Mesh Fraser Valley pilot project.

[BD 2017-363]

**CARRIED
All/Weighted
Director Adamson Opposed**

11.2 Geothermal District Energy - Assessment

STAM/VAN LAERHOVEN

THAT staff sole source GEOOptimize Inc. for the purpose of undertaking an assessment of the Recreation Centre and curling rink to determine the technical and financial feasibility of a geothermal heat pump system installation;

AND THAT staff be authorized to enter into a service agreement with GEOOptimize Inc. in the amount of thirty one thousand dollars for this purpose.

[BD 2017-364]

**CARRIED
All/Weighted**

12. OTHER MATTERS

12.1 Fraser Basin Council - Fraser Valley Update, December 2017

A written monthly update from Fraser Basin Council dated December 2017 was received for information.

13. CONSENT AGENDA

13.1 CONSENT AGENDA – FULL BOARD

STOBBART/NIEMI

THAT the following Consent Agenda items 13.1.1 to 13.1.10 be endorsed:

- 13.1.1** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,000 to the 1789 - The Royal Westminster Regiment Royal Canadian Army Cadet Corps, funded from the Electoral Area "B" grant-in-aid budget, to help offset the costs of purchasing equipment to be used in the operation of their programs.
- 13.1.2** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,500 to the Hope and District Figure Skating Club, funded from the Electoral Area "B" grant-in-aid budget, to help offset the costs of upgrading their music system as well as replacing supplies for their Pre-Canskate and Canskate programs.
- 13.1.3** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,000 to the Rotary Club of Hope, funded from the Electoral Area "B" grant-in-aid budget, to fund the construction of a water fountain in Hope.
- 13.1.4** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$2,000 to the Deroche Elementary School PAC, funded from the Electoral Area "C" grant-in-aid budget, to help offset the costs of providing services to their community such as hot lunches, community meals, Christmas hampers, warm clothing, and bussing for field trips.
- 13.1.5** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$350 to Leq'a:mel First Nation, funded from the Electoral Area "C" grant-in-aid budget to sponsor their annual Children's Christmas party.
- 13.1.6** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid to Scenic 7 BC Co-operative Marketing Partners (Scenic7BC), to be funded from the Electoral Area "C" grant-in-aid budget in the amount of \$1,000 and the Electoral Area "F" grant-in-aid budget in the amount of \$500, to help build their online presence across their target markets.
- 13.1.7** **THAT** the Fraser Valley Regional District Board authorizes a grant-in-aid in the amount of \$3,000 to the Deroche Elementary School PAC, funded from the Electoral Area "G" grant-in-aid budget, to help offset the cost of installing a swing set.

- 13.1.8** **THAT** the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$2,150 to the Deroche Elementary School PAC, funded from the Electoral Area "G" grant-in-aid budget, to help offset the cost of providing services to their community such as hot lunches, community meals, Christmas hampers, gardening supplies, and bussing for field trips.
- 13.1.9** **THAT** the Fraser Valley Regional District Board endorse the application for Crown Land Tenureship for the Frosst Creek Flood Protection Works Upper Sediment Basin, legally known as: Lot 13 of plan NWP64452, located in Sections 9 and 16, in Township 22 East of the Coast Meridian.
- 13.1.10** **THAT** the Fraser Valley Regional District Board respond to the referral from Turris Communications for the installation of a new telecommunications tower at 9792 Gray Road, Electoral Area 'D', with the following comments:
1. Turris Communications has satisfactorily completed its consultation with the Fraser Valley Regional District.
 2. The FVRD Board concurs with the proposal by Turris Communications Inc. to construct a telecommunications tower and facility provided it is constructed substantially in accordance with the plans submitted to the FVRD. The site is located on private property known as 9792 Gray Road – Electoral Area D (PID 013-160-443).
 3. Turris Communications will obtain an FVRD building permit prior to construction.

[BD 2017-365]

CARRIED
All/Unweighted

13.2 **CONSENT AGENDA – ELECTORAL AREAS**

DICKEY/BOUCHER

THAT the following Consent Agenda items 13.2.1 to 13.2.2 be endorsed:

- 13.2.1** **THAT** the Electoral Area Services Committee direct Staff to include a budget of \$12,000 in the Electoral Area Administration service to provide for landscape improvements at the Deroche Sub-Office in 2018.
- 13.2.2** **THAT** the Fraser Valley Regional District Board defer Zoning Amendment application 2017-01 to the January, 2018 EASC meeting and provide the applicants an opportunity to explore consolidating the A-2 zoned agricultural lands.

[BD 2017-366]

CARRIED
EAs/Unweighted

13.3 CONSENT AGENDA – ELECTORAL AREAS A, B & HOPE

VICKTOR/DUFRESNE

THAT the following Consent Agenda item 13.3.1 be endorsed:

- 13.3.1 THAT** the conference room, mezzanine and arena floor (if available), including tables and chairs, be provided at no charge to School District 78 for the purposes of hosting the 2nd Annual Science and Career Fair on Thursday, April 26th, 2018.

[BD 2017-367]

CARRIED
Areas A, B & Hope/Weighted

13.4 CONSENT AGENDA – ELECTORAL AREA B & HOPE

ADAMSON/VICKTOR

THAT the following Consent Agenda items 13.4.1 and 13.4.2 be endorsed:

- 13.4.1 THAT** the Recreation, Culture and Airpark Service Commission enable use of the arena at a rate of \$444.00 for the Hope and District Figure Skating Club for their annual ice show scheduled for Saturday, March 10, 2018.

- 13.4.2 THAT** the Hope RiverMonsters Swim Club be provided use of the Dan Sharrers Aquatic Centre on June 9th and 10th, 2018 at no charge for the purposes of hosting a summer swim meet;

AND THAT the Recreation, Culture & Airpark Services Commission support the District of Hope Special Event Application by the Hope RiverMonsers Swim Club for use of the 6th Avenue Park field to enable overnight camping for the swim meet;

AND FINALLY THAT the Hope RiverMonsters Swim Club incur associated lifeguarding fees for the duration of the swim meet.

[BD 2017-368]

CARRIED
Area B & Hope/Weighted

14. ADDENDA ITEMS / LATE ITEMS

- 14.1 Grant-in-Aid Request - Eagle Point Community Association, Electoral Area "C"**

NIEMI/ADAMSON

THAT the Fraser Valley Regional District Board approve a grant-in-aid to the Eagle Point Community Association in the amount of \$2,000 to be funded from the 2017 Electoral Area "C" grant-in-aid budget to help offset the costs associated with the purchase of an easy-up tent structure.

[BD 2017-369]

CARRIED
All/Unweighted

14.2 Cascade Lower Canyon Community Forest Dividend Allocation

ADAMSON/CHAHAL

THAT the Fraser Valley Regional District Board allocate the dividend received from the Cascade Lower Canyon Community Forest to Yale Ratepayers Association in the amount of \$1,500 for the Yale Community Food Bank, to Sunshine Valley Ratepayers Association in the amount of \$1,500 for community outreach events, and to Hope Community Services in the amount of \$2,000 for the Hope & District Food Bank.

[BD 2017-370]

CARRIED
All/Unweighted

14.3 FVRD Official Community Plan Amendment Bylaw No. 1349, 2015 – 12174 Hodgkins Road, Lake Errock, Electoral Area "C"

Director Niemi noted that further information gathered by staff will be mutually beneficial to all parties, and will assist in responding to questions and comments raised at the public hearing.

NIEMI/ADAMSON

THAT proposed Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1349, 2015 be referred back to staff and the Electoral Area Services Committee for further consideration and to address community concerns regarding the wetlands and site drainage.

[BD 2017-371]

CARRIED
EAs/Unweighted

14.4 FVRD Zoning Amendment Bylaw No. 1350, 2015 - 12174 Hodgkins Road, Lake Errock, Electoral Area "C"

NIEMI/ADAMSON

THAT proposed Fraser Valley Regional District Zoning Amendment Bylaw No. 1350, 2015 be referred back to staff and the Electoral Area Services Committee for further consideration and to address community concerns regarding the wetlands and site drainage.
[BD 2017-372]

CARRIED
EAs/Unweighted

15. ITEMS FOR INFORMATION AND CORRESPONDENCE

The following items of correspondence were provided for information:

- 15.1 Letter dated November 29, 2017 from District of Sicamous regarding 'Prevention of Quagga and Zebra Mussels'.
- 15.2 Letter of Support from Village of Harrison Hot Springs with respect to District of Sicamous' concerns and threat of Quagga and Zebra mussels in the Province.
- 15.3 Letter of concern dated December 6, 2017 from District of Clearwater regarding 'Prevention of Quagga and Zebra Mussels'.
- 15.4 Thompson-Nicola Regional District Board Highlights - November 24, 2017
- 15.5 Corporate report dated December 12, 2017 from Environmental Services Coordinator regarding 'Air Quality and Agriculture in the FVRD'.
- 15.6 Corporate report dated December 12, 2017 from Environmental Services Technician and Environmental Planner regarding 'Invasive Weed Control Program 2017 Summary'.
- 15.7 Interim Report of the Missing and Murdered Indigenous Women and Girls Inquiry.
- 15.8 Report on the Jumbo Glacier SCC Decision - Ktunaxa v MFLNRO
- 15.9 Sema:th First Nation Update
- 15.10 Letter of concern from Town of Oliver dated December 13, 2017 regarding 'Prevention of Quagga and Zebra Mussels'.
- 15.11 Letter from District of West Kelowna regarding support to lobby the Province to agree to 50% of the provincial share of the cannabis tax sharing formula be provided to local governments.

Discussion ensued regarding item 15.5. It was noted that FVRD staff will be collecting all information and reporting to date, and compiling it all into a much larger, comprehensive report to the Board. It was also noted that the FVRD is not considering a regulatory approach to Air Quality Management, and will be focusing all efforts on educating the public and working collaboratively with all member municipalities, the Ministry of Agriculture, and the Agriculture Centre of Excellence at the University of the Fraser Valley.

Chair Lum suggested the Board hold a Committee of the Whole meeting or perhaps put together a smaller working group, that can collect all reports and review research done up to this point, and review direction with staff.

16. REPORTS BY STAFF

None.

17. REPORTS BY BOARD DIRECTORS

Director Facio wished everyone a happy holiday season and is looking forward to seeing everyone in the New Year. Director Facio also announced in July 2018 there will be an FVRD golf tournament, with more details to come forward in the next few months.

Chair Lum wished everyone a happy and safe holiday season, and thanked Directors and staff for all of their work in 2017.

18. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None.

19. RESOLUTION TO CLOSE MEETING

FACIO/DIXON

THAT the Meeting be closed to the public, except for Senior Staff and the Executive Assistant, for the purpose of receiving and adopting Closed Meeting Minutes convened in accordance to Section 90 of the Community Charter and to consider matters pursuant to:

- Section 90(1)(c) of the Community Charter - labour relations or other employee relations;
- Section 90(1)(k) of the Community Charter - negotiations and related discussions respecting the proposed provision of a regional district service that are at their preliminary stages and that, in the view of the Committee, could reasonably be expected to harm the interests of the regional district if they were held in public; and
- Section 90(2)(b) of the Community Charter - the consideration of information received and held in confidence relating to negotiations between the regional district and a provincial government or the federal government or both, or between a provincial government or the federal government or both and a third party.

[BD 2017-373]

**CARRIED
All/Unweighted**

The Open Meeting recessed at 8:14pm.

20. RECONVENE OPEN MEETING

The Open Meeting reconvened at 9:09pm.

Director Gaetz asked staff if there were any updated Translink statistics for the Fraser Valley. Mr. Pitkethly noted that the FVRD will be conducting surveys for this information in 2018, and will bring a report to the Board for information.

21. RISE AND REPORT OUT OF CLOSED MEETING

None.

22. ADJOURNMENT

FACIO/VAN LAERHOVEN

THAT the Inaugural Meeting of the Fraser Valley Regional District Board of December 20, 2017 be adjourned.

[BD 2017-374]

**CARRIED
All/Unweighted**

The Open Meeting adjourned at 9:09 pm.

MINUTES CERTIFIED CORRECT:

.....
Jason Lum, Chair

..... Director
Corporate Officer/Deputy

**FRASER VALLEY REGIONAL DISTRICT
REGIONAL AND CORPORATE SERVICES COMMITTEE
OPEN MEETING MINUTES**

Tuesday, December 12, 2017

9:00 am

FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

- Members Present:** Director Jason Lum, City of Chilliwack, Chair
Director Patricia Ross, City of Abbotsford
Director Ray Boucher, Electoral Area F
Director Henry Braun, City of Abbotsford
Director Bill Dickey, Electoral Area D
Director Alec Niemi, Electoral Area C
Director Wilfried Vicktor, District of Hope
Director John Van Laerhoven, District of Kent
Alt. Director John Buckley, Village of Harrison Hot Springs
- Regrets:** Director Sharon Gaetz, City of Chilliwack
Director Terry Raymond, Electoral Area A
Director Pam Alexis, District of Mission
- Staff Present:** Paul Gipps, Chief Administrative Officer
Mike Veenbaas, Director of Financial Services
Suzanne Gresham, Director of Corporate Initiatives (*part*)
Barclay Pitkethly, Director of Regional Programs
Milly Marshall, Director of Electoral Area Special Projects
Stacey Barker, Deputy Director of Regional Programs
Jennifer Kinneman, Manager of Corporate Affairs & Strategic Communications
Christina Vugteveen, Manager of Parks
Alison Stewart, Manager of Strategic Planning
Marina Richter, Environmental Services Coordinator
Jamie Benton, Environmental Services Coordinator
Jaime Schween, Manager of Corporate Administration
Matthew Fang, Network Analyst I
Amanda Molloy, Executive Assistant to CAO and Board
Chris Lee, Recording Secretary

There was one member of the public present at the meeting.

1. CALL TO ORDER

Chair Lum called the meeting to order at 9:00 a.m.

2. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

NIEMI/BRAUN

THAT the Agenda, Addenda and Late Items for the Regional and Corporate Services Committee Open Meeting of December 12, 2017 be approved;

AND THAT all delegations, reports, correspondence and other information set to the Agenda be received for information.

[RACS 2017-064]

CARRIED

3. DELEGATIONS AND PRESENTATIONS

3.1 FVARC Visioning Session Results

Jessica Morrison, Policy Analyst – First Nations provided a presentation giving an overview of the results of the Board Visioning Session which took place in October, 2017 to examine the Fraser Valley Aboriginal Relations Committee. She reiterated that the session explored the Terms of Reference, guiding purpose, format, membership and structure of the Committee, in the context of Truth and Reconciliation.

Ms. Morrison reported that at the Session participants were presented with considerations pertaining to inclusivity of membership of the committee, clarification of functions and reconciliation frameworks. She noted that an open discussion of vision, options and concerns took place at the Session. Following the Session, feedback was consolidated into a survey which was sent to participants as a follow-up to clarify the desired direction.

Ms. Morrison reported that the following three scenarios for the re-visioned committee were presented for review at the Session:

- **Option 1:** Status Quo + ad hoc FN Invites
(No First Nations at the table, invitations to present only)
- **Option 2:** Collaborative Committee
(First Nations participation in collaborative relationship committee)
- **Option 3:** Full Membership
(First Nations membership in shared-decision-making committee)

Based on the survey results, it was indicated that the best fit would be Option 2 – Collaborative Committee. She further reported that the highest rank option for naming the re-visioned Committee was Regional Indigenous Relations Committee.

Discussion ensued and it was proposed that staff engage with First Nation groups before drafting the Terms of Reference to receive input on the proposed re-visioned committee.

4. MINUTES/MATTERS ARISING

4.1 Minutes of the Regional and Corporate Services Committee Open Meeting - November 16, 2017

VAN LAERHOVEN/NIEMI

THAT the Minutes of the Regional and Corporate Services Committee Open Meeting of November 16, 2017 be adopted.

[RACS 2017-065]

CARRIED

5. CORPORATE ADMINISTRATION

No items

6. FINANCE

6.1 FVRD Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No. 1462, 2017

DICKEY/ROSS

THAT the Fraser Valley Regional District Board consider giving three readings and adoption to the bylaw cited as *Fraser Valley Regional District Regional Parks Vedder River Campground Reserve Fund Establishment Bylaw No. 1462, 2017*.

[RACS 2017-066]

CARRIED

6.2 FVRD Revenue Anticipation Borrowing Bylaw No. 1463, 2017

ROSS/BOUCHER

THAT the Fraser Valley Regional District Board consider giving three readings and adoption to the bylaw cited as *Fraser Valley Regional District Revenue Anticipation Borrowing Bylaw No. 1463, 2017*.

[RACS 2017-067]

CARRIED

7. REGIONAL PROGRAMS AND SERVICES

7.1 ENVIRONMENTAL SERVICES

7.1.1 Air Quality and Agriculture in the FVRD

The report dated December 12, 2017 from the Environmental Services Coordinator with respect to '*Air Quality and Agriculture in the FVRD*' was provided for information.

7.1.2 Invasive Weed Control Program 2017 Summary

The report dated December 12, 2017 from the Environmental Services Technician and Environmental Planner regarding '*Invasive Weed Control program 2017 Summary*' was circulated for information. Discussion ensued regarding current budgeting for the invasive weed control program.

7.1.3 Mesh Exchange and the FVRD – Potential Pilot Project to Reduce Food Waste

ROSS/NIEMI

THAT the Fraser Valley Regional District Board direct staff to formulate a contract with Mesh Exchange for a 24 month term for the total sum of \$25,000 for the FoodMesh Fraser Valley pilot project.
[RACS 2017-068] **CARRIED**

7.2 REGIONAL PARKS

7.2.1 FVRD Regional Parks Service Area Amendment Bylaw No. 1455, 2017

BRAUN/BUCKLEY

THAT the Fraser Valley Regional District Board consider giving three readings to the bylaw cited as *Fraser Valley Regional District Regional Parks Service Area Amendment Bylaw No. 1455, 2017*.
[RACS 2017-069] **CARRIED**

7.3 STRATEGIC PLANNING AND INITIATIVES

No items

8. ADDENDA ITEMS/LATE ITEMS

None

15. ADJOURNMENT

BOUCHER/VAN LAERHOVEN

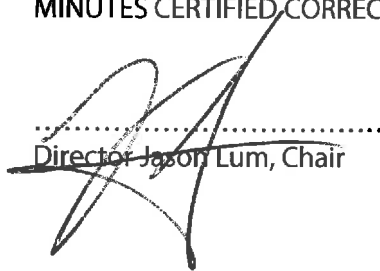
THAT the Regional and Corporate Services Committee Open Meeting of December 12, 2017 be adjourned.

[RACS 2017-071]

CARRIED

The Regional and Corporate Services Committee Open Meeting adjourned at 9:42 a.m.

MINUTES CERTIFIED CORRECT:



.....
Director Jason Lum, Chair

9. REPORTS BY STAFF

None

10. REPORTS BY DIRECTORS

None

11. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None

12. RESOLUTION TO CLOSE MEETING

VAN LAERHOVEN/BOUCHER

THAT the meeting be closed to the public, except for Senior Staff and the Executive Assistant, for the purpose of receiving and adopting Closed Meeting Minutes convened in accordance with Section 90 of the *Community Charter* and to consider matters pursuant to:

- Section 90(1)(c) of the *Community Charter* - labour relations or other employee relations: and
- Section 90(1)(k) of the *Community Charter* - negotiations and related discussions respecting the proposed provision of a regional district service that are at their preliminary stages and that, in the view of the Committee, could reasonably be expected to harm the interests of the regional district if they were held in public.

[RACS 2017-070]

CARRIED

The Open Meeting recessed at 9:27 a.m.

13. RECONVENE OPEN MEETING

The Open Meeting reconvened at 9:41 a.m.

14. RISE AND REPORT OUT OF CLOSED MEETING

None

FRASER VALLEY REGIONAL DISTRICT REGIONAL AND CORPORATE SERVICES COMMITTEE OPEN MEETING MINUTES

Wednesday, January 10, 2018
9:00 am
FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

Members Present: Director Jason Lum, City of Chilliwack, Chair
Director Pam Alexis, District of Mission
Director Ray Boucher, Electoral Area F
Director Henry Braun, City of Abbotsford
Director Bill Dickey, Electoral Area D
Director Alec Niemi, Electoral Area C
Director John Van Laerhoven, District of Kent
Director Leo Facio, Village of Harrison Hot Springs
Director Terry Raymond, Electoral Area A
Director Chuck Stam, City of Chilliwack

Regrets: Director Sharon Gaetz, City of Chilliwack
Director Patricia Ross, City of Abbotsford
Director Wilfried Vicktor, District of Hope

Staff Present: Paul Gipps, Chief Administrative Officer
Mike Veenbaas, Director of Financial Services
Barclay Pitkethly, Director of Regional Programs
Stacey Barker, Deputy Director of Regional Programs
Jennifer Kinneman, Manager of Corporate Affairs & Strategic Communications
Alison Stewart, Manager of Strategic Planning
Jaime Schween, Manager of Corporate Administration
Matthew Fang, Network Analyst I
Amanda Molloy, Executive Assistant to CAO and Board
Cathy Squires, Executive Assistant
Chris Lee, Recording Secretary

Also Present: Director Al Stobbart, Electoral Area G

1. CALL TO ORDER

Chair Lum called the meeting to order at 9:00 a.m.

2. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

FACIO/NIEMI

THAT the Agenda, Addenda and Late Items for the Regional and Corporate Services Committee Open Meeting of January 10, 2018 be approved;

AND THAT all delegations, reports, correspondence and other information set to the Agenda be received for information.

[RACS 2018-001]

CARRIED

3. DELEGATIONS AND PRESENTATIONS

3.1 Agricultural Economy in the Fraser Valley Snapshot Update

Alison Stewart, Manager of Strategic Planning gave a presentation providing an overview of the *Agricultural Economy in the Fraser Valley Regional District*. She pointed out that Agriculture is a 21st Century industry and that Agriculture is a key component of the FVRD's economy. She reported that the Snapshot Update looks at Agriculture from an economic perspective rather than merely an inventory of agricultural commodities and incorporates the recently released 2016 Census of Agriculture results and findings of the *Fraser Valley Regional Adaptation Strategies* and the *Freshet Flooding and Fraser Valley Agriculture Study*.

The following key points were noted in the presentation:

High Level Overview

- Based on the 2016 Census of Agriculture there are 2576 farms reported in the FVRD;
- Total farm area: 61,236 hectares;
- Of total Lower Mainland farm area, 61% are located within FVRD

Economic Driver

- FVRD is #1 in BC - total gross farm receipts - \$1.5 billion;
- 31% increase from 2011;
- \$500 million more than Metro Vancouver and \$162 million more than the rest of BC combined;
- Generating an estimated \$3.1 billion of economic activity in the FVRD;
- Creating 18,000+ direct in indirect FTE jobs;
- Supports industries – food processors, transporters, wholesalers, suppliers, retailers, manufacturers, and other food services

Challenges

- Climate Change Adaptation (wetter winters and drier/hotter summers);
- Increasing land costs;
- Internal/external economic pressures (cost of goods & services, labour force and commodity prices)

Data pertaining to FVRD farm business operating expenses (2010 - 2015) was also presented and it was noted that Agriculture in the FVRD is a diverse industry.

Comments were provided by members and it was proposed that this informative presentation be also delivered at the Board meeting.

4. MINUTES/MATTERS ARISING

4.1 Minutes of the Regional and Corporate Services Committee Open Meeting - December 12, 2017

STAM/BOUCHER

THAT the Minutes of the Regional and Corporate Services Committee Open Meeting of December 12, 2017 be adopted.

[RACS 2018-002]

CARRIED

5. CORPORATE ADMINISTRATION

5.1 Boardroom Improvements Update

CAO Paul Gipps reported that over the coming months, improvements to the Boardroom will take place which will include new flooring for the Boardroom, a new and modern circular Boardroom table to be installed to enable better visibility, as well as technology changes to address ongoing challenges with the audio system and desktop microphones.

5.2 Proposed Amendment to FVRD Travel and Other Expenses Policy

Mr. Gipps reported that proposed amendments to the Travel and Other Expense Policy have been made to provide an option for Directors to take a per diem while on conference or FVRD business, as quite often the meals at conferences are costly and this option will prove to be more cost effective. The proposed Policy also amends the frequency for submission of claims. Clarification was sought regarding long distance automobile travel and allocation of costs based on interactions between Directors and staff time.

FACO/ALEXIS

THAT the Fraser Valley Regional District Board adopt the amended draft Travel and Other Expenses Policy.

[RACS 2018-003]

CARRIED

5.3 Installation of Bike Maintenance Station at FVRD/Chilliwack Fire Office

The report dated January 10, 2018 from the Director of Financial Services pertaining to the installation of a bike maintenance station at the FVRD/Chilliwack Fire office was provided for information.

6. FINANCE

No items.

7. REGIONAL PROGRAMS AND SERVICES

7.1 REGIONAL PARKS

7.1.1 December 29th Ice Storm

Barclay Pitkethly, Director of Regional Programs reported that there was insignificant damage to regional parks during the December 29th ice storm compared to the last ice storm a couple of years ago. It was noted that some parks remain closed due to safety issues. No extraordinary expenses are anticipated from this recent ice storm.

7.2 STRATEGIC PLANNING AND INITIATIVES

Refer to item 3.1

7.3 E911 AND INFORMATION TECHNOLOGY

7.3.1 Dispatch Call Volumes during the December 29th Ice Storm

Dave Philp, Manager of E911 and Information Technology provided a verbal update on the recent December 29th ice storm. He reported that in the morning around 11 am the dispatcher on duty noticed that the weather was changing rapidly and called in another dispatcher. As the weather got worse, additional dispatchers were called in and altogether there were 5 dispatchers on duty and the 3 dispatch stations were running full scale. An all time record of close to 1,000 calls were received on that day. Mr. Philp noted that a typical busy day would see 250 – 300 calls.

Staff was commended for stepping up and doing an extraordinary job and it was proposed that some form of appreciation be arranged to portray the Board's gratitude and to say thank you to the dispatch team.

In conjunction with that, Director Niemi reported that during the ice storm in Area C, BC Hydro attended to calls immediately and that although the Ministry of Transportation and Highways

cleared the highways, the side streets were not taken care off and residents were unable to get out. He would like this concern to be brought up with the Ministry.

9. REPORTS BY STAFF

None

10. REPORTS BY DIRECTORS

Director Niemi reported that they now have a Kentucky Fried Chicken outlet in Electoral Area C!

Director Raymond reported that he received a phone call from a resident about a 10 year old boy who fractured his arm and broke a femur and after 5 hours at the local hospital he was finally attended to and sent home. The next morning at 9 am he was brought to the Abbotsford Regional Hospital and was attended to at 5:30 pm and operated on the next day. Director Raymond expressed dissatisfaction with the wait time and that he was not impressed with Fraser Health.

Director Alexis reported concerns regarding late agenda items for Board meetings and noted that receiving the items the day before the meeting makes it for difficult for meeting preparation. She referred to the December Board meeting in particular where a large amount of information was provided at the last minute. Mr. Gipps responded that staff will take note of this and will endeavour to rectify this concern.

Director Niemi also reported that he has received a number of calls from residents in his area regarding difficulty placing seniors in extended health facilities due to their rural location.

11 PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None

12. ADJOURNMENT

ALEXIS/FACIO

THAT the Regional and Corporate Services Committee Open Meeting of January 10, 2018 be adjourned.

[RACS 2018-004]

CARRIED

The Regional and Corporate Services Committee Open Meeting adjourned at 9:54 a.m.

MINUTES CERTIFIED CORRECT:

.....
Director Jason Lum, Chair

DRAFT

FRASER VALLEY REGIONAL DISTRICT
ELECTORAL AREA SERVICES COMMITTEE
OPEN MEETING MINUTES

Tuesday, December 12, 2017

1:30 pm

FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

Members Present

Director Bill Dickey, Electoral Area D, Chair
Alternate Director Dufresne, Electoral Area A
Alternate Director Kassian, Electoral Area B
Director Alec Niemi, Electoral Area C
Alternate Director McNary, Electoral Area E
Director Ray Boucher, Electoral Area F
Director Al Stobbart, Electoral Area G
Director Taryn Dixon, Electoral Area H

Members Absent

Director Terry Raymond, Electoral Area A
Director Dennis Adamson, Electoral Area B
Director Orion Engar, Electoral Area E

Staff Present

Paul Gipps, Chief Administrative Officer
Mike Veenbaas, Director of Financial Services
Tareq Islam, Director of Engineering & Community Services
Margaret Thornton, Director of Planning & Development
Sterling Chan, Manager of Engineering and Infrastructure
Jennifer Kinneman, Manager of Corporate Affairs & Strategic Communications
Milly Marshall, Director of EA Special Projects
Graham Daneluz, Deputy Director of Planning & Development
Jaime Schween, Manager of Corporate Administration
Johannes Bendle, Planner I
Katelyn Hipwell, Planner I
Melissa Geddert, Planning Technician
Amanda Molloy, Executive Assistant to CAO and Board
Cathy Squires, Recording Secretary
Matthew Fang, Network Analyst I

1. CALL TO ORDER by Chief Administrative Officer

Paul Gipps, Chief Administrative Officer called the meeting to order at 1:30 pm.

2. ELECTION OF ELECTORAL AREA SERVICES COMMITTEE CHAIR by Chief Administrative Officer

Mr. Gipps called for nominations for the position of Electoral Area Services Committee Chair.

Director Niemi nominated Director Dickey.

Director Dickey accepted the nomination.

Mr. Gipps called for nominations for the position of Electoral Area Services Committee Chair a second and third time.

There being no further nominations, Mr. Gipps declared Director Dickey acclaimed as the EASC Chair.

3. ELECTION OF ELECTORAL AREA SERVICES COMMITTEE VICE CHAIR by Chief Administrative Officer

Mr. Gipps called for nominations for the position of Electoral Area Services Committee Vice Chair.

Director Boucher nominated Director Stobbart.

Director Stobbart accepted the nomination.

Mr. Gipps called for nominations for the position of Electoral Area Services Committee Vice Chair a second and third time.

There being no further nominations, Mr. Gipps declared Director Stobbart acclaimed as the EASC Vice Chair.

Director Dickey assumed the Chair.

4. REMARKS BY ELECTORAL AREA SERVICES COMMITTEE CHAIR

Chair Dickey thanked fellow Directors for their support and expressed his satisfaction with the spirit of cooperation as well as solid staff support.

Chair Dickey welcomed the Alternate Directors in attendance.

5. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

BOUCHER / DUFRESNE

THAT the Agenda, Addenda and Late Items for the Electoral Area Services Committee Open Meeting of December 12, 2017 be approved;

AND THAT all delegations, reports, correspondence and other information set to the Agenda be received for information.

[EASC 2017-157]

CARRIED

6. MINUTES/MATTERS ARISING

6.1 Minutes of the Electoral Area Services Committee Meeting November 16, 2017

STOBBART / KASSIAN

THAT the Minutes of the Electoral Area Services Committee Open Meeting of November 16, 2017 be adopted.

[EASC 2017-158]

CARRIED

7. CORPORATE ADMINISTRATION

None.

8. FINANCE

8.1 Grant-In-Aid Request - 1789 - The Royal Westminster Regiment Royal Canadian Army Cadet Corp, Electoral Area "B"

KASSIAN / DIXON

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,000 to the 1789 - The Royal Westminster Regiment Royal Canadian Army Cadet Corps, funded from the Electoral Area "B" grant-in-aid budget, to help offset the costs of purchasing equipment to be used in the operation of their programs.

[EASC 2017-159]

CARRIED

8.2 Grant-In-Aid Request – Hope and District Figure Skating Club, Electoral Area "B"

KASSIAN / NIEMI

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,500 to the Hope and District Figure Skating Club, funded from the Electoral Area "B" grant-in-aid budget, to help offset the costs of upgrading their music system as well as replacing supplies for their Pre-Canskate and Canskate programs.

[EASC 2017-160]

CARRIED

8.3 Grant-In-Aid Request – Rotary Club of Hope, Electoral Area "B"

KASSIAN / BOUCHER

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$1,000 to the Rotary Club of Hope, funded from the Electoral Area "B" grant-in-aid budget, to fund the construction of a water fountain in Hope.

[EASC 2017-161]

CARRIED

8.4 Grant-In-Aid Request – Deroche Elementary School PAC, Electoral Area "C"

NIEMI / STOBART

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$2,000 to the Deroche Elementary School PAC, funded from the Electoral Area "C" grant-in-aid budget, to help offset the costs of providing services to their community such as hot lunches, community meals, Christmas hampers, warm clothing, and bussing for field trips.

[EASC 2017-162]

CARRIED

8.5 Grant-In-Aid Request – Leq’a:mel First Nation, Electoral Area “C”

NIEMI / STOBART

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$350 to Leq'a:mel First Nation, funded from the Electoral Area “C” grant-in-aid budget to sponsor their annual Children’s Christmas party.

[EASC 2017-163]

CARRIED

8.6 Grant-In-Aid Request – Scenic 7 BC – Co-operative Marketing Partners, Electoral Areas “C” and “F”

BOUCHER / NIEMI

THAT the Fraser Valley Regional District Board authorize a grant-in-aid to Scenic 7 BC Co-operative Marketing Partners (Scenic7BC), to be funded from the Electoral Area “C” grant-in-aid budget in the amount of \$1,000 and the Electoral Area “F” grant-in-aid budget in the amount of \$500, to help build their online presence across their target markets.

[EASC 2017-164]

CARRIED

8.7 Grant-In-Aid Request - Deroche Elementary School PAC, Electoral Area "G"

STOBART / NIEMI

THAT the Fraser Valley Regional District Board authorizes a grant-in-aid in the amount of \$3,000 to the Deroche Elementary School PAC, funded from the Electoral Area “G” grant-in-aid budget, to help offset the cost of installing a swing set.

[EASC 2017-165]

CARRIED

8.8 Grant-In-Aid Request - Deroche Elementary School PAC, Electoral Area “G”

STOBART / BOUCHER

THAT the Fraser Valley Regional District Board authorize a grant-in-aid in the amount of \$2,150 to the Deroche Elementary School PAC, funded from the Electoral Area “G” grant-in-aid budget, to help offset the cost of providing services to their community such as hot lunches, community meals, Christmas hampers, gardening supplies, and bussing for field trips.

[EASC 2017-166]

CARRIED

8.9 Proposed landscape improvements at FVRD's Deroche Office

Discussion ensued regarding picnic table design material and cost implications. Clarification was provided regarding the Electoral Area Administration Budget.

NIEMI / STOBART

THAT the Electoral Area Services Committee direct Staff to include a budget of \$12,000 in the Electoral Area Administration service to provide for landscape improvements at the Deroche Sub-Office in 2018.

[EASC 2017-167]

CARRIED

9. ENGINEERING & UTILITIES

9.1 Application for Crown Land Tenure for Frosst Creek Flood Protection Works Upper Sediment Basins

DIXON / KASSIAN

THAT the Fraser Valley Regional District Board endorse the application for Crown Land Tenureship for the Frosst Creek Flood Protection Works Upper Sediment Basin, legally known as: Lot 13 of plan NWP64452, located in Sections 9 and 16, in Township 22 East of the Coast Meridian

[EASC 2017-168]

CARRIED

9.2 Subdivision and Development Servicing Bylaw Amendment No. 1459, 2017

NIEMI / DIXON

THAT the Fraser Valley Regional District Board consider giving three readings and adoption to the bylaw cited as *Fraser Valley Regional District Subdivision and Development Servicing Bylaw Amendment Bylaw No. 1459, 2017*.

[EASC 2017-169]

CARRIED

10. PLANNING, BUILDING INSPECTION AND BYLAW ENFORCEMENT

10.1 Turris Telecommunications Tower Proposal for 9792 Gray Road, Electoral Area "D"

Discussion ensued regarding the implication of voltage and the effects on detonators.

STOBART / DUFRESNE

THAT the Fraser Valley Regional District Board respond to the referral from Turris Communications for the installation of a new telecommunications tower at 9792 Gray Road, Electoral Area `D`, with the following comments:

1. Turris Communications has satisfactorily completed its consultation with the Fraser Valley Regional District.
2. The FVRD Board concurs with the proposal by Turris Communications Inc. to construct a telecommunications tower and facility provided it is constructed substantially in accordance with the plans submitted to the FVRD. The site is located on private property known as 9792 Gray Road – Electoral Area D (PID 013-160-443).
3. Turris Communications will obtain an FVRD building permit prior to construction.

[EASC 2017-170]

CARRIED

10.2 Zoning Amendment for 11223 Stave Lake Road, Electoral Area "F"

BOUCHER / STOBART

THAT the Fraser Valley Regional District Board defer Zoning Amendment application 2017-01 to the January 2018 EASC meeting and provide the applicants an opportunity to explore consolidating the A-2 zoned agricultural lands.

[EASC 2017-171]

CARRIED

10.3 Development Variance Permit 2017-26 to vary frontage requirement for a two lot subdivision at 36333 Ridgeview Road, Electoral Area "F"

BOUCHER / KASSIAN

THAT the Fraser Valley Regional District issue Development Variance Permit 2017-26 to reduce the minimum required parcel frontage from 10% to 4.5% for a proposed 2 lot subdivision at 36333 Ridgeview Road, Electoral Area `F`, subject to consideration of any comments or concerns raised by the public.

[EASC 017-172]

CARRIED

11. ADDENDA ITEMS/LATE ITEMS

None

12. REPORTS BY STAFF

Mr. Gipps reported that each Director has been provided with FVRD Christmas cards for sharing and distribution.

13. REPORTS BY ELECTORAL AREA DIRECTORS

Director Niemi, Electoral Area C - Thanked staff for their hard work.

Director Dixon, Electoral Area H - Reported it has been quiet in Electoral Area 'H'. The Annual Cultus Christmas event was successful despite the weather. Lakeside development property road construction is taking place, however workers are doing a good job of keeping corner safe and work should finish by approximately December 31, 2017. Director Dixon is looking forward to presenting at the Parks Board meeting December 13, 2017.

Alternate Director Kassian, Electoral Area B – Reported the Christmas Dinner at Yale Hall with the Volunteer Fire Department and Ratepayers Association had 200 people in attendance. The Volunteer Fire Department will be distributing gifts to children on the 23rd. Yale Ratepayers will be distributing food hampers. Alternate Director Kassian reported on recent local efforts to assist with an elderly gentleman after he had been displaced due to a fire. Assistance included site cleanup and moving of another trailer onto the site.

Alternate Director Dufresne, Electoral Area A – Reported on a well-attended Seniors Dinner, and noted a successful 'Stuff the Cruiser' event which raised both funds and food for the local Food Bank.

Director Boucher, Electoral Area F – Reported on a slight improvement in cell phone coverage in the area.

Alternate Director McNeary, Electoral Area E – Reported attending a Ratepayers meeting last night, and noted the appreciation of the Regional District's help with respect to the homeless camp clean up.

Director Dickey, Electoral Area D – Reported there is still a lot of development in Area D, and noted a recent Fraser Valley Regional Library Board meeting which saw an increase in budget.

14. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None.

15. ADJOURNMENT

STOBART / BOUCHER

THAT the Electoral Area Services Committee Open Meeting of December 12, 2017 be adjourned.

[EASC 2017-173]

CARRIED

The meeting was adjourned at 1:55pm.

MINUTES CERTIFIED CORRECT:



.....
Director Bill Dickey, Chair

**FRASER VALLEY REGIONAL DISTRICT
ELECTORAL AREA SERVICES COMMITTEE
OPEN MEETING MINUTES**

Wednesday, January 10, 2018

1:30 pm

FVRD Boardroom, 45950 Cheam Avenue, Chilliwack, BC

Members Present	Director Bill Dickey, Electoral Area D, Chair Director Terry Raymond, Electoral Area A Director Dennis Adamson, Electoral Area B Director Alec Niemi, Electoral Area C Director Orion Engar, Electoral Area E Director Ray Boucher, Electoral Area F Director Al Stobbart, Electoral Area G Director Taryn Dixon, Electoral Area H
Staff Present	Paul Gipps, Chief Administrative Officer Mike Veenbaas, Director of Financial Services Tareq Islam, Director of Engineering & Community Services Margaret Thornton, Director of Planning & Development Milly Marshall, Director of EA Special Projects Graham Daneluz, Deputy Director of Planning & Development Jaime Schween, Manager of Corporate Administration David Bennett, Planner II Amanda Molloy, Executive Assistant to CAO and Board Cathy Squires, Recording Secretary Matthew Fang, Network Analyst I
Also Present	Two members of the Public

1. CALL TO ORDER

Paul Gipps, Chief Administrative Officer called the meeting to order at 1:30 pm

2. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

STOBBART / RAYMOND

THAT the Agenda, Addenda and Late Items for the Electoral Area Services Committee Open Meeting of January 10, 2018 be approved;

AND THAT all delegations, reports, correspondence and other information set to the Agenda be received for information.

[EASC 2018 – 001]

CARRIED

3. MINUTES/MATTERS ARISING

3.1 Minutes of the Electoral Area Services Committee Meeting December 12, 2017

BOUCHAR / ENGAR

THAT the Minutes of the Electoral Area Services Committee Open Meeting of December 12, 2017 be adopted.

[EASC 2018-002]

CARRIED

4. CORPORATE ADMINISTRATION

4.1 Proposed Amendment to FVRD Travel and Other Expense Policy

Discussion ensued the proposed policy and suggested changes including Treaty Table representatives per diem, mileage expenses and meal allowances. There was also discussion regarding expenses such as cell phones, home internet and equipment for home office use.

STOBBART / RAYMOND

THAT the Fraser Valley Regional District Board adopt the amended draft Travel and other Expense Policy.

[EASC 2018-003]

CARRIED

5. FINANCE

5.1 Grant-In-Aid Summary Report - 2017

The report dated January 10, 2018 from Kristy Hodson, Manager of Financial Operations was provided for information.

Discussion ensued regarding reporting back by applicants to the Finance department. Reporting requirements were discussed, and it was noted that Grants-in-Aid given nearer to year end may have not been spent by the applicant by the end of the year.

6. PLANNING, BUILDING INSPECTION AND BYLAW ENFORCEMENT

6.1 Development Variance Permit 2017-28 to Reduce the Setback for an Agricultural Building at 36716 Allcott Road, Electoral Area 'G'

STOBBART / BOUCHER

THAT the Fraser Valley Regional District Board issue Development Variance Permit 2017-28 to vary the side lot line setback from 30 metres to 20 metres to permit the construction of a chicken barn at 36716 Allcott Road, Electoral Area "G", subject to consideration of any comments or concerns raised by the public.

[EASC 2018-004]

CARRIED

6.2 Official Community Plan amendment Bylaw 1460 2017 and Zoning Amendment Bylaw 1461 2017 to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area 'H' into a single family residential subdivision.

Staff explained the mailing radius for notification letters to the residents for this Developers Information meeting was 150 meters. For any Public Information meeting being held by the FVRD the mailing radius can be increased. Land use for the area was identified including the type of homes in the area.

DIXON / ADAMSON

THAT the Fraser Valley Regional District Board consider giving first reading to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision;

THAT *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* be forwarded to Public Hearing;

THAT the Fraser Valley Regional District Board delegate the holding of the Public Hearing with respect to proposed *Fraser Valley Regional District Official Community Plan Amendment Bylaw*

No. 1460, 2017 and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to Director Taryn Dixon, or her Alternate in her absence;

THAT Director Dixon, or her Alternate in her absence, preside over and Chair the Public Hearing with respect to proposed Bylaw 1460, 2017 and Bylaw 1461, 2017;

THAT the Chair of the Public Hearing be authorized to establish procedural rules for the conduct of the Public Hearing with respect to proposed Bylaw 1460, 2017 and Bylaw No. 1461, 2017 in accordance with the Local Government Act.

THAT in accordance with Section 475 of the Local Government Act and FVRD policy First Nations Engagement on FVRD Land use by-laws and other matters with statutory requirement to engage, a notice and referral of Official Community Plan Amendment Bylaw No. 1460, 2017 be sent to potentially affected First Nations via the Stó:lo Connect referral system where possible;

THAT in accordance with Section 475 of the Local Government Act, the Fraser Valley Regional District Board adopt the Official Community Plan consultation strategy as outlined in the staff memorandum dated January 10, 2018 for Bylaw 1460, 2017. The consultation strategy includes a notice and referral to the Stó:lo Connect referral system and the Ministry of Transportation and Infrastructure

THAT the Fraser Valley Regional District Board consider that Official Community Plan Amendment Bylaw No. 1460, 2017 is consistent with the FVRD financial plan and FVRD waste management plan

AND FURTHER THAT the Fraser Valley Regional District Board authorize its signatories to execute all documents relating to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* and any associated applications.

[EASC 2018-005]

CARRIED

7. ENGINEERING AND UTILITIES

7.1 Cultus Lake Sewer System Upgrade and Expansion

The report dated January 10, 2018 from Tareq Islam, Director of Engineering and Community Services was provided for information.

Mr. Gipps noted that there will be a Public meeting held on January 18, 2018. He then reviewed the process going forward and the importance of timeline implications. A permit from the Ministry of Environment will take approximately one year to obtain and the FVRD would like to hold any referendum by early Spring.

8. OTHER MATTERS

None

9. ADDENDA ITEMS/LATE ITEMS

None

10. REPORTS BY STAFF

None

11. REPORTS BY ELECTORAL AREA DIRECTORS

Director Niemi, Electoral Area C - reported that on January 17, 2018 there will be a ceremony honouring Officer Nicky Charlie who saved a lady from drowning last year. All Directors are invited to come and celebrate. On the same day there is a Kentucky Fried Chicken restaurant opening.

Director Dixon, Electoral Area H – reported it was relatively quiet over Christmas. Work is still being done on the Lakeside Marina, and there is ongoing road work. She reported that there will be upcoming meetings to discuss geese in Cultus Lake.

Director Adamson, Electoral Area B – reported his attendance at a recent Yale Ratepayers meeting. He noted that proposed monthly dinners focusing on reconciliation has been suggested. These meetings would take place at the Yale Community Centre where everyone would be welcome. Funding for this will be applied for through the Province.

Director Stobbart, Electoral Area G - reported Area G is getting a Tim Hortons, and noted the ice storm caused many difficulties and long power outages in the area. He thanked the Volunteer Fire Department for their hard work in responding to events during the ice storm.

Director Raymond, Electoral Area A - reported he received a call from a lady from Spuzzum whose son had broken his arm. She took him to Hope Hospital and after a lengthy wait was sent home with instructions to go to Abbotsford Hospital the next day. After waiting in Abbotsford Hospital, her son was admitted and then on the following day was operated on. Mr. Gipps noted that he will bring this to the attention of Fraser Health at his next meeting.

Director Boucher, Electoral Area A - noted that there is an upcoming meeting on January 11, 2018 regarding the proposed Hatzic Prairie Water system. He also noted the ice storm closed Sylvester Road for a number of days. He also thanked the Volunteer Fire Department for their efforts of responding to a heavy volume of call outs.

Director Engar, Electoral Area E - reported he attended a recent Chilliwack River Valley Ratepayers meeting. He noted that Electoral Area E was also hit hard by the ice storm,

and that the Ministry of Transportation and Infrastructure did a good job of keeping the roads clear in Area E.

Director Dickey, Electoral Area D - spoke to an earlier topic of discussion in the Regional and Corporate Services meeting regarding snow clearing issues. Mr. Gipps reported that he has been in contact with the Area Manager for the Ministry of Transportation and Infrastructure and that he will follow up requesting a response on timeline for clearing. It was suggested that the Area Manager be invited to speak to at a future meeting. It was noted that the same problems happen each year with the same response but no improvements.

Director Dickey noted that at the Regional and Corporate Services Committee meeting, the issue of late Agenda and Addenda items was discussed. He noted concerns were raised that receiving items late gave Directors a short window of time to review the item prior to the meetings. Mr. Gipps noted that this issue will be addressed at the January 24, 2018 Board meeting.

12. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None

13. ADJOURNMENT

RAYMOND / BOUCHER

THAT the Electoral Area Services Committee Open Meeting of January 10, 2018 be adjourned.

[EASC 2018 – 06]

CARRIED

The Electoral Area Services Committee adjourned at 2:10 pm

MINUTES CERTIFIED CORRECT:

Director Bill Dickey, Chair

Fraser Valley Aboriginal Relations Committee

Wednesday, December 6, 2017, 2017 at 10:00 a.m.
Fraser Valley Regional District Boardroom
45950 Cheam Avenue, Chilliwack, BC

OPEN MEETING MINUTES

FVARC Present: Councillor Brenda Falk, Vice-Chair, City of Abbotsford
Director Al Stobbart, Electoral Area "G"
Councillor Samantha Piper – Village of Harrison Hot Springs
Director Alec Niemi, Electoral Area "C"
Chris Crosman, Deputy Chief Administrative Officer, City of Chilliwack
Jake Rudolph, Deputy City Manager, City of Abbotsford

Regrets: Director Sam Waddington, Chair, City of Chilliwack
Director Jim Hinds – District of Mission
Councillor Sylvia Pranger, District of Kent
Director Wilfried Vicktor, District of Hope
John Fortolozky, CAO, District of Hope
Wallace Mah, CAO, District of Kent
Commissioner David Renwick, Cultus Lake Park Board
Alternate Director Robert Dufresne, Electoral Area "A"
Bonny Bryant, Director of Park Operations, Cultus Lake Park Board
Councillor Bonita Zarrillo, City of Coquitlam, Metro Vancouver Aboriginal
Relations Committee Observer Member
Madeline McDonald, CAO, Village of Harrison Hot Springs
Agnes Rosicki, Metro Vancouver Aboriginal Relations Committee
Ron Poole, CAO, District of Mission

Staff Present: Barclay Pitkethly, Director of Regional Programs
Jessica Morrison, Policy Analyst – First Nations
Tina Mooney, Executive Assistant (Recording Secretary)
Chris Lee, Departmental Secretary

1. CALL TO ORDER

Barclay Pitkethly, Director of Regional Programs/FVARC called the meeting to order at 10:07 a.m.

2. APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

STOBBART/PIPER

THAT the Agenda, Addenda and Late Items for the Fraser Valley Aboriginal Relations Committee Meeting of December 6, 2017 be approved;

AND THAT all delegations, reports, correspondence and other information set to the agenda be received for information.

[FVARC 2017-21]

CARRIED

3. DELEGATIONS AND PRESENTATIONS

Naxaxalhts'i, Hon.LL.D.UVic (Albert 'Sonny' McHalsie) Historian/Cultural Advisor, Stó:lō Research and Resource Management Centre Narrator/Tour Guide, Bad Rock Tours(SRRMC/Stó:lō Tourism) provided a Halq'eméylem/Sxwōxwiyam lesson, teaching on language and the importance of sharing Stó:lō culture and shared the story of Baby's Lake (Chilliwack Lake) from Coast Salish Mythology.

Vice-Chair Falk thanked Sonny McHalsie for his presentation.

4. MINUTES/MATTERS ARISING

4.1 Minutes of the Fraser Valley Aboriginal Relations Committee Meeting - September 7, 2017

PIPER/STOBBART

THAT the Minutes of the Fraser Valley Aboriginal Relations Committee meeting of September 7, 2017, be approved.

[FVARC 2017-22]

CARRIED

5. NEW BUSINESS

5.1 Interim Report of the Mission and Murdered Indigenous Women and Girls Inquiry

The corporate report dated December 6, 2017, from Jessica Morrison, Policy Analyst – First Nations was provided for information.

5.2 Jumbo Glacier SCC Decision – Ktunaxa v MFLNRO

The corporate report dated December 6, 2017, from Jessica Morrison, Policy Analyst – First Nations was provided for information.

Discussion ensued regarding the differences in the Tsilhqot'in decision and the Jumbo Glacier SCC Decision. The Tsilhqot'in argument was land based but the argument in the Jumbo Glacier SCC Decision was freedom of religion. This could change how local governments move forward in terms of consultation.

5.3 FVRD and SXTA Community to Community Forum Updated

The corporate report dated December 6, 2017, from Jessica Morrison, Policy Analyst – First Nations was provided for information.

It was noted that the date for the Community to Community Forum is confirmed for March 1, 2018 which will consist of a morning cultural tour, lunch and an afternoon of working with the facilitator to discuss how the relationship can move forward and work together in the future.

5.4 Semá:th (Sumas) Community-to-Community Forum

The corporate report dated December 6, 2017, from Jessica Morrison, Policy Analyst – First Nations was provided for information.

The Community to Community Forum took place on October 17, 2017 and a Declaration of Title was filed in September 2017 and there are no immediate implications to the Fraser Valley Regional District. We will continue to move forward with the policy that was adopted which is engagement, communication, collaboration and promoting good working relationships.

5.5 FVARC Visioning Session Results

The corporate report dated December 6, 2017, from Jessica Morrison, Policy Analyst – First Nations was provided for information.

Discussions ensued about the renewed purpose, structure and function of the committee which included:

- Participants were presented with how to move forward with inclusivity of membership, clarification of committee function, and reconciliation framework;
- The feedback included the importance of education, relationship building and being proactive in the committee's work;
- The draft vision will be presented to RACS and Board in December 2017;
- Option 2 which is a Collaborative Committee was the consensus on the new structure;
- Committee should focus on communication and group discussion and be more of an advisory panel to obtain feedback and promote change;
- Recommendations would be made but decisions making would still require Board approval;
- Issues could be raised by member municipalities and electoral areas and generate discussion;
- First nations participation was encouraged;
- It was noted that First Nations representation could be invited to participate but would be reminded that the committee is not a venue to discuss treaty but rather a place to share ideas and how to build better relationships;

- Concerns were expressed about the potential breakdown of information sharing if the purpose of the committee was relationship building only and all information including treaty discussions was not presented. Some items may be brought directly to Board and not FVARC which could pose a problem as the same information would not be disseminated to the committee which could cause confusion;
- The evolution of the committee could be that it is project based, operational relationship building committee where recommendations are brought to Board for approval; and
- The purpose of the change is not too isolate the committee but to generate discussion with first nations and moving those ideas to Board.

6. OTHER MATTERS

None.

7. LATE ITEMS

None.

8. ITEMS FOR INFORMATION AND CORRESPONDENCE

8.1 District of Kent Community to Community Forum re: Fraser River Sediment Removal

9. REPORTS BY STAFF

Jessica Morrison, Policy Analyst – First Nations noted that the Cheam elections took place on November 29 and the only change was an addition of a new councillor and the updated information will be available on the Cedar Network.

10. REPORT BY DIRECTORS

Director Niemi discussed the First Nations Community Volunteer Income Tax Clinics Pilot Project which helps first nations' access benefits they are entitled to and he would like to host a first nations' Chief Financial Officer's workshop to share the information and present the Cedar Network. Staff will meet to discuss next steps.

14. PUBLIC QUESTION PERIOD FOR ITEMS RELEVANT TO AGENDA

None

15. RESOLUTION TO CLOSE MEETING

NIEMI/STOBBART

THAT the FVARC meeting be closed to the public except for senior staff and Executive Assistant, for the purpose of receiving and adopting Closed Meeting Minutes and to consider matters pursuant to:

- Section 90(2)(b) of the Community Charter - the consideration of information received and held in confidence relating to negotiations between the Regional District and a provincial government or the federal government or both, or between a provincial government or the federal government or both and a third party.

[FVARC 2017-23]

CARRIED

RECESS

16. RECONVENE OPEN MEETING

The open meeting was reconvened at 11:16 a.m.

17. RISE AND REPORT OUT OF CLOSED MEETING

None.

18. ADJOURNMENT

NIEMI/STOBBART

THAT the Fraser Valley Aboriginal Relations Committee Open Meeting of December 6, 2017 be adjourned.

[FVARC 2017-24]

CARRIED

The Meeting adjourned at 11:17 a.m.

MINUTES CERTIFIED CORRECT:

.....
Councillor Brenda Falk, Vice-Chair

FRASER VALLEY REGIONAL DISTRICT RECREATION, CULTURE & AIRPARK SERVICES

Wednesday, December 13, 2017 @ 6:00 p.m.

Conference Centre

1005 6th Avenue, Hope, BC

OPEN MEETING MINUTES

Present:

Dennis Adamson, Chair, Electoral Area B
Hilary Kennedy, Vice Chair, Member at Large, District of Hope
Wilfried Vicktor, Municipal Director, District of Hope
Robert Dufresne, Alternate Director, Electoral Area A
Shanon Fischer, Member at Large, District of Hope
Dianne Davies, Member at Large, Electoral Area B
Bronwyn Punch, Member at Large, Electoral Area B

Staff Present:

Milly Marshall, Director of Electoral Area Special Projects
Jaime Schween, Manager of Corporate Administration
Jody Castle, Manager of Recreation, Culture & Airpark Services
Mike Freimark, Assistant Manager of Recreation, Culture & Airpark Services

1 CALL TO ORDER By Chair

Chair Adamson called the meeting to order at 6:00 p.m.

2 APPROVAL OF AGENDA, ADDENDA AND LATE ITEMS

Kennedy/Vicktor

THAT the Agenda, Addenda and Late Items for the Recreation, Culture & Airpark Services Commission Open Meeting of December 13, 2017 be approved;

AND THAT all delegations, reports, correspondence and other information set to the Agenda be received for information.

[RCASC 64-2017]

CARRIED

3 DELEGATION

3.1 Presentation by Catherine Freimark, Vice President of the RiverMonsters

Catherine Freimark and Jessica Broswick provided a presentation on the 2017 RiverMonsters swim meet, and highlighted plans for the upcoming 2018 RiverMonsters swim meet scheduled for June 9 and 10, 2018. Discussion ensued regarding this event.

Item 5.4 was discussed at this time.

5.4 RiverMonsters Summer Swim Meet

Fischer/Kennedy

THAT the Hope RiverMonsters Swim Club be provided use of the Dan Sharrers Aquatic Centre on June 9th and 10th, 2018 at no charge for the purposes of hosting a summer swim meet;

AND THAT the Recreation, Culture & Airpark Services Commission support the District of Hope Special Event Application by the Hope RiverMonsters Swim Club for use of the 6th Avenue Park field to enable overnight camping for the swim meet;

AND FINALLY THAT the Hope RiverMonsters Swim Club incurs associated lifeguarding fees for the duration of the swim meet.

[RCASC 68-2017]

CARRIED

Catherine Freimark and Jessica Broswick left the meeting at 6:08 p.m.

4 MINUTES/MATTERS ARISING

4.1 Recreation, Culture & Airpark Services Commission Open Meeting – 10 26 2017

Discussion ensued regarding the minutes of October 26, 2017. It was noted that Fraser Valley Regional District Hope and District Recreation Commission Establishment Bylaw No. 1192, 2012 does not allow for Commissioners at Large to vote on budgetary matters.

Dufresne/Vicktor

THAT the Minutes of the Recreation, Culture & Airpark Services Commission Open Meeting of October 26, 2017 be adopted.

[RCASC 65-2017]

CARRIED

4.2 Recreation, Culture & Airpark Services Commission Special Open Meeting – 11 27 2017

Davies/Kennedy

THAT the Minutes of the Recreation, Culture & Airpark Services Commission Special Open Meeting of November 27, 2017 be adopted.

[RCASC 52-2017]

CARRIED

5 NEW BUSINESS

5.1 School District 78 Career Fair

Punch/Fischer

THAT the conference room, mezzanine and arena floor (if available), including tables and chairs, be provided at no charge to School District 78 for the purposes of hosting the 2nd Annual Science and Career Fair on Thursday, April 26th, 2018;

AND THAT the organizers be responsible for set-up and clean-up of the event.

[RCASC 66-2017]

CARRIED

5.2 Club Child

Discussion ensued regarding this program. It was noted that the program has seen increased attendance; and that there is potential for a new afterschool program to start in the area.

5.3 Hope and District Figure Skating Club Annual Ice Show

Punch/Fischer

THAT the Recreation, Culture and Airpark Service Commission enable use of the arena at a rate of \$444.00 for the Hope and District Figure Skating Club for their annual ice show scheduled for Saturday, March 10, 2018.

[RCASC 67-2017]

CARRIED

5.5 Hope and District Rates and Fees Bylaw No. 1464 2017

Vicktor/Punch

THAT the Fraser Valley Regional District Hope and District Recreation Centre Fees and Other Charges Amendment Bylaw No. 1464, 2017 be forwarded to the Fraser Valley Regional District Board for three readings and adoption.

[RCASC 69-2017]

CARRIED

5.6 Expression of Interest Appointment for District of Hope and Area B

Discussion ensued regarding the appointments. It was noted that the posting will be run in the local paper.

6 STAFF AND STANDING REPORTS

6.1 RCAS Commission and Staff Christmas Gathering

Discussion ensued regarding this event. It was noted that the event was to take place on Sunday, December 17, 2017.

6.2 National Kids Cancer Ride

A letter dated October 16, 2017 from the National Kids Cancer Ride Team was provided for information.

7 RESOLUTION TO CLOSE MEETING

Dufresne/Punch

THAT the meeting be closed to the public, except for Senior Staff, for the purpose of receiving and adopting Closed Meeting Minutes convened in accordance to Section 90 of the *Community Charter* and to consider matters pursuant to:

Section 90(1)(k) of the *Community Charter* – negotiations and related discussions respecting the proposed provision of a municipal service that are at their preliminary stages and that, in the view of the council, could reasonably be expected to harm the interests of the municipality if they were held in public.

[RCASC 70-2017]

CARRIED

The meeting adjourned at 6:26 p.m

8 RISE AND REPORT OUT OF CLOSED MEETING

Dufresne/Kennedy

THAT staff sole source GEOptimize Inc. for the purpose of undertaking an assessment of the Recreation Centre and curling rink to determine the technical and financial feasibility of a geothermal heat pump system installation;

AND THAT staff be authorized to enter into a service agreement with GEOptimize Inc. in the amount of thirty one thousand dollars for this purpose.

[RCASC 71-2017]

CARRIED

9 REPORTS BY COMMISSION MEMBERS

Commissioner at Large Punch noted recent applications for the Governor General Achievement Award to recognize outstanding service within the community.

Chair Adamson expressed his pleasure of serving as Chair to the Commission, and commended staff on the excellent customer service provided.

10 NEXT MEETING

It was noted that there would be a poll conducted to determine the next meeting of the Recreation, Culture and Airpark Services Commission.

11 ADJOURNMENT

Fischer/Dufresne

THAT the Open meeting of Recreation, Culture & Airpark Services Commission of December 13, 2017 be adjourned.

[RCASC 72-2017]

CARRIED

The meeting was adjourned at 7:18 p.m.

MINUTES CERTIFIED CORRECT:

.....

Director Dennis Adamson, Chair

.....

Corporate Officer / Deputy



FRASER VALLEY REGIONAL DISTRICT INTERNAL AFFAIRS COMMITTEE

Wednesday, December 20, 2017

Fraser Valley Regional District Kingston Meeting Room
45950 Cheam Avenue, Chilliwack, BC

OPEN MEETING MINUTES

Present:

Director Kelly Chahal, City of Abbotsford
Director Bill Dickey, Electoral Area D
Director Jason Lum, City of Chilliwack

Regrets:

Director Wilfried Vicktor, District of Hope

Staff Present:

Paul Gipps, Chief Administrative Officer
Suzanne Gresham, Director of Corporate Initiatives
Amanda Molloy, Executive Assistant to the CAO and Board of Directors

1. CALL TO ORDER

The meeting was called to order at 5:31pm.

2. RESOLUTION TO CLOSE MEETING

CHAHAL/LUM

THAT the Meeting be closed to the public, except for Senior Staff and the Executive Assistant, for the purpose of receiving and adopting Closed Meeting Minutes convened in accordance to Section 90 of the Community Charter and to consider matters pursuant to:

- Section 90(1)(a) of the Community Charter - personal information about an identifiable individual who holds or is being considered for a position as an officer, employee or agent of the municipality or another position appointed by the municipality;

- Section 90(1)(c) of the Community Charter - labour relations or other employee relations; and
- Section 90(1)(g) of the Community Charter – litigation or potential litigation affecting the municipality.

[IAC 2017-001]

CARRIED

3. RISE AND REPORT

None.

4. ADJOURNMENT

LUM/CHAHAL

THAT the Internal Affairs Committee Meeting of December 20, 2017 be adjourned.

[IAC 2017-002]

CARRIED

The meeting adjourned at 6:24pm.

MINUTES CERTIFIED CORRECT:

.....
Director Bill Dickey, Chair

.....
Corporate Officer / Deputy



LOWER MAINLAND

LOCAL GOVERNMENT ASSOCIATION

TO: Mayor/Chair; Council/Board

FROM: Councillor Corisa Bell, LMLGA Past President

DATE: January 10, 2018

RE: 2018 CALL FOR NOMINATIONS

Please include the following information on your next meeting agenda.

This circular is notice of the Lower Mainland LGA Executive positions open for nomination, the process and the procedures for nomination.

The deadline for receipt of your nomination is **Friday, March 30, 2018**. The LMLGA Conference and AGM will be held on May 9-11, 2018 in Whistler.

The Lower Mainland LGA is the collective voice for local government on the Lower Mainland, including local governments in the Greater Vancouver Regional District, the Squamish-Lillooet Regional District and the Fraser Valley Regional District. The membership elects directors to the Executive during the Convention, and the Executive is charged with ensuring that policy direction set by the general membership is carried forward. The Executive also provides operational and policy direction to the LMLGA between Conventions.

1. POSITIONS OPEN TO NOMINATIONS

The following positions are open for nomination:

- President
- First Vice-President
- Second Vice-President
- Third Vice-President*
- Directors at Large (3 positions)*

**At the May 2015 conference, Resolution SR1 "Resolution to Amend the LMLGA Bylaws to Change the Executive Structure" was endorsed by the membership. SR1 changed the Executive structure to include a Third VP and eliminated one Director at Large position.*

2. NOMINATION PROCESS AND QUALIFICATIONS FOR OFFICE

The candidate must be an elected official of an LMLGA member. The candidate must be nominated by two elected officials of an LMLGA local government member.

Background information regarding the primary responsibilities and commitments of an LMLGA Executive member is available upon request.

A nomination and consent form is attached and should be used for all nominations.

The Chair of the 2018 Nominating Committee is Councillor Corisa Bell, Past President.

3. NEXT STEPS

It is part of the duties of the Nominating Committee to review the credentials of each candidate. A Report on Nominations including, at the candidate's option, a photo and 200-word biography will be prepared under the direction of the Nominating Committee and distributed in the LMLGA Convention Newsletter, which is distributed on-site at the conference. It is not the responsibility of LMLGA to edit applicant materials to make them suitable for print. If materials are not provided on time and print ready, LMLGA reserves the right not to include them in the newsletter.

To be included in the Convention Newsletter, send your current photo, biography and completed nomination form to:

jjustason@ubcm.ca AND cbell@mapleridge.ca

With subject line: LMLGA Nomination Package – “applicant name”

Deadline: March 30, 2018

4. FINAL COMMENTS

The nomination process does not change the process allowing candidates to be nominated off the floor at the Convention. That process remains in place. The process outlined above provides for those that are interested in seeking office to be directly nominated prior to the Convention.

5. FURTHER INFORMATION

The attached consent form is available online at lmlga.ca. All other inquiries should be directed to:

Councillor Corisa Bell, Past President
Chair, 2018 Nominating Committee
c/o LMLGA
60-10551 Shellbridge Way
Richmond, BC V6X 2W9
Email: cbell@mapleridge.ca

NOMINATIONS FOR THE 2018 LMLGA EXECUTIVE

We are qualified under the LMLGA Constitution to nominate¹ a candidate and we nominate:

Name of nominee: _____

Local government position (Mayor/Councillor/Director): _____

Local government represented: _____

LMLGA Executive office nominated for: _____

Printed Name of nominator: _____ Printed Name of nominator: _____

Position: _____ Position: _____

Local Gov't: _____ Local Gov't: _____

Signature: _____ Signature: _____

CONSENT FORM

I consent to this nomination and attest that I am qualified to be a candidate for the office I have been nominated to pursuant to the LMLGA Constitution². I also agree to provide the following information to the Chair, LMLGA Nominating Committee (c/o LMLGA Office) by March 30, 2018:

- 2"x3" Photo (high resolution)
- Biographical information. No more than 200 words in length.

Printed Name: _____

Running for (position): _____

Local Government: _____

Signature: _____

Date: _____

¹ Nominations require two elected officials of members of the Association.

² All nominees of the Executive shall be elected representatives of a member of the Association.

**Return to: Chair, 2018 Nominating Committee
c/o LMLGA, 60-10551 Shellbridge Way, Richmond, BC V6X 2W9**



LOWER MAINLAND

LOCAL GOVERNMENT ASSOCIATION

TO: Mayor/Chair; Council/Board

FROM: Councillor Jason Lum, LMLGA President

DATE: January 10, 2018 (4 pages total)

RE: 2018 CALL FOR RESOLUTIONS - ANNUAL GENERAL MEETING

Please include the following information on your next meeting agenda.

This circular is a notice of the Lower Mainland LGA Call for Resolutions.

The Lower Mainland LGA Convention and AGM will be held on May 9-11, 2018 in Whistler and we are **now accepting resolutions from the membership**. The deadline for receipt of your resolutions is **Friday, March 23, 2018**.

We encourage LMLGA members to submit their resolutions to the LMLGA for debate, rather than submitting them to UBCM. This is also the process preferred by UBCM. LMLGA-endorsed resolutions on province-wide issues are submitted *automatically* to UBCM for consideration at the UBCM Convention. Resolutions received from the LMLGA, and supported by our membership as a whole, tend to hold more weight than those that are submitted by individual communities.

DEADLINE FOR RESOLUTIONS

All resolutions must be received in the LMLGA office by: **FRIDAY, MARCH 23, 2018**.

SUBMISSION REQUIREMENTS

Resolutions submitted to the LMLGA for consideration shall be submitted as follows:

- one copy of the resolution via email to Jamee Justason at jjustason@ubcm.ca with subject header "Resolution-title of your resolution" or, in the case of multiple resolutions, subject header "Resolution-X number enclosed";
- include a cover letter as an attachment outlining how many resolutions you have sent and the title of each resolution;
- each resolution should not contain more than two "whereas" clauses; and
- background documentation must accompany each resolution submitted, when available, and should be labeled "Background-Name of Resolution".

You WILL receive an email notification that your resolution has been received within one week of receipt. If you do not receive an email confirmation, please call Jamee Justason at 604-270-8226, Ext. 100.

Sponsors should be prepared to introduce their resolutions on the Convention floor.

LATE RESOLUTIONS

1. Resolutions submitted following the expiry of the regular deadline (March 23) shall be considered "Late Resolutions" and must comply with all other submission requirements. Late resolutions must be received by LMLGA no later than 12 noon on Monday, May 7, 2018.
2. Late resolutions shall be considered for discussion after all resolutions printed in the Resolutions Book have been debated.
3. Late resolutions are deemed to be appropriate for discussion only if the topic is such that it has arisen since or was not known prior to the regular deadline date for submission of resolutions.
4. In the event that a late resolution is recommended to be admitted for discussion LMLGA shall produce sufficient copies for distribution at the Convention.

SUBMIT RESOLUTIONS TO:

**Lower Mainland LGA
60-10551 Shellbridge Way
Richmond, BC V6X 2W9**

Phone: (604) 270-8226 ext. 100

Fax: (604) 270-9116

Email: jjustason@ubcm.ca

THE RESOLUTIONS PROCESS

1. Members submit their resolutions to Area Association for debate.
2. The Area Association submits the endorsed resolutions of provincial interest to UBCM.
3. The UBCM Resolution Committee reviews the resolutions submitted for consideration at the UBCM Convention.
4. Endorsed resolutions at the UBCM Convention are conveyed to the appropriate order of government, or relevant organization, for responses.
5. Once the responses have been conveyed to the UBCM they are forwarded to the sponsor for their review.

GUIDELINES FOR PREPARING RESOLUTIONS

The Construction of a Resolution:

All resolutions contain a preamble and enactment clause. The preamble describes *the issue* and the enactment clause outlines *the action being requested*. A resolution should answer the following three questions:

- What is the problem?
- What is causing the problem?
- What is the best way to solve the problem?

Preamble:

The preamble commences with a recital, or "WHEREAS", clause. This is a concise sentence about the nature of the problem or the reason for the request. It should clearly and briefly outline the reasons for the resolution.

The preamble should contain no more than two "WHEREAS" clauses. If explaining the problem requires more than two "WHEREAS" clauses, then provide supporting documents to describe the problem more fully. Do not add extra clauses.

Enactment Clause:

The enactment clause begins with the words "THEREFORE BE IT RESOLVED". It must convey the resolution's intent, and should propose a specific action by LMLGA.

Keep the enactment clause as short as possible, and clearly describe the action being requested. The wording should leave no doubt about the proposed action.

How to Draft a Resolution:**1. *Address one specific subject in the text of the resolution.***

Since your community seeks to influence attitudes and inspire action, limit the scope of a resolution to one specific subject or issue. Delegates will not support a resolution if the issues it addresses are too complex for them to understand quickly.

2. *Use simple, action-oriented language and avoid ambiguous terms.*

Explain the background briefly and state the desired action clearly. Delegates can then consider the resolution without having to struggle with complicated text or vague concepts.

3. *Provide factual background information.*

Even a carefully constructed resolution may not clearly indicate the problem or the action being requested. Where possible, provide factual background information to ensure that the "intent" of the resolution is understood.

Two types of background information help to clarify the "intent" of a resolution:

i Supplementary Memo:

A brief, one-page memo from the author, that outlines the background that led to the presentation and adoption of the resolution by the local government.

ii Council/Board Report:

A report on the subject matter, presented to council or board in conjunction with the resolution. If it is not possible to send the entire report, then extract the essential background information and submit it with the resolution.

Resolutions submitted without adequate background information will not be considered until the sponsor has been consulted and has provided documentation outlining the intent of the resolution.

4. *Construct a brief, descriptive title.*

A title assists to identify the intent of the resolution and eliminates the possibility of misinterpretation. It is usually drawn from the "enactment clause" of the resolution.

For ease of printing in the Annual Report and Resolutions Book and for clarity of intent, a title should be no more than three or four words.

5. Check legislative references for accuracy.

Where necessary, identify:

- the correct jurisdictional responsibility (e.g., ministry or department within the provincial or federal government)
- the correct legislation, including the name of the Act

6. Focus on issues that are relevant to all LMLGA members.

The issue identified in the resolution should be relevant to other local governments in the LMLGA. This will support proper debate on the issue and assist LMLGA or UBCM to represent your concern effectively to the provincial or federal government on behalf of all local governments.

7. Avoid repeat resolutions.

In the past, resolutions have come back year after year on the same topic. Elected officials and staff are encouraged to search the UBCM Resolutions database available through the website at www.ubcm.ca. Click on the “Resolutions and Policy” tab at the top of the page. It will be possible to locate any resolutions on the same topic that have been considered in the past and what the response has been. Endorsed resolutions are part of the advocacy agenda and duplicates are not required.

8. Ensure that your own local government’s process for consideration, endorsement, and conveyance of resolutions to LMLGA/UBCM is followed.

MODEL RESOLUTION

SHORT TITLE: _____

Local Government Name _____

WHEREAS _____
_____;

AND WHEREAS _____
_____;

THEREFORE BE IT RESOLVED that _____
_____.

(Note: A second resolve clause if it is absolutely required should start as follows:)

AND BE IT FURTHER RESOLVED that _____
_____.

If you have any questions, please contact Jamee Justason by email at jjustason@ubcm.ca or by calling (604) 270-8226 ext. 100.

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Jaime Schween, Manager of Corporate Administration

File No: 0390-20-2018

Subject: LMLGA AGM and Conference: May 9 to 11, 2018, Whistler BC

RECOMMENDATION

THAT the Fraser Valley Regional District Board authorize the Board Chair, Board Vice Chair and Chief Administrative Officer to attend the 2018 LMLGA AGM and Conference to be held in Whistler, BC from May 9 to 11, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 101.

BACKGROUND

In 2017, the Board Vice Chair and CAO attended the Conference which was held in Harrison Hot Springs, BC.

DISCUSSION

The Agenda for this Conference is not yet available; however, the theme for this year's conference is "Connectivity". This Conference includes a tradeshow, workshops, seminars, keynote speakers, as well as the annual AGM and resolution session.

As this Conference is historically well attended, staff is bringing this forward for discussion prior to registration opening in February 2018.

Approval is also being sought from the Board for the attendance of Electoral Area Directors, as designated.

COST

The Conference registration fees is \$440.00, plus taxes. The cost of the hotel room is \$179 plus taxes, per night, per person. As the Conference is held in Whistler, the only travel costs will be mileage.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. Funds are included in the Regional Administration (101) budget to support attendance at the LMLGA AGM and Conference.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Jaime Schween, Manager of Corporate Administration

File No: 0390-20-2018

Subject: Electoral Area Director attendance at LMLGA AGM and Conference: May 9 to 11, 2018

RECOMMENDATION

THAT the Fraser Valley Regional District Board authorize Electoral Area Directors as designated to attend the 2018 LMLGA AGM and Conference to be held in Whistler, BC from May 9 to 11, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 102.

BACKGROUND

In 2017, seven Electoral Area Directors attended the LMLGA Conference which was held in Harrison Hot Springs, BC.

DISCUSSION

The Agenda for this Conference is not yet available; however, the theme for this year's conference is "Connectivity". This Conference includes a tradeshow, workshops, seminars, keynote speakers, as well as the annual AGM and resolution session.

As this Conference is historically well attended, staff is bringing this forward for discussion prior to registration opening in February 2018.

Approval is also being sought from the Board for the attendance of the Board Chair, Board Vice Chair and CAO.

COST

The Conference registration fees is \$440.00, plus taxes. The cost of the hotel room is \$179 plus taxes, per night, per person. As the Conference is held in Whistler, the only travel costs will be mileage.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. Funds are included in the Electoral Area Administration (102) budget to support attendance at this event. One attendee (typically the EASC Chair) is covered jointly by all electoral areas with any additional attendees covering their costs from their electoral area specific travel budget.

Paul Gipps, Chief Administrative Officer: Reviewed and supported

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Jaime Schween, Manager of Corporate Administration

File No: 0390-20-2018

Subject: FCM Annual Conference, Halifax, Nova Scotia - May 31 to June 3, 2018

RECOMMENDATION

THAT the Fraser Valley Regional District Board authorize the Board Chair, Board Vice Chair and Chief Administrative Officer to attend the FCM Annual Conference and Trade Show to be held in Halifax, Nova Scotia from May 31 to June 3, 2018.

AND THAT registration fees, accommodation and travel costs be approved from Budget 101.

BACKGROUND

In 2017, the Board Chair, Board Vice Chair and Chief Administrative Officer attended the Conference which was held in Ottawa, Ontario.

DISCUSSION

This year's FCM Conference is held at the Halifax Convention Centre in Halifax, Nova Scotia. The conference consists of four days of plenaries, workshops, industry-led seminars and networking opportunities.

The Agenda for this year's Conference has not yet been released. However, as this Conference takes place in Halifax and requires travel arrangements to be made well in advance, staff is bringing this matter forward for consideration.

Approval is also being sought from the Board for the attendance of Electoral Area Directors.

COST

The Conference registration fees for 2018 have not yet been announced. However, the registration fees for 2017 were approximately \$850.00, plus taxes. The cost of the hotel room is \$245.00, plus taxes, per night, per person. As of the date of this memo, the costs for an average flight between Vancouver and Halifax are approximately \$750.00, plus taxes, per person.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. Funds are included in the Regional Administration (101) budget to support attendance at FCM.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Jaime Schween, Manager of Corporate Administration

File No: 0390-20-2018

Subject: FCM Annual Conference, Halifax, Nova Scotia - May 31 to June 3, 2018

RECOMMENDATION

THAT the Fraser Valley Regional District Board authorize Electoral Area Directors, as designated, to attend the FCM Annual Conference and Trade Show to be held in Halifax, Nova Scotia from May 31 to June 3, 2018;

AND THAT registration fees, accommodation and travel costs be approved from Budget 102.

BACKGROUND

In 2017, four Electoral Areas Directors attended the Conference which was held in Ottawa, Ontario.

DISCUSSION

This year's FCM Conference is held at the Halifax Convention Centre in Halifax, Nova Scotia. The conference consists of four days of plenaries, workshops, industry-led seminars and networking opportunities.

The Agenda for this year's Conference has not yet been released. However, as this Conference takes place in Halifax and requires travel arrangements to be made well in advance, staff is bringing this matter forward for consideration.

Approval is also being sought from the Board for the Board Chair, Board Vice Chair and Chief Administrative Officer to attend the Conference.

COST

The Conference registration fees for 2018 have not yet been announced. However, the registration fees for 2017 were approximately \$850.00, plus taxes. The cost of the hotel room is \$245.00, plus taxes, per night, per person. As of the date of this memo, the costs for an average flight between Vancouver and Halifax are approximately \$750.00, plus taxes, per person.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. Funds are included in the Electoral Area Administration (102) budget to support attendance at this event with one attending being covered jointly by all electoral areas (typically the EASC Chair) and all other attendees being covered from their area specific travel budgets.

Paul Gipps, Chief Administrative Officer: Reviewed and supported

To: Fraser Valley Regional District Board
From: Paul Gipps, Chief Administrative Officer

Date: 2018-01-24
File No: 4200-20-2018

Subject: 2018 General Local Elections

RECOMMENDATION

THAT the Fraser Valley Regional District Board appoint Jaime Schween as the Chief Election Officer for the purposes of the 2018 general local elections;

AND THAT Pam Loat and Tina Mooney be appointed as Deputy Chief Election Officers for the purposes of the 2018 general local elections.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public
Services

BACKGROUND

Under the *Local Government Act*, the Board must appoint a Chief Election Officer and Deputy Chief Election Officer for the purposes of conducting the general local election. The Act sets out the duties of the Chief Election Officer, which is to be generally responsible for the conduct of all matters pertaining to the general local election in the FVRD's Electoral Areas, as well as any associated bylaw questions that may be coming forward for referendum. In addition, the FVRD's Chief Election Officer is also responsible for conducting the elections for rural School Trustees within FVRD's Electoral Areas.

DISCUSSION

The *Local Government Act* does not set out rates to be paid to election officials, and each individual Municipality and Regional District establishes their own rates. The establishment of rates will be outlined in a future memo in view of the expanded workload during the 2018 election cycle.

The Chief Election Officer will be providing the Electoral Area Services Committee and the Board with further details with respect to the 2018 general local election over the coming months. In the meantime, please be aware of the upcoming dates:

Nomination period begins:	Tuesday, September 4, 2018
Nomination period closes:	Friday, September 14, 2018
Advance Voting Opportunity:	Wednesday, October 10, 2018
General Voting Day:	Saturday, October 20, 2018

COST

Costs for the 2018 general local elections have been included as part of the 2018-2022 financial plan.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

To: Regional and Corporate Services Committee

Date: 2018-01-10

From: Paul Gipps, Chief Administrative Officer

Subject: Proposed Amendment to FVRD Travel and Other Expenses Policy

RECOMMENDATION

THAT the Fraser Valley Regional District Board adopt the amended draft Travel and Other Expense Policy.

BACKGROUND

As part of our year end procedures staff review policies that may be affected by changes in legislation, decisions by the board or requests from directors. This review has identified the Travel and Other Expense Policy requires some changes.

Specifically the following changes are presented for consideration:

- 1) Mileage reimbursement while on FVRD business to be set at the rate as determined by CRA (Canada Revenue Agency) rather than a specific number. This will reduce the need to update this part of the policy as determined by the Federal Government
- 2) Eliminate the need for Directors to identify claim numbers on their claims. This hasn't been done by the Directors for some time as staff generally does this as part of their process of reimbursement
- 3) Change the frequency by which claims may be submitted. Currently monthly claims are identified in the policy however some claims for mileage are ongoing and this will allow flexibility for the directors to submit their claims in a reasonable time frame and not be in conflict with the Policy.
- 4) Provide an option for Directors to take a per diem while on conference or FVRD business. Some Directors do not want to participate in meals offered at conferences and as such they want the option of sourcing their own nutritional needs. This could result in a savings to the service area as quite often the meals at conferences are very expensive.

- 5) Eliminate requiring receipts for nutritional expenses when per diems are chosen.
- 6) Change the Per Diem amount for representation at a Treaty Table from \$150 to \$200.

COMMENT BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported.



FRASER VALLEY REGIONAL DISTRICT POLICIES AND PROCEDURES

POLICY: TRAVEL AND OTHER EXPENSES

Date Issued: July 1, 1998

Date Amended:

PURPOSE AND INTENT

To determine appropriate and eligible reimbursement for travel, mileage, meals, accommodation, and other expenses for Fraser Valley Regional District Board Members and Staff while on Fraser Valley Regional District business, or at the express direction of the Fraser Valley Regional District Board.

Fraser Valley Regional District business means business within the “core services” of the Fraser Valley Regional District, or business which the Fraser Valley Regional District Board otherwise expressly directs.

This policy shall be deemed to also apply to Fraser Valley Regional Hospital District business.

Reimbursement will be paid to Fraser Valley Regional District Board Members and Staff in accordance with this policy *only* where expenses are properly claimed and are deemed to be an eligible expense.

POLICY AND PROCEDURE

1. Travel, Transportation and Mileage:

- 1.1 Mileage is reimbursed at the per kilometer rate as determined by the Canada Revenue Agency annually.
- 1.2 The maximum mileage claim for long distance automobile travel where air travel is available, is limited to the economy airfare.
- 1.3 Transportation should be undertaken by the most economical means. Where air travel is chosen, it should be done using economy rates.
- 1.4. All other travel costs, including but not limited to parking, transit passes, and bus tickets, shall be reimbursed at actual cost and must be supported by receipts in order to be eligible for reimbursement.
- 1.5 (Board members only) Reimbursement for travel, transportation and mileage shall be on the following basis in order to be claimed as an eligible expense:
 - 1.5.1 travel to meetings of the Fraser Valley Regional District Board and Fraser Valley Regional District Board standing or select committees or commissions of which the Board Member is an appointed member;

Travel and Other Expenses Claim Policy and Procedure

- 1.5.2 travel to public hearings and public information meetings to which the Board Member is required to attend;
 - 1.5.3 travel to meetings of other Boards, groups or associations, or other meetings to which the Board Member has been appointed by the Fraser Valley Regional District Board to represent the Fraser Valley Regional District, and where reimbursement is not otherwise provided to the Board Member;
 - 1.5.4 travel to meetings of FVRD business related to Advisory Bodies (e.g. Advisory Planning Commissions) or local service management committees (e.g. Deroche Water Committee) which function within the Director's electoral area or municipality;
 - 1.5.5 travel on FVRD business by the Vice Chair to FVRD in the absence of the Chair;
 - 1.5.6 travel related to FVRD business, including constituency related meetings provided; however, that the maximum amount of such mileage claimed shall not exceed 400 km in any calendar month.
 - 1.5.7 travel to meetings (on average one (1) trip maximum per week) at the Fraser Valley Regional District Corporate office in Chilliwack, exclusive of Fraser Valley Regional District Board and committees meetings at the FVRD Corporate office in Chilliwack. Board Members are also entitled to be reimbursed for one (1) meal with receipts.
 - 1.6 Any mileage claimed under this Policy must include the following information, i.e. who, why, where, when, what and how many km:
 - Date of travel (when)
 - Each location travelled to (where)
 - Distance travelled (how many)
 - Purpose of the travel (what). If the purpose was to meet with a constituent or group, the name of the people as well as the reason for the meeting is to be included. (who, why)
 - 1.7 Travel expense claims should be submitted monthly for reimbursement, or as soon as reasonably possible.
 - 1.8 The Board may, at its discretion, assign a FVRD vehicle to a Board Director to perform the duties of his/her office when doing so is shown to be of greater financial benefit than paying a per KM reimbursement rate. The allocation of costs associated with the FVRD vehicle will follow the same process as per KM reimbursement.
2. **Accommodation:**
- 2.1 Accommodation is reimbursed at cost and requires that original receipts be submitted.

Travel and Other Expenses Claim Policy and Procedure

- 2.2 Accommodation allowance in lieu of hotel accommodation is \$40 per night.
- 2.3 (Board members only) Reimbursement for accommodation is approved on the following basis:
 - a. for accommodation within the Fraser Valley Regional District while on Fraser Valley Regional District business;
 - b. for accommodation outside the Fraser Valley Regional District with prior Board approval; or
 - c. the Board Chair shall be entitled to claim for accommodation outside the Fraser Valley Regional District without prior Board approval where travel and accommodation is deemed necessary and in the interests of Fraser Valley Regional District business, whereupon a report will be submitted to the Board at the next Board meeting for information.

3. **Meal Allowances:**

- 3.1 Board members or staff may claim per diem or actual costs for nutritional requirements while on FVRD business.
- 3.2 Where a per diem does not apply, meals including gratuities (not exceeding 15%) shall be at cost.
- 3.3 To be eligible for reimbursement for meals, the following criteria must be met:
 - a. Original detailed restaurant receipts are required for all meal expenditures. If paying by credit card please include credit card stub which provides total cost of meal including tip.
 - b. If third parties are involved in the meal, the name of the third party and meeting purpose must be written onto the receipt or expense claim.
 - c. Any meals provided with accommodation, conferences or other events should not be claimed for reimbursement.
 - d. Where the option for per diems is selected, the following meal allowances will be paid:

Breakfast: \$ 15.00

Lunch: \$ 25.00

Dinner: \$ 35.00

- 3.4 Electoral Area Relationship Building Meal Allowance:
 - a. An Electoral Area Director may claim for meal expenses incurred when meeting with local community leaders.
 - b. A maximum of \$250 per annum may be claimed under this section.

- c. All claims under this allowance must follow the criteria noted under Section 3.2.

4. **Other Expenses (Board members only):**

- 4.1 Cell Phone - where a personal cell phone is used for conducting FVRD business, the Director may claim reimbursement for their monthly cellular cost. The reimbursement should reflect the percentage of use attributed to FVRD business.
- 4.2 Home Internet – Directors are expected to have home internet in order to access agendas, reports, information and emails from the FVRD. As such, a Director may claim reimbursement for their monthly home internet cost. The reimbursement should reflect the percentage of use attributed to FVRD business.
- 4.3 Home Office – an Electoral Area Director may incur some cost in setting up a home office for performing the duties of their office. An amount, not to exceed \$500 per 4 year election term, may be claimed with supporting receipts and confirmation that the supplies are being used for an EA Director Home Office.

5. **Fraser Valley Aboriginal Relations Committee – Treaty Table Representative Per Diem**

Fraser Valley Aboriginal Committee members who have been appointed to represent the Fraser Valley Regional District Board at Treaty Tables will be eligible to claim \$200.00 per diem while attending the treaty negotiations and will also be eligible for expense reimbursement.



FRASER VALLEY REGIONAL DISTRICT POLICIES AND PROCEDURES

POLICY: TRAVEL AND OTHER EXPENSES

Date Issued: July 1, 1998

Date Amended: September 29, 2015

PURPOSE AND INTENT

To determine appropriate and eligible reimbursement for travel, mileage, meals, accommodation, and other expenses for Fraser Valley Regional District Board Members and Staff while on Fraser Valley Regional District business, or at the express direction of the Fraser Valley Regional District Board.

Fraser Valley Regional District business means business within the “core services” of the Fraser Valley Regional District, or business which the Fraser Valley Regional District Board otherwise expressly directs.

This policy shall be deemed to also apply to Fraser Valley Regional Hospital District business.

Reimbursement will be paid to Fraser Valley Regional District Board Members and Staff in accordance with this policy *only* where expenses are properly claimed and are deemed to be an eligible expense.

POLICY AND PROCEDURE

1. Travel, Transportation and Mileage:

- 1.1 Mileage is reimbursed at \$0.52 per kilometer for the first 5,000 kilometers annually, and \$0.46 for each additional kilometer thereafter.
- 1.2 The maximum mileage claim for long distance automobile travel shall be equivalent to economy airfare.
- 1.3 Transportation should be undertaken by the most economical means. Where feasible, long distance travel should be by air at economy rates.
- 1.4 All other travel costs, including but not limited to parking, transit passes, and bus tickets, shall be reimbursed at actual cost and must be supported by receipts in order to be eligible for reimbursement.
- 1.5 (Board members only) Reimbursement for travel, transportation and mileage shall be on the following basis and the corresponding “claim number” *must* be identified on all expense claims in order to be claimed as an eligible expense:
 - 1.5.1 travel to meetings of the Fraser Valley Regional District Board and Fraser Valley Regional District Board standing or select committees or commissions of which the Board Member is an appointed member;

Travel and Other Expenses Claim Policy and Procedure

- 1.5.2 travel to public hearings and public information meetings to which the Board Member is required to attend;
 - 1.5.3 travel to meetings of other Boards, groups or associations, or other meetings to which the Board Member has been appointed by the Fraser Valley Regional District Board to represent the Fraser Valley Regional District, and where reimbursement is not otherwise provided to the Board Member;
 - 1.5.4 travel to meetings of FVRD business related to Advisory Bodies (e.g. Advisory Planning Commissions) or local service management committees (e.g. Deroche Water Committee) which function within the Director's electoral area or municipality;
 - 1.5.5 travel on FVRD business by the Vice Chair to FVRD in the absence of the Chair;
 - 1.5.6 travel related to FVRD business, including constituency related meetings provided; however, that the maximum amount of such mileage claimed shall not exceed 400 km in any calendar month.
 - 1.5.7 travel to meetings (on average one (1) trip maximum per week) at the Fraser Valley Regional District Corporate office in Chilliwack, exclusive of Fraser Valley Regional District Board and committees meetings at the FVRD Corporate office in Chilliwack. Board Members are also entitled to be reimbursed for one (1) meal with receipts.
 - 1.6 Any mileage claimed under this Policy must include the following information, i.e. who, why, where, when, what and how many km:
 - Date of travel (when)
 - Each location travelled to (where)
 - Distance travelled (how many)
 - Purpose of the travel (what). If the purpose was to meet with a constituent or group, the name of the people as well as the reason for the meeting is to be included. (who, why)
 - 1.7 Travel expense claims must be submitted monthly for reimbursement.
 - 1.8 The Board may, at its discretion, assign a FVRD vehicle to a Board Director to perform the duties of his/her office when doing so is shown to be of greater financial benefit than paying a per KM reimbursement rate. The allocation of costs associated with the FVRD vehicle will follow the same process as per KM reimbursement.
2. **Accommodation:**
- 2.1 Accommodation is reimbursed at cost and requires that original receipts be submitted.
 - 2.2 Accommodation allowance in lieu of hotel accommodation is \$40 per night.

Travel and Other Expenses Claim Policy and Procedure

- 2.3 (Board members only) Reimbursement for accommodation is approved on the following basis:
- a. for accommodation within the Fraser Valley Regional District while on Fraser Valley Regional District business; and
 - b. for accommodation outside the Fraser Valley Regional District with prior Board approval.
 - c. the Board Chair shall be entitled to claim for accommodation outside the Fraser Valley Regional District without prior Board approval where travel and accommodation is deemed necessary and in the interests of Fraser Valley Regional District business, whereupon a report will be submitted to the Board at the next Board meeting for information.

3. **Meal Allowances:**

- 3.1 Where a “per diem” does not apply, meals including gratuities (not exceeding 15%) shall be at cost.
- 3.2 To be eligible for reimbursement for meals, the following criteria must be met:
- a. Original detailed restaurant receipts are required for all meal expenditures. If paying by credit card please include credit card stub which provides total cost of meal including tip.
 - b. If third parties are involved in the meal, the name of the third party and meeting purpose must be written onto the receipt or expense claim.
 - c. Beverages containing alcohol will not be eligible for reimbursement.
 - d. Individual meal expenses claimable follow the outlined per diem caps set out in Section 3(f) below.
 - e. Any meals provided with accommodation, conferences or other events are not eligible for reimbursement and can not be claimed.
 - f. Per Diems (Staff only): For Staff requiring an overnight stay, the following meal allowances will be paid subject to Section 3€:

Breakfast: \$ 15.00	Lunch: \$ 25.00	Dinner: \$ 35.00
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- 3.3 Electoral Area Relationship Building Meal Allowance:

Travel and Other Expenses Claim Policy and Procedure

- a. An Electoral Area Director may claim for meal expenses incurred when meeting with local community leaders.
- b. A maximum of \$250 per annum may be claimed under this section.
- c. All claims under this allowance must follow the criteria noted under Section 3.2.

Travel and Other Expenses Claim Policy and Procedure

4. Other Expenses (Board members only):

- 4.1 Cell Phone - where a personal cell phone is used for conducting FVRD business, the Director may claim reimbursement for their monthly cellular cost. The reimbursement should reflect the percentage of use attributed to FVRD business.
- 4.2 Home Internet – Directors are expected to have home internet in order to access agendas, reports, information and emails from the FVRD. As such, a Director may claim reimbursement for their monthly home internet cost. The reimbursement should reflect the percentage of use attributed to FVRD business.
- 4.3 Home Office – an Electoral Area Director may incur some cost in setting up a home office for performing the duties of their office. An amount, not to exceed \$500 per 4 year election term, may be claimed with supporting receipts and confirmation that the supplies are being used for an EA Director Home Office.

5. Fraser Valley Aboriginal Relations Committee – Treaty Table Representative Per Diem

Fraser Valley Aboriginal Committee members who have been appointed to represent the Fraser Valley Regional District Board at Treaty Tables will be eligible to claim \$150.00 per diem while attending the treaty negotiations and will also be eligible for expense reimbursement.

To: Fraser Valley Regional District Board
From: Paul Gipps, Chief Administrative Officer

Date: 2018-01-24

Subject: Board Addenda Items and Deadlines

INTENT

This report is intended to advise the Fraser Valley Regional District Board of information pertaining to staff deadlines for Board and Committee addenda items. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

BACKGROUND

During a recent discussion at the Regional and Corporate Services Committee, it was noted that the number of addenda items coming to Board and Committee have been increasing recently. This poses a challenge for Directors to fully prepare for the last minute items before making a decision. Part of Staff's challenge with the increasing number of addenda items is directly related to the increasing activity at the Regional District and the number of Board meetings that are available. Unlike a Municipal Council, the Regional Board only meets once per month, and deferring decisions for over 30 days or more could significantly impact our service levels to our communities.

DISCUSSION

To continue to serve our communities and better manage the addenda's coming to both Board and Committees, staff are suggesting the following changes and protocols:

- i) For items related to the Electoral Area Director decisions that are time sensitive, any addenda provided, both electronically and on table, will be clearly identified for "Electoral Directors Only", reducing the need for the entire board to be fully conversant on the topic.

This will be the same for any time sensitive matters that are for sub-regional or specific participant voting as well.

- ii) For all other addenda items submitted, Staff will more stringently assess the time sensitivity of each matter and only issue an addenda to the full Board for items that require an immediate decision. For items of less urgency, Staff will consider a special vote, which will allow more time for the Directors to consider the information before voting.

COST

None.

COMMENT BY:

Mike Veenbaas, Director of Financial Services

No further financial comments.

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Reg Dyck, Manager Electoral Area Emergency Services

File No: 7200-01

Subject: Appointment of Fire Chief for Yale and District Volunteer Fire Department

RECOMMENDATION

THAT the Fraser Valley Regional District appoint Bruce Marshall as Fire Chief for Yale and District Volunteer Fire Department in accordance with the *Fraser Valley Regional District Electoral Area Volunteer Fire Department Establishment and Regulation Bylaw No. 1198, 2013*.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

As Bruce has been the Deputy Fire Chief for Yale and District VFD and having that the present Fire Chief has left the department, Bruce has by succession defaulted into the position of Fire Chief for Yale and District VFD.

COST

No costs associated with this report.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

No further financial comments.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Reg Dyck, Manager of Electoral Area Emergency Services

File No: 7200-01

Subject: Appointment of Volunteer Fire Department Members - January 2018

RECOMMENDATION

THAT the Fraser Valley Regional District Board appoint the following volunteer fire department recruit members in accordance with the *Fraser Valley Regional District Electoral Area Volunteer Fire Department Establishment and Regulation Bylaw No. 1198, 2013*.

North Fraser VFD

Evan Stevens

Yale and District VFD

Robert Giles
Patricia Garner
Alfonso Cuilla
Kalwant Cuilla

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

The above applicants meet the selection criteria as identified in Bylaw 1198, 2013 and there is a requirement for the Board to appoint them as recruit members in their respective volunteer fire departments.

DISCUSSION

After selection, the recruit members are enrolled in a recruit training program, where they acquire basic firefighting skills and are familiarized with the FVRD. Volunteer Fire Department Standard Operative Guideline manual. Upon successful completion of the training and probationary period, the Fire Chief may grant "full member" status to the recruit firefighter.

COST

No costs associated with this report

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

No further financial comments.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Fraser Valley Regional District Board

Date: 2017-11-28

From: Sterling Chan, Manager of Engineering and Infrastructure

File No: 3920-20

Subject: Fraser Valley Regional District Lake Errock Water System Local Service Area Amendment Bylaw No. 1443, 2017, Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017 and Fraser Valley Reg

RECOMMENDATION

THAT the Fraser Valley Regional District Board consider giving first, second and third readings to the bylaw cited as *Fraser Valley Regional District Lake Errock Water System Local Service Area Amendment Bylaw No. 1443, 2017*;

AND THAT the Fraser Valley Regional District Board consider giving first, second and third readings to the bylaw cited *Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017*;

AND FURTHER THAT the Fraser Valley Regional District Board consider giving first, second and third readings to the bylaw cited *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017*.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

Recently the FVRD was awarded \$333,450 in grant funding under the Clean Water and Waste Water Fund (CWWF) program for the expansion of the Lake Errock water system in the FVRD's Electoral Area C. The purpose of the project was to provide potable water and fire protection to property owners on Bayview Road.

The bylaws discussed in this report *Fraser Valley Regional District Lake Errock Water System Local Service Area Amendment Bylaw No. 1443, 2017, Fraser Valley Regional District Lake Errock Water System Capital*

Construction Service Area Establishment Bylaw No. 1444, 2017 and Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017 (the Bylaws) are required for the project to proceed.

DISCUSSION

The proposed upgrades to the Lake Errock Water System involve the installation of 760 meters of 200mm diameter water main including the crossing of Squawkum Creek. The FVRD has hired Urban Systems Ltd. (USL) to provide engineering design services for this project. USL has estimated the cost of this project to be \$419,000.

The FVRD secured \$333,450 in funding from the Building Canada Fund Communities Component, specifically for this project. While there is some internal funding available, the outstanding balance of \$68,000 must be borrowed in order to complete the project. The proposed *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017* addresses the required borrowing.

Based on the aforementioned figures, staff have estimated that property owners along Bayview Road will pay on average \$1,220/Year for this service. Property owners connected to the original system will not see an increase in annual costs as a result of this project.

Public information meetings were held on August 29th and Sept 25th at the Sq'ewlets Band Office. FVRD staff provided residents with critical information regarding the project and based on the feedback received adjusted the project scope to better meet the needs of the community.

In accordance with the *Local Government Act* ("Act"), draft copies of the Bylaws were sent out to affected property owners and a petition process was conducted to attain resident assent. The petition process was successful as over 50% of the property owners, representing over 50% of the total value of the properties returned signed petitions.

Should the Board elect to give the Bylaws first, second and third readings, they must first be forwarded to the Inspector of Municipalities before they may be adopted. Upon the adoption of the bylaws proposed by this report, the next step in this project will be to proceed with the detailed design of the system.

COST

The total cost of the project is not expected to exceed \$419,000.

The maximum borrowing permitted by the *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017* is \$68,000 over a 20 year term.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1443, 2017

**A bylaw to amend the boundaries of the
Lake Errock Water Supply and Distribution System Service Area**

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") has been petitioned to amend and extend the boundary of the Lake Errock Water Supply and Distribution System Service Area established by Bylaw No. 0800, 2007;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017*.

2) ENACTMENTS

- a) *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Establishment Bylaw No. 0800, 2007*, is hereby amended by extending the boundaries of the Service Area to include the property shown on Schedule 1443-A attached to and forming an integral part of this bylaw.
- b) Schedule A to Bylaw No. 0800, 2007 is hereby replaced by Schedule 1443-B, attached to and forming an integral part of this bylaw. The amended boundaries of the service area shall be those portions of Electoral Area C as shown on Schedule 1443-B.
- c) That the provisions of all bylaws that are now in effect with regard to the establishment and amendment of the Lake Errock Water Supply and Distribution System Service Area shall henceforth apply to those lands outlined on Schedule 1443-B of this bylaw.

3) SEVERABILITY

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) READINGS AND ADOPTION

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this

1st day of November, 2017

READ A FIRST TIME THIS

28th day of November, 2017

READ A SECOND TIME THIS 28th day of November, 2017

READ A THIRD TIME THIS 28th day of November, 2017

ADOPTED THIS day of

Chair/Vice-Chair

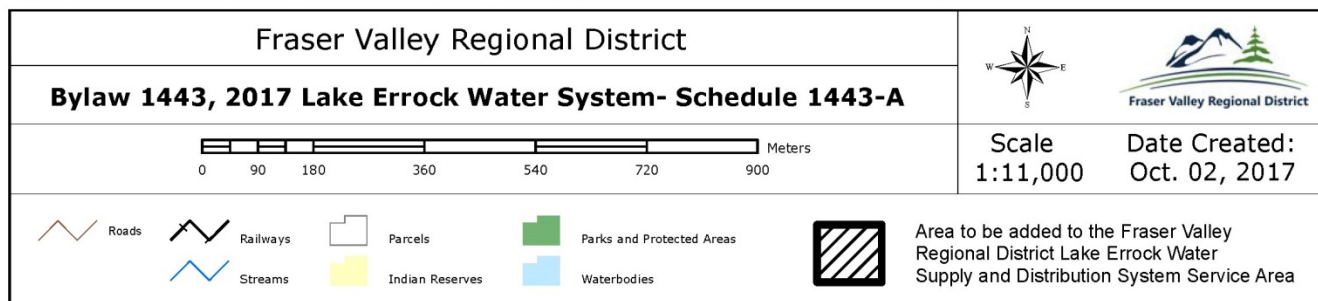
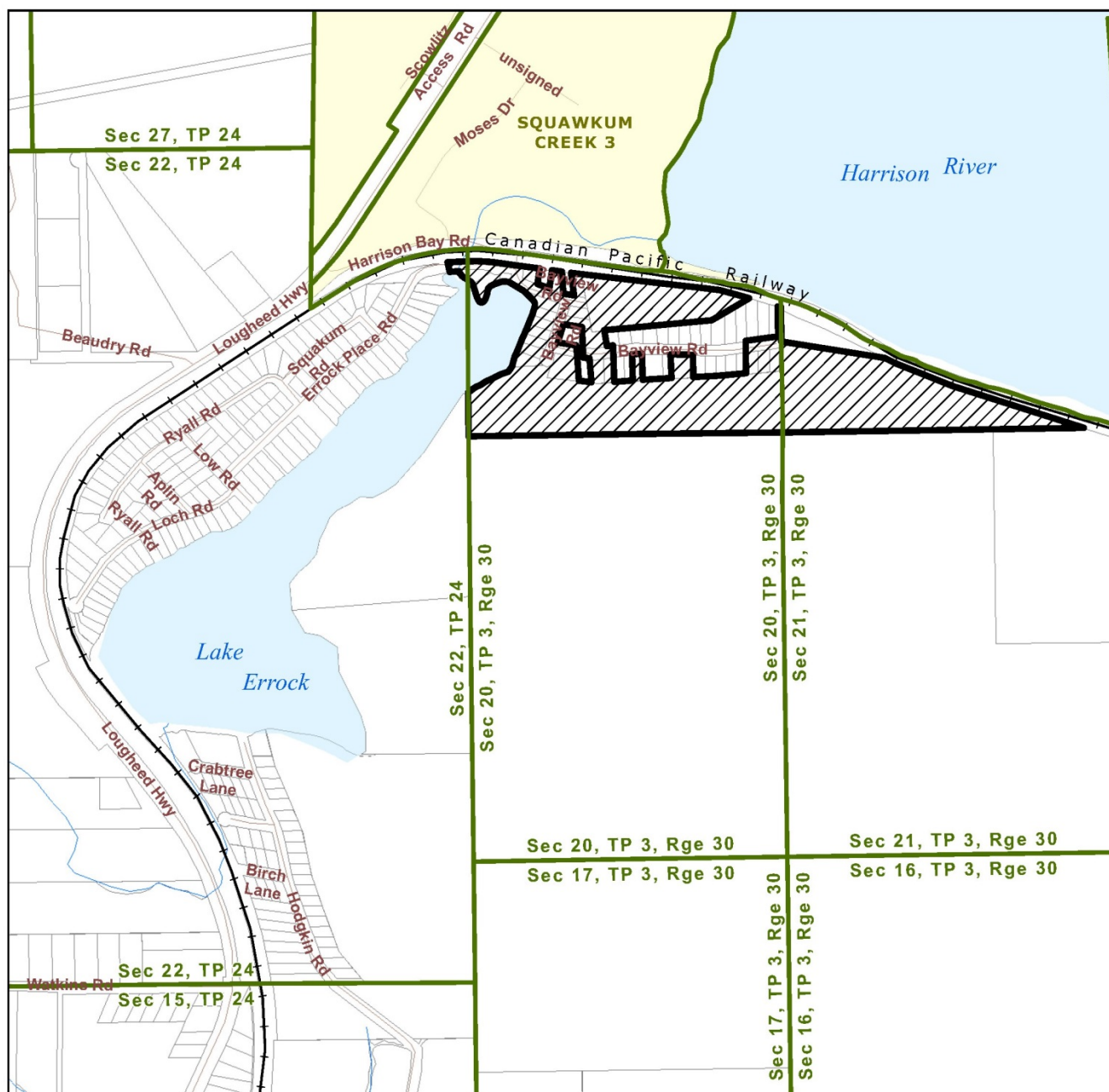
Corporate Officer/Deputy

5) CERTIFICATION

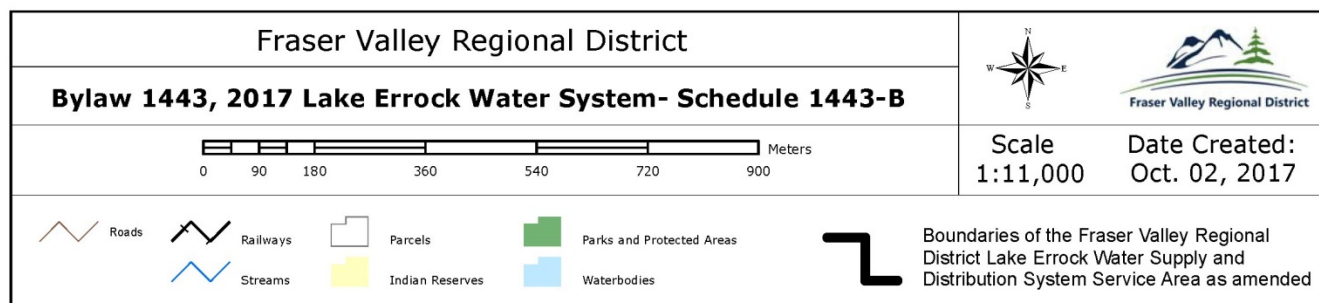
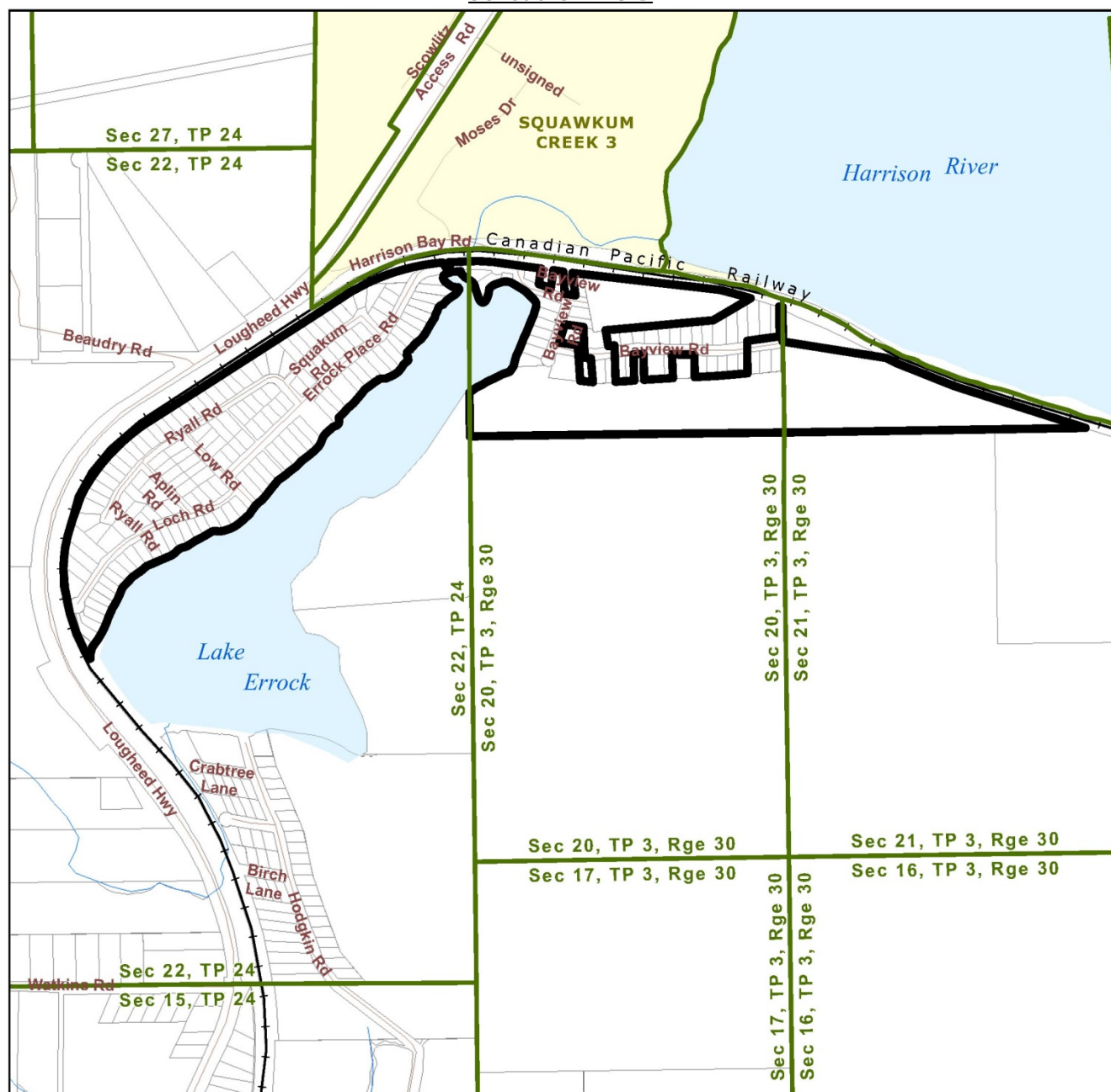
I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017* as adopted by the Fraser Valley Regional District Board on the day of , 2017.

Dated at Chilliwack, BC this day of , 2017.

Corporate Officer/Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1443 2017**Schedule 1443-A**

This is map 1 of 2 constituting Schedule 1443-A attached to and forming part of *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017*.

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1443, 2017**Schedule 1443-B**

This is map 2 of 2 constituting Schedule 1443-B attached to and forming part of *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017*.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO 1444, 2017

A Bylaw to establish the Lake Errock Water System Capital Construction Service Area

WHEREAS Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Amendment Bylaw No. 1443, 2017 extends the boundaries of the Lake Errock Water Supply and Distribution System;

AND WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to establish a separate service for the purposes of constructing the infrastructure to service the properties to be added to the Lake Errock Water Supply and Distribution System by Bylaw No. 1443, 2017;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;

THEREFORE the Board enacts as follows:

1) **CITATION**

This bylaw may be cited as *Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017*.

2) **ENACTMENTS**

- a) The Board hereby establishes the Lake Errock Water System Capital Construction Service Area within a portion of Electoral Area C for the purpose of constructing infrastructure necessary for the extension of the Lake Errock Water Supply and Distribution System ("the Works") and for doing all such things as necessary in connection therewith, including but not limited to the acquisition of real property, easements, rights of way, licenses, rights or other authorities as may be required for the construction of the Works.
- b) The participating area for the service established by this bylaw shall be Electoral Area C of the Fraser Valley Regional District.
- c) The boundaries of the service area established by this bylaw shall be as shown on Schedule 1444-A attached to and forming an integral part of this bylaw.
- d) The annual costs for the service established by this bylaw shall be recovered by one or more of the following:
 - i. Parcel taxes imposed; and/or
 - ii. The imposition of fees and other charges that may be fixed by separate bylaw for the purpose of recovering these costs; and/or
 - iii. Revenues received by way of agreement, enterprise, gift, grant or otherwise.

- e) The maximum amount that may be requisitioned annually for the entire service established by this bylaw shall be \$6,000.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this

1st day of November, 2017

READ A FIRST TIME this

28th day of November, 2017

READ A SECOND TIME this

28th day of November, 2017

READ A THIRD TIME this

28th day of November, 2017

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this

29th day of December, 2017

ADOPTED this

day of

Chair/Vice-Chair

Corporate Officer/Deputy

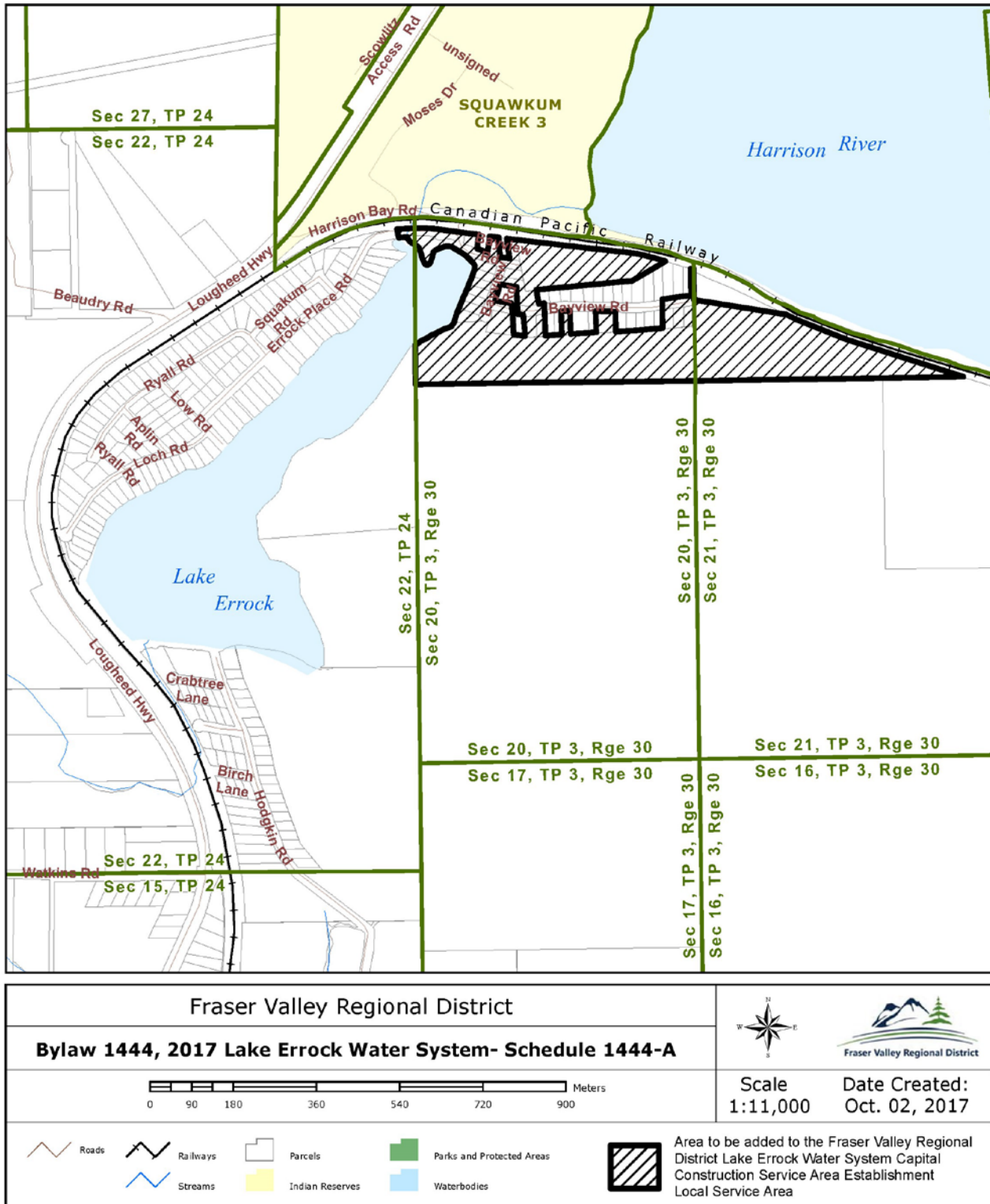
5) **CERTIFICATION**

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017* as adopted by the Fraser Valley Regional District Board of Directors on this day of

Dated at Chilliwack, BC this day of

Corporate Officer/Deputy

Fraser Valley Regional District Bylaw No. 1444, 2017
Schedule 1444-A



This is map 1 of 1 constituting Schedule 1444-A attached to and forming an integral part of *Fraser Valley Regional District Lake Errock Water System Capital Construction Service Area Establishment Bylaw No. 1444, 2017*.



Statutory Approval

Under the provisions of sections _____ **342**

of the _____ **Local Government Act**

I hereby approve Bylaw No. _____ **1444**

of the _____ **Fraser Valley Regional District**,

a copy of which is attached hereto.

Dated this _____ ***29th*** ***day***

of _____ ***December, 2017***

A handwritten signature in black ink, appearing to be "J. H. Smith", written over a horizontal line.

Deputy Inspector of Municipalities

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1445, 2017

**A Bylaw to authorize borrowing for capital costs associated with
the extension of the Lake Errock Water System Service Area**

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to extend the boundaries of the Service Area established by *Fraser Valley Regional District Lake Errock Water Supply and Distribution System Service Area Establishment Bylaw No. 0800, 2007*;

AND WHEREAS the Board has established the Lake Errock Water System Capital Construction Service Area, by Bylaw No. 1444, 2017, for the purposes of constructing infrastructure ("the Works") to serve the extended portion of the service area;

AND WHEREAS the estimated cost of constructing the Works, including expenses incidental thereto, is the sum of FOUR HUNDRED AND NINETEEN THOUSAND DOLLARS (\$419,000.00), of which the sum of SIXTY EIGHT THOUSAND DOLLARS \$68,000 is the amount of debt intended to be borrowed by this bylaw;

AND WHEREAS the maximum term for which a debenture may be issued to secure the debt created by this bylaw is for a term not to exceed twenty (20) years;

AND WHEREAS the authority to borrow under this bylaw expires five years from the date on which this bylaw is adopted;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017*.

2) ENACTMENTS

- a) The Board is hereby empowered and authorized to undertake and carry out the construction of infrastructure ("the Works") to serve the Lake Errock Water System Capital Construction Service Area. Said construction is to be carried out generally in accordance with plans on file in the Fraser Valley Regional District office, and to do all things necessary in connection therewith and without limiting the generality of the foregoing:
 - i. To borrow upon the credit of the Fraser Valley Regional District a sum not exceeding SIXTY EIGHT THOUSAND DOLLARS (\$68,000.00); and

- ii. To acquire all such real such real property, easements, rights-of-way, licenses, rights or authorities as may be requisite or desirable for, or in connection with, the construction of the Works.

- b) The maximum term for which debentures may be issued to secure the debt created by this bylaw is 20 years.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this

1st day of November, 2017

READ A FIRST TIME this

28th day of November, 2017

READ A SECOND TIME this

28th day of November, 2017

READ A THIRD TIME this

28th day of November, 2017

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this

29th day of December, 2017

ADOPTED THIS

day of

Chair/Vice-Chair

Corporate Officer/Deputy

5) **CERTIFICATION**

I hereby certify that this is a true and correct copy of *Fraser Valley Regional District Lake Errock Water System Capital Construction Loan Authorization Bylaw No. 1445, 2017* as adopted by the Board of Directors of the Fraser Valley Regional District on the day of
Dated at Chilliwack, B.C. this day of

Corporate Officer/Deputy



Statutory Approval

Under the provisions of section 403

of the Local Government Act ***and***

of section 179 ***of the*** Community Charter

I hereby approve Bylaw No. 1445

of the Fraser Valley Regional District,

a copy of which is attached hereto.

Dated this 29th ***day***

of December, ***2017***

Deputy Inspector of Municipalities

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Sterling Chan, Manager of Engineering and Infrastructure

File No: 3920-20

Subject: Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017, Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 14

RECOMMENDATION

THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited as *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017*;

AND THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017*;

AND FURTHER THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017*.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

Recently the FVRD was awarded \$1,476,298 in grant funding under the Clean Water and Waste Water Fund (CWWF) program for upgrades to the Hatzic Prairie Water System in the FVRD's Electoral Area F. The purpose of the project was to construct a new supply well and to construct a watermain extension to provide potable water and fire protection to an additional 14 property owners on Sylvester Road.

The bylaws discussed in this report *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Local Service Area Amendment Bylaw No. 1433, 2017, Fraser Valley Regional District*

Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017, Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017 (the Bylaws) are required for the watermain extension on Sylvester Road to proceed.

DISCUSSION

The proposed upgrades to the Hatzic Prairie Water System involve two project components.

The first project component is the construction of a new supply well and the installation of 2,400 meters of 200mm diameter water main connecting the new supply well to the existing system. Currently, the supply wells for this water system source water from the Hatzic Prairie Aquifer. This aquifer is what is known as an unconfined aquifer, meaning that it is not protected by a confining (impervious) layer making it susceptible to contamination from sources such as agriculture. The new well would source water from the Miracle Valley Aquifer, which in addition to being much larger than the Hatzic Prairie Aquifer it is also a confined aquifer making it protected from contamination.

The second project component is the construction of 1500 meters of 200mm diameter water main to supply potable water and fire protection to 14 homes on Sylvester Road.

The FVRD has hired Urban Systems Ltd. (USL) to provide engineering design services for this project. USL has estimated the cost of this project to be \$1,260,000 for the new water source component of the project and \$776,000 for the Sylvester Road extension component of the project.

The FVRD secured \$1,476,298 in funding from the Building Canada Fund Communities Component, specifically for this project. The new water source component of the project is fully funded between the grant funds and the service area's capital reserve. Conversely, while there is some internal funding available to help augment the grant funds for the Sylvester Road extension, there is an outstanding balance of \$188,000 must be borrowed in order to complete the project. The proposed *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017* addresses the required borrowing.

Based on the aforementioned figures, staff have estimated that property owners along Sylvester Road will pay on average \$1,970/Year for this service. Property owners connected to the original system will not see an increase in annual costs as a result of this project.

In accordance with the *Local Government Act* ("Act"), draft copies of the Bylaws were sent out to affected property owners and a petition process was conducted to attain resident assent. The petition process was successful as over 50% of the property owners, representing over 50% of the total value of the properties returned signed petitions.

Should the Board elect to give the Bylaws first, second and third readings, they must first be forwarded to the Inspector of Municipalities before they may be adopted.

While not directly related to the bylaws discussed in this report, Staff would like to make the Board aware that there is considerable concern from the public regarding the new water source. In response to this concern, a public information meeting was held on January 11th to discuss the project. The meeting was attended by over 120 people. The main concerns heard was a fear that the new water source was being pursued in order to facilitate development in the area and that the new water source would negatively impact the aquifer.

Development potential in the area is extremely limited due to constraints by the ALR and hazards from the floodplain and sloped hillside. Having access to an additional water source has no impact to the area's development potential. Staff have assured the public that the new water source is being pursued for its quality of water and to move away from a water source that is at risk of contamination.

Groundwater is a Provincially owned resource. Accordingly the Province governs which users are able to extract water from an aquifer and what volumes of water extraction are appropriate. In order for a user to extract water for nondomestic purposes ie industry, agriculture, local government owned water system, one must obtain a water license from the Province. Staff along with their consultants have completed hydrogeological investigations in support of their water license applications which have demonstrated that the new water source will not impact the aquifer. While the investigations conducted meet the Provincial requirements for a water license application and are in accordance with industry best practice, many members of the public remained unconvinced that the FVRD has done its due diligence. In response, Staff are working with the local rate payers group to determine what additional work may be required to satisfy their concerns. In an act of good faith Staff have requested that their water license application be suspended and have de-mobilized their contractors off site until the issue can be resolved.

COST

The total cost of the Sylvester Road portion of the project is not expected to exceed \$776,000.

The maximum borrowing permitted by the *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017* is \$200,000 over a 20 year term.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services Reviewed and supported.

Mike Veenbaas, Director of Financial Services Reviewed and supported.

Paul Gipps, Chief Administrative Officer Reviewed and supported

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1433, 2017

**A bylaw to amend the boundaries of the
Hatzic Prairie Water Supply and Distribution System Service Area**

WHEREAS the Fraser Valley Regional District Board of Directors (“the Board”) has been petitioned to amend and extend the boundary of the Hatzic Prairie Water Supply and Distribution System Service Area established by Bylaw No. 0837, 2007;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Amendment Bylaw No. 1433, 2017*.

2) ENACTMENTS

- a) *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Establishment Bylaw No. 0837, 2007*, is hereby amended by extending the boundaries of the Service Area to include the property shown on Schedule 1433-A attached to and forming an integral part of this bylaw.
- b) Schedule A to Bylaw No. 0837, 2007 is hereby replaced by Schedule 1433-B, attached to and forming an integral part of this bylaw. The amended boundaries of the service area shall be those portions of Electoral Area F as shown on Schedule 1433-B.
- c) That the provisions of all bylaws that are now in effect with regard to the establishment and amendment of the Hatzic Prairie Water Supply and Distribution System Service Area shall henceforth apply to those lands outlined on Schedule 1433-B of this bylaw.

3) SEVERABILITY

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) READINGS AND ADOPTION

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this 4th day of January, 2018

READ A FIRST TIME THIS day of

READ A SECOND TIME THIS day of

READ A THIRD TIME THIS day of

ADOPTED THIS day of

Chair/Vice-Chair

Corporate Officer/Deputy

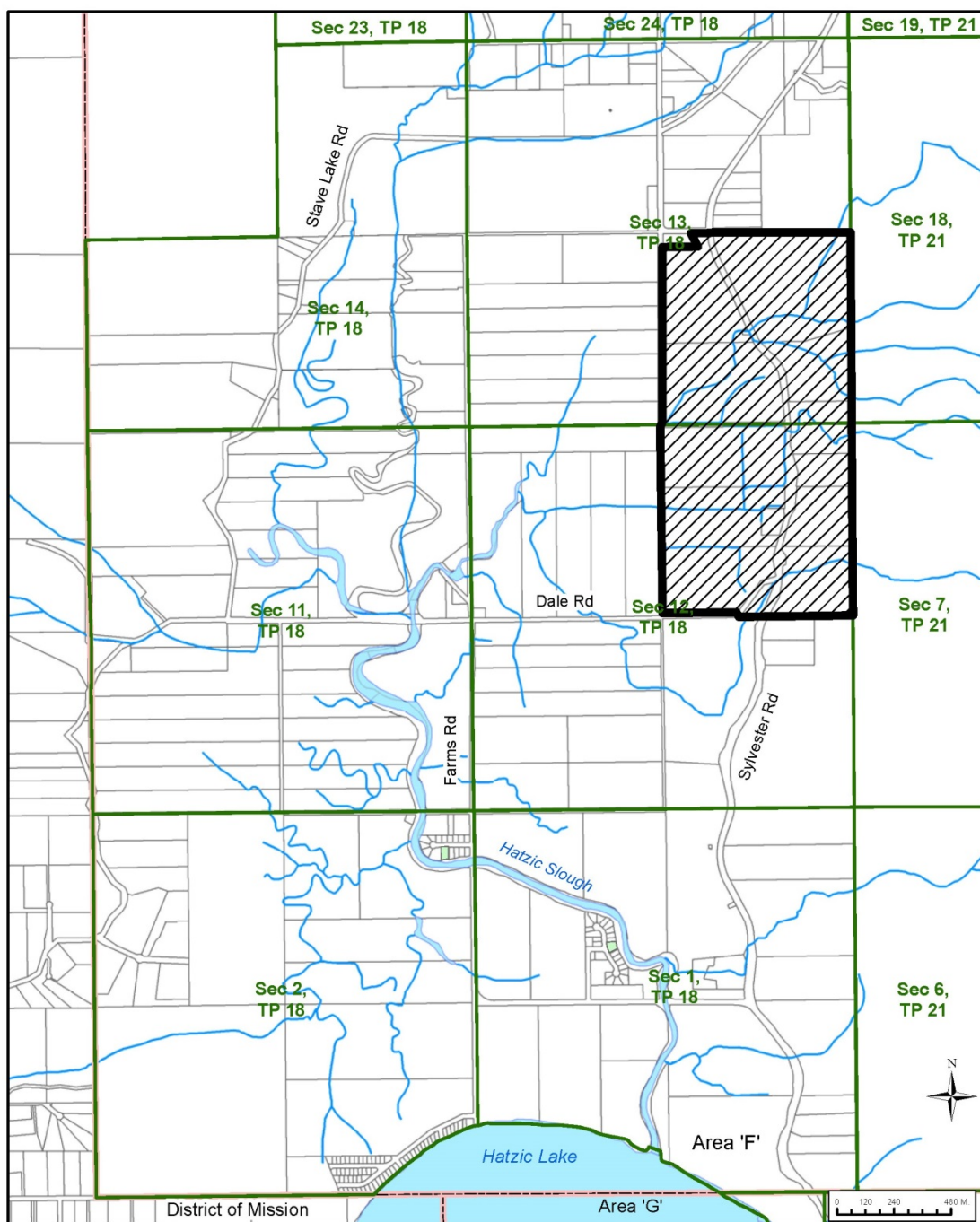
5) CERTIFICATION

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Amendment Bylaw No. 1433, 2017* as adopted by the Fraser Valley Regional District Board on the day of , 2017.

Dated at Chilliwack, BC this day of , 2017.

Corporate Officer/Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1433, 2017
Schedule 1433-A



Map Reference: 92G019.4.3, 4.4 & 92G029.2.1, 2.2
 Land District: New Westminster District
 Land title Office: New Westminster

November 17, 2017

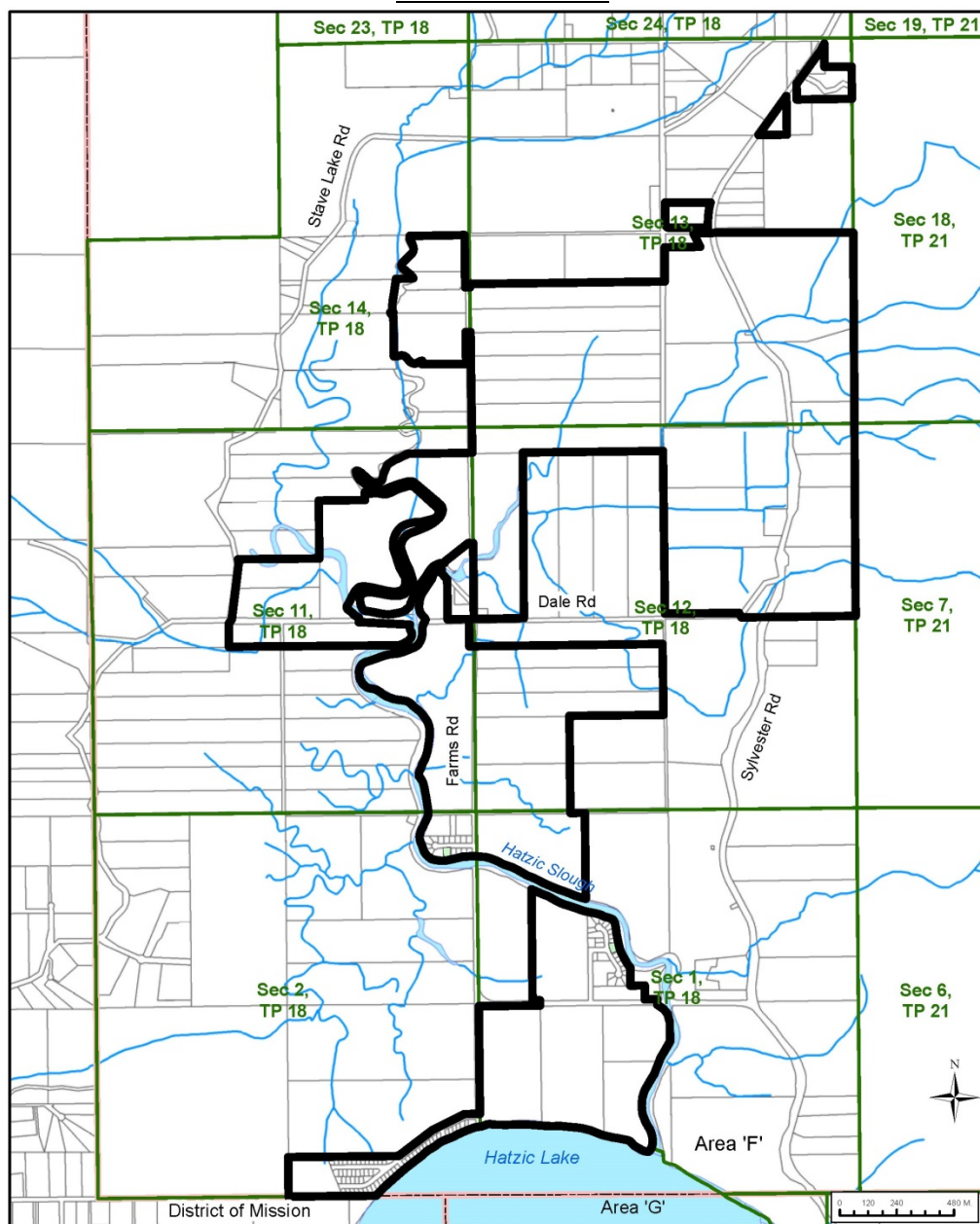
LEGEND



Area to be added to the Fraser Valley Regional District Hatzie Prairie Water Supply and Distribution System Service Area.

This is map 1 of 1 constituting Schedule 1433-A attached to and forming part of *Fraser Valley Regional District Hatzie Prairie Water Supply and Distribution System Service Area Amendment Bylaw No. 1433, 2017*.

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1433, 2017
Schedule 1433-B



Map Reference: 92G019.4.3, 4.4 & 92G029.2.1, 2.2
 Land District: New Westminster District
 Land title Office: New Westminster

November 17, 2017

LEGEND



Boundaries of the Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area as amended.

This is map 1 of 1 constituting Schedule 1433-B attached to and forming part of *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Amendment Bylaw No. 1433, 2017*.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO 1434, 2017

A Bylaw to establish the Hatzic Prairie Water System Capital Construction Service Area

WHEREAS Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Amendment Bylaw No. 1433, 2017 extends the boundaries of the Hatzic Prairie Water Supply and Distribution System;

AND WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to establish a separate service for the purposes of constructing the infrastructure to service the properties to be added to the Hatzic Prairie Water Supply and Distribution System by Bylaw No. 1433, 2017;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;

THEREFORE the Board enacts as follows:

1) **CITATION**

This bylaw may be cited as *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017*.

2) **ENACTMENTS**

- a) The Board hereby establishes the Hatzic Prairie Water System Capital Construction Service Area within a portion of Electoral Area F for the purpose of constructing infrastructure necessary for the extension of the Hatzic Prairie Water Supply and Distribution System ("the Works") and for doing all such things as necessary in connection therewith, including but not limited to the acquisition of real property, easements, rights of way, licenses, rights or other authorities as may be required for the construction of the Works.
- b) The participating area for the service established by this bylaw shall be Electoral Area F of the Fraser Valley Regional District.
- c) The boundaries of the service area established by this bylaw shall be as shown on Schedule 1434-A attached to and forming an integral part of this bylaw.
- d) The annual costs for the service established by this bylaw shall be recovered by one or more of the following:
 - i. The requisition of money to be collected by a property value tax;
 - ii. Parcel taxes imposed; and/or
 - iii. The imposition of fees and other charges that may be fixed by separate bylaw for the purpose of recovering these costs; and/or

iv. Revenues received by way of agreement, enterprise, gift, grant or otherwise.

e) The maximum amount that may be requisitioned annually for the entire service established by this bylaw shall be \$14,500.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this 4th day of January, 2018

READ A FIRST TIME this day of

READ A SECOND TIME this day of

READ A THIRD TIME this day of

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this day of

ADOPTED this day of

Chair/Vice-Chair

Corporate Officer/Deputy

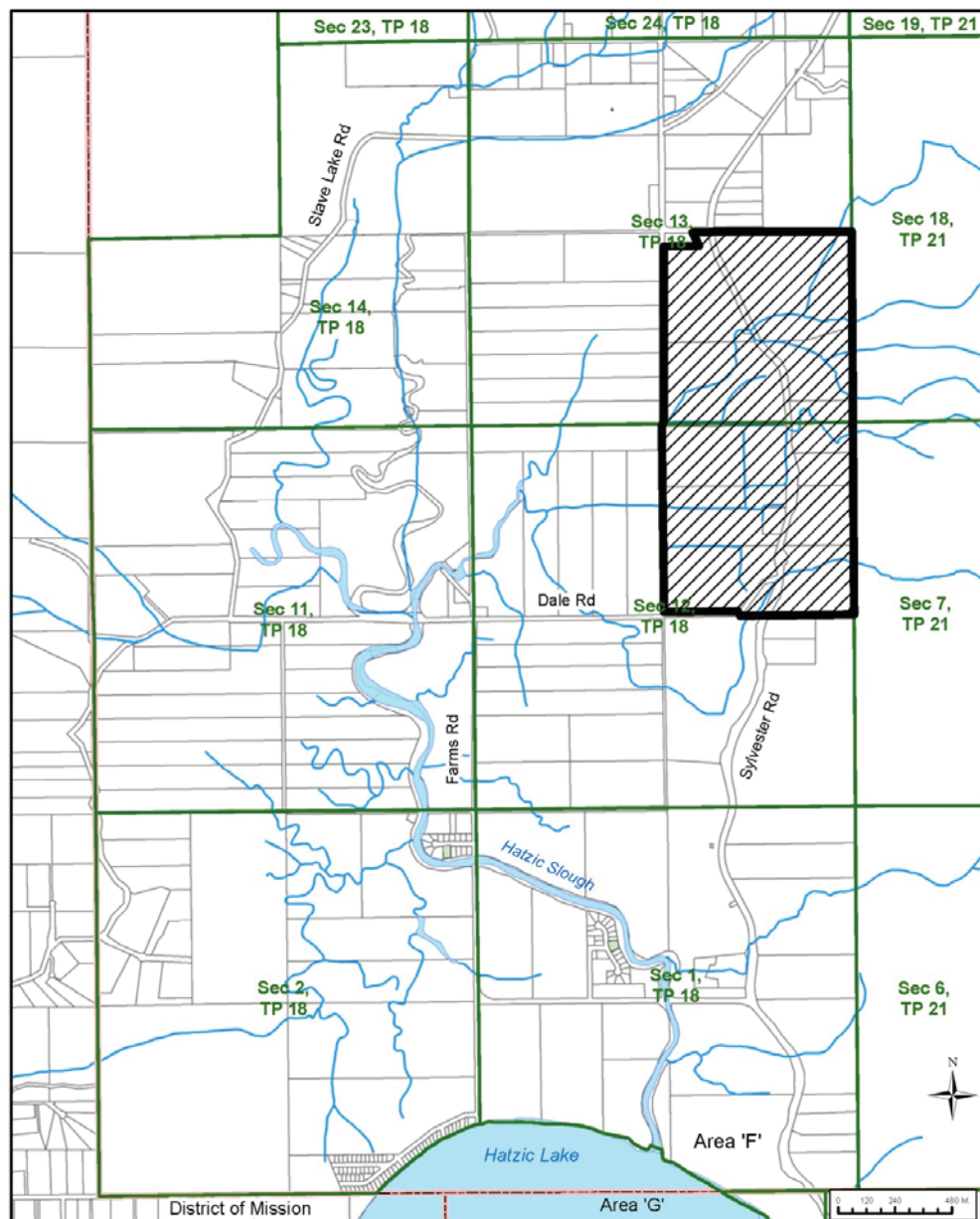
5) **CERTIFICATION**

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017* as read a third time/adopted by the Fraser Valley Regional District Board of Directors on this day of

Dated at Chilliwack, BC this day of .

Corporate Officer/Deputy

Fraser Valley Regional District Bylaw No. 1434, 2017
Schedule 1434-A



Map Reference: 92G019.4.3, 4.4 & 92G029.2.1, 2.2

November 17, 2017

Land District: New Westminster District

Land title Office: New Westminster

LEGEND



Boundaries of the Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area

This is map 1 of 1 constituting Schedule 1434-A attached to and forming an integral part of *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Service Area Establishment Bylaw No. 1434, 2017*.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1435, 2017

**A Bylaw to authorize borrowing for capital costs associated with
the extension of the Hatzic Prairie Water System Service Area**

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to extend the boundaries of the Service Area established by *Fraser Valley Regional District Hatzic Prairie Water Supply and Distribution System Service Area Establishment Bylaw No. 0837, 2007*;

AND WHEREAS the Board has established the Hatzic Prairie Water System Capital Construction Service Area, by Bylaw No. 1434, 2017, for the purposes of constructing a watermain and associated infrastructure ("the Works") to serve the extended portion of the service area;

AND WHEREAS the estimated cost of constructing the Works, including expenses incidental thereto, is the sum of SEVEN HUNDRED AND SEVENTY SIX THOUSAND DOLLARS (\$776,000.00), of which the sum of TWO HUNDRED THOUSAND DOLLARS \$200,000 is the amount of debt intended to be borrowed by this bylaw;

AND WHEREAS the maximum term for which a debenture may be issued to secure the debt created by this bylaw is for a term not to exceed twenty (20) years;

AND WHEREAS the authority to borrow under this bylaw expires five years from the date on which this bylaw is adopted;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017*.

2) ENACTMENTS

- a) The Board is hereby empowered and authorized to undertake and carry out the construction of a watermain and associated infrastructure ("the Works") to serve the Hatzic Prairie Water System Capital Construction Service Area. Said construction is to be carried out generally in accordance with plans on file in the Fraser Valley Regional District office, and to do all things necessary in connection therewith and without limiting the generality of the foregoing:
 - i. To borrow upon the credit of the Fraser Valley Regional District a sum not exceeding

TWO HUNDRED THOUSAND DOLLARS (\$200,000.00); and

- ii. To acquire all such real such real property, easements, rights-of-way, licenses, rights or authorities as may be requisite or desirable for, or in connection with, the construction of the Works.
- b) The maximum term for which debentures may be issued to secure the debt created by this bylaw is 20 years.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this 4th day of January, 2018

READ A FIRST TIME this day of

READ A SECOND TIME this day of

READ A THIRD TIME this day of

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this day of

ADOPTED THIS day of

Chair/Vice-Chair

Corporate Officer/Deputy

5) **CERTIFICATION**

I hereby certify that this is a true and correct copy of *Fraser Valley Regional District Hatzic Prairie Water System Capital Construction Loan Authorization Bylaw No. 1435, 2017* as read a third time by the Board of Directors of the Fraser Valley Regional District on the day of ,2017. Dated at Chilliwack, B.C. this day of

Corporate Officer/Deputy

To: Fraser Valley Regional District Board
From: Paul Gipps, Chief Administrative Officer

Date: 2018-01-24
File No: 3920-20-1454, 2017

Subject: Amendment to Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017

RECOMMENDATION

THAT the motion granting third reading to the bylaw cited as *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017* be rescinded;

AND THAT *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017* be given a new third reading.

BACKGROUND

The proposed Sub-Regional Parks Service Area Establishment Bylaw was presented to the Board for consideration at the December 20, 2017 Board meeting. The bylaw was then sent to the Province for their approval and sign off prior to the FVRD adopting the bylaw.

DISCUSSION

In discussions with the Province, they would like us to change the description of the bylaw to provide more flexibility in the development of the services. Given that the proposed service is in its infancy, and the specific details on what and how the parks are to be operated have not yet been established, the Province feels a more generic description would be better suited.

While Staff had followed the typical description of bylaws we have always used, we have no objection to amending the bylaw to allow more flexibility in the future.

COST

None.

COMMENTS BY:

Jaime Schween, Manager of Corporate Administration

Reviewed and supported. Corporate Administration has historically prepared a more detailed description for FVRD bylaws. However, with this recent advice provided by the Province, Corporate Administration will consider this advice as part of the development of future draft bylaws.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1454, 2017

**A bylaw to establish a Sub-Regional Parks service area
for the purpose of acquiring, developing, operating and maintaining parks.**

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to establish the Sub-Regional Parks Service Area;

AND WHEREAS consent on behalf of the municipal participating area of the Fraser Valley Regional District has been obtained;

AND WHEREAS the Board has received participating area approval for the electoral area of the Fraser Valley Regional District through the service petition process;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017*.

2) ENACTMENTS

- a) The Board hereby establishes the Sub-Regional Parks Service Area for the purpose of acquiring, developing, operating and maintaining parks.
- b) The participating areas for the service established by this bylaw shall be the City of Abbotsford and Electoral Area G of the Fraser Valley Regional District.
- c) The boundaries of the service area established by this bylaw shall be the City of Abbotsford and that portion of Electoral Area G as shown on Schedule 1454-A attached to and forming an integral part of this bylaw.
- d) The annual costs for the service established by this bylaw shall be recovered by one or more of the following:
 - i. The requisition of money to be collected by a property value tax;
 - ii. Parcel taxes imposed; and/or
 - iii. The imposition of fees and other charges that may be fixed by separate bylaw for the purpose of recovering these costs; and/or

- iv. Revenues received by way of agreement, enterprise, gift, grant or otherwise.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

CERTIFICATION AS TO SUFFICIENCY AND VALIDITY OF PETITIONS this	27 th	day of November, 2017
READ A FIRST TIME this	28 th	day of November, 2017
READ A SECOND TIME this	28 th	day of November, 2017
READ A THIRD TIME this	28 th	day of November, 2017
THIRD READING RESCINDED this		day of
READ A THIRD TIME this		day of
APPROVED BY THE INSPECTOR OF MUNICIPALITIES this		day of
ADOPTED this		day of

Chair/Vice-Chair

Corporate Officer/Deputy

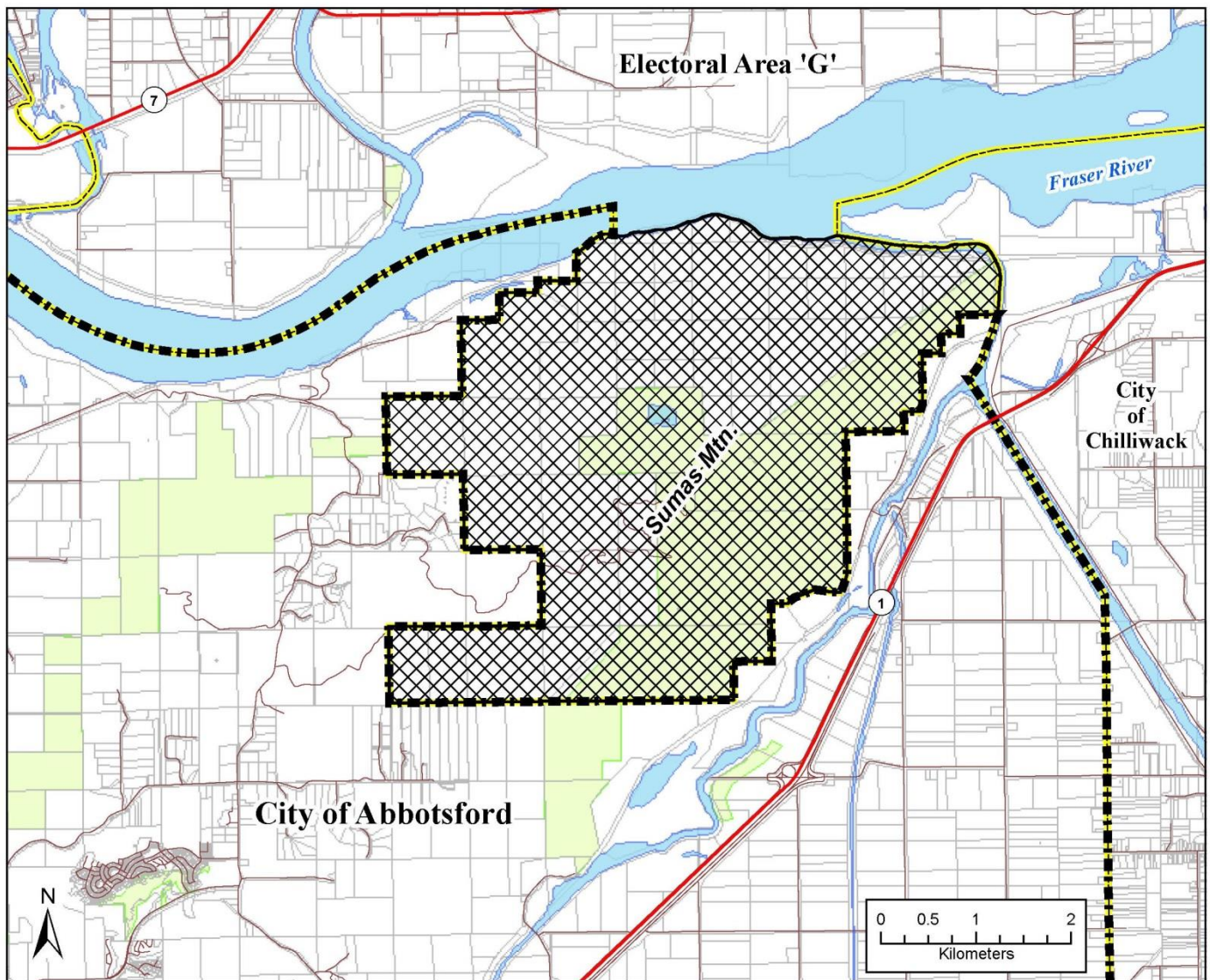
5) **CERTIFICATION**

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017* as read a third time by the Fraser Valley Regional District Board on the day of , 2018

Dated at Chilliwack, BC this day of , 2018

Corporate Officer/Deputy

Fraser Valley Regional District Bylaw No. 1454, 2017
Schedule 1454-A



Legend



Portion of Electoral Area G to be included in Fraser Valley Regional District Sub-Regional Parks Service Area

This is map 1 of 1 constituting Schedule 1454-A attached to and forming an integral part of *Fraser Valley Regional District Sub-Regional Parks Service Area Establishment Bylaw No. 1454, 2017*.

To: Electoral Area Services Committee
From: Mike Veenbaas, Director of Financial Services

Date: 2017-11-16
File No: 3920-20/1453, 2017

Subject: Area D Integrated Community Parks Service Area Merger and Establishment

RECOMMENDATION

THAT the Fraser Valley Regional District Board consider giving three readings to the bylaw cited as *Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No. 1453, 2017*;

AND THAT Bylaw No. 1453, 2017 be forwarded to the Inspector of Municipalities for approval.

STRATEGIC AREA(S) OF FOCUS

Support Healthy & Sustainable Community
Provide Responsive & Effective Public Services

PRIORITIES

Priority #5 Outdoor Recreation

BACKGROUND

There are two community park service areas functioning within Electoral Area D; an Area D wide community parks service originally setup in 1989 via a Regional District of Fraser Cheam (RDFC) Supplemental Letters Patent and a smaller Popkum Linear Park service area setup via RDFC Bylaw 1111/93. The larger community parks service has been funded via a parcel tax plus BC Hydro grant in lieu funds whereas the smaller linear park service has been funded via an assessment based requisition.

DISCUSSION

As the smaller Popkum Linear Park Service has grown in recent years and is projected to grow further with increased redevelopment and subdivision, staff investigated the possibility of merging the two services into one to allow for more efficient management and administration along with allowing for improved options for meeting increased community expectations around service delivery.

The review noted a challenge with the community parks service's funding model using parcel taxation. While historically the area was developed via single family homes, each on a legal parcel, future developments would see more strata based development where multiple residential units reside on one

legal parcel. Under the parcel tax model this would not allow for equitable funding from all residents in the area (can only charge the parcel tax per legal parcel), which are those expected to receive direct benefit from increased community park infrastructure. Moving the community parks service to an assessment based funding model would provide for equitable allocation of the service's costs to all area residents in addition to allowing for community benefit from redevelopment growth in the community – both residential and commercial. At the same time, merging the two services would also ensure equitable and efficient service delivery.

With this information staff met with Director Dickey to present the findings and review options for his consideration. The tax requisition of the merged service area would allow for an assessment based taxation rate for the average residential property equivalent to the existing parcel tax rate and would actually allow for a decrease in taxation for those properties that currently pay into both service areas. With this in mind Director Dickey directed staff to move forward with a merging of the two service areas.

COST

There are no additional costs associated with the recommendation to merge the two Area D Parks Services. The 2018-2022 DRAFT Financial Plan has been prepared based on consolidation of the existing 5 year budgets for these two services with no additional budget increase planned. It is anticipated that future budget increases should be funded via expected redevelopment growth in the area.

CONCLUSION

Electoral Area D currently has two park services functioning within the area causing service delivery overlap and administration challenges. A staff review has concluded that a merging of these two services and using the assessment based taxation funding model for the merged service would provide long term financial benefit to those within the service area.

COMMENTS BY:

Barclay Pitkethly, Director of Regional Programs

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1453, 2017

A Bylaw to amend the Area D Community Parks Service Area by merging it with the Popkum Linear Park Local Service Area.

WHEREAS *Fraser Valley Regional District Area D Community Parks Conversion and Service Area Establishment Bylaw No. 0460, 2001* was adopted by the Fraser Valley Regional District Board ("the Board") on December 18, 2001;

AND WHEREAS *Regional District of Fraser Cheam Popkum Linear Park Local Service Area Establishment Bylaw No. 1111, 1993* was adopted by the Fraser Cheam Regional District Board on November 2, 1993;

AND WHEREAS the Board wishes to merge the Service Areas established by these bylaws into one service area to be known as the Fraser Valley Regional District Area D Integrated Community Parks Service Area;

AND WHEREAS consent on behalf of electoral participating areas has been obtained;

THEREFORE the Board enacts as follows:

1) CITATION

This Bylaw may be cited as *Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No 1453, 2017*.

2) ENACTMENTS

- a) The service established under *Fraser Valley Regional District Area D Community Parks Conversion and Service Area Establishment Bylaw No. 0460, 2001*, as amended, is hereby transferred and merged with the service established under *Regional District of Fraser Cheam Popkum Linear Park Local Service Area Establishment Bylaw No. 1111, 1993*, as amended, and the name of the newly merged service area shall be known hereafter as the Fraser Valley Regional District Area D Integrated Community Parks Service Area;
- b) The participating area for the service established by this bylaw shall be Electoral Area D of the Fraser Valley Regional District.
- c) The boundaries of the service area established by this bylaw shall be Electoral Area D, excluding the area shown on Schedule 1453-A attached to and forming an integral part of this bylaw.

- d) The annual costs for the service established by this bylaw shall be recovered by one or more of the following:
- i. The requisition of money to be collected by a property value tax;
 - ii. Parcel taxes imposed; and/or
 - iii. The imposition of fees and other charges that may be fixed by separate bylaw for the purpose of recovering these costs.
- e) The maximum amount that may be requisitioned annually for the entire service established by this bylaw shall be \$0.50 per \$1,000 of net taxable value of land and improvements)

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

READ A FIRST TIME this 28th day of November, 2017

READ A SECOND TIME this 28th day of November, 2017

READ A THIRD TIME this 28th day of November, 2017

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this 29th day of December, 2017

ADOPTED this day of

Chair/Vice-Chair

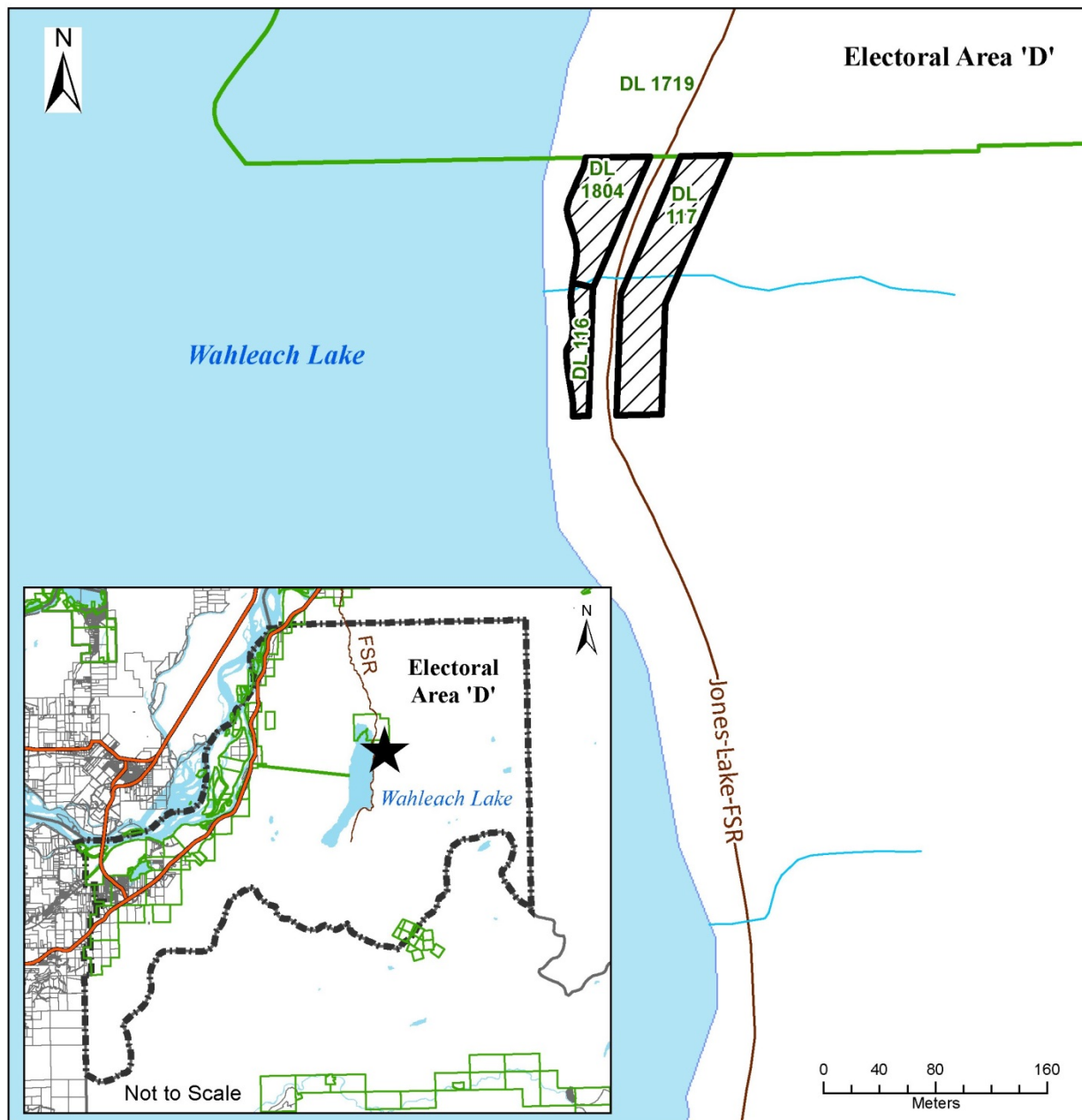
Corporate Officer/Deputy

5) **CERTIFICATION**


I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No 1453, 2017* as adopted by the Board of Directors of the Fraser Valley Regional District on the day of .
Dated at Chilliwack, BC this day of

Corporate Officer/Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1453, 2017
Schedule 1453-A



November 20, 2017

 Boundary of the excluded portion from the Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No 1453, 2017

This is map 1 of 1 constituting Schedule 1453-A attached to and forming an integral part of *Fraser Valley Regional District Area D Integrated Community Parks Service Area Merger and Establishment Bylaw No 1453, 2017*.



Statutory Approval

Under the provisions of sections _____ **349**

of the _____ **Local Government Act**

I hereby approve Bylaw No. _____ **1453**

of the _____ **Fraser Valley Regional District**,

a copy of which is attached hereto.

Dated this _____ **29th** ***day***

of _____ **December** , **2017**

Deputy Inspector of Municipalities

To: Electoral Area Services Committee

Date: 2018-01-10

From: David Bennett, Planner II

File No: 3360-27-2017-01

Subject: Official Community Plan amendment Bylaw 1460 2017 and Zoning Amendment Bylaw 1461 2017 to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision.

RECOMMENDATION

THAT the Fraser Valley Regional District Board consider giving first reading to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to facilitate the redevelopment of 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision;

THAT *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* be forwarded to Public Hearing;

THAT the Fraser Valley Regional District Board delegate the holding of the Public Hearing with respect to proposed *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* to Director Taryn Dixon, or her Alternate in her absence;

THAT Director Dixon, or her Alternate in her absence, preside over and Chair the Public Hearing with respect to proposed Bylaw 1460, 2017 and Bylaw 1461, 2017;

THAT the Chair of the Public Hearing be authorized to establish procedural rules for the conduct of the Public Hearing with respect to proposed Bylaw 1460, 2017 and Bylaw No. 1461, 2017 in accordance with the Local Government Act.

THAT in accordance with Section 475 of the Local Government Act and FVRD policy First Nations Engagement on FVRD Land use by-laws and other matters with statutory requirement to engage, a notice and referral of Official Community Plan Amendment Bylaw No. 1460, 2017 be sent to potentially affected First Nations via the Stó:lo Connect referral system where possible;

THAT in accordance with Section 475 of the Local Government Act, the Fraser Valley Regional District Board adopt the Official Community Plan consultation strategy as outlined in the staff memorandum dated January 10, 2018 for Bylaw 1460, 2017. The consultation strategy includes a notice and referral to the Stó:lo Connect referral system and the Ministry of Transportation and Infrastructure

THAT the Fraser Valley Regional District Board consider that Official Community Plan Amendment Bylaw No. 1460, 2017 is consistent with the FVRD financial plan and FVRD waste management plan

AND FURTHER THAT the Fraser Valley Regional District Board authorize its signatories to execute all documents relating to *Fraser Valley Regional District Official Community Plan Amendment Bylaw No. 1460, 2017* and *Fraser Valley Regional District Zoning Amendment Bylaw No. 1461, 2017* and any associated applications.

STRATEGIC AREA(S) OF FOCUS

Support Environmental Stewardship
Foster a Strong & Diverse Economy
Support Healthy & Sustainable Community
Provide Responsive & Effective Public Services

PRIORITIES

Priority #1 Waste Mangement

BACKGROUND

The purpose of Official Community Plan Amendment Bylaw 1460, 2017 (Bylaw 1460) and Zoning Amendment Bylaw No 1461, 2017 (Bylaw 1461) is to facilitate the redevelopment of the former gravel pit and the adjacent hillside at 45900 Sleepy Hollow Road, Electoral Area H into a single family residential subdivision. Approximately 35 new lots are proposed.

The proposed development is a single family residential subdivision involving geotechnical slope hazard mitigation work as well as full servicing, meaning connection to both a FVRD community water system and FVRD community sanitary sewer system.

The lower portion of the lands (the portion adjacent to Sleepy Hollow Road) are currently zoned RS-1 for residential development. The upper portion (hillside) is currently zoned Limited Use (L-1). The geotechnical feasibility studies submitted with this application concluded that both the upper and lower portions of the lands may be used safely for residential development. However, additional review is required to determine the technical aspects of specific mitigation works and infrastructure.

The proposal is to designate the entire property for residential development under the Urban Residential RS-1 zone. Portions of the property would be covenanted to avoid development in areas subject to potential hazards. RS-1 is the same zoning as the adjacent single family neighbourhoods to the west.

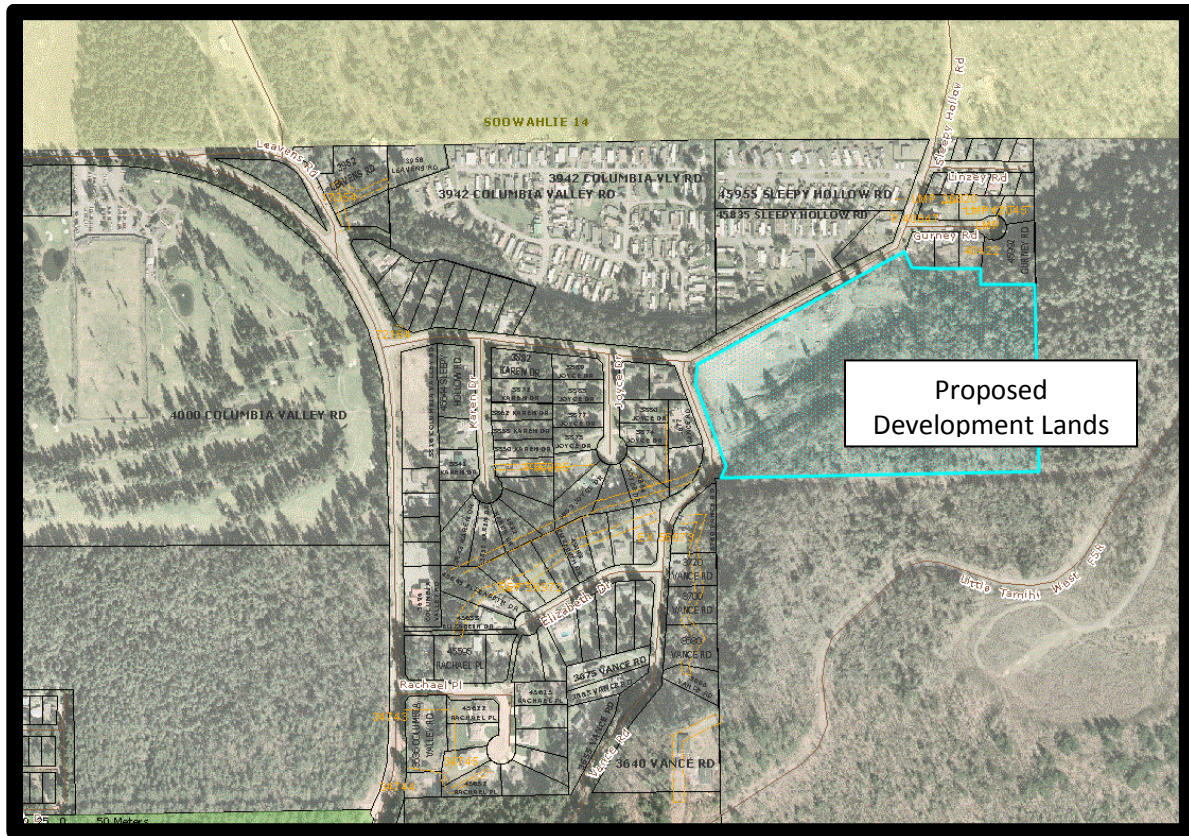
The timing of any future residential construction or subdivision of the lands is dependent upon the availability of a new FVRD community sewer system. The developers are proceeding at this time based on the anticipated development of a new FVRD community sewer system located within Cultus Lake Park.

DISCUSSION

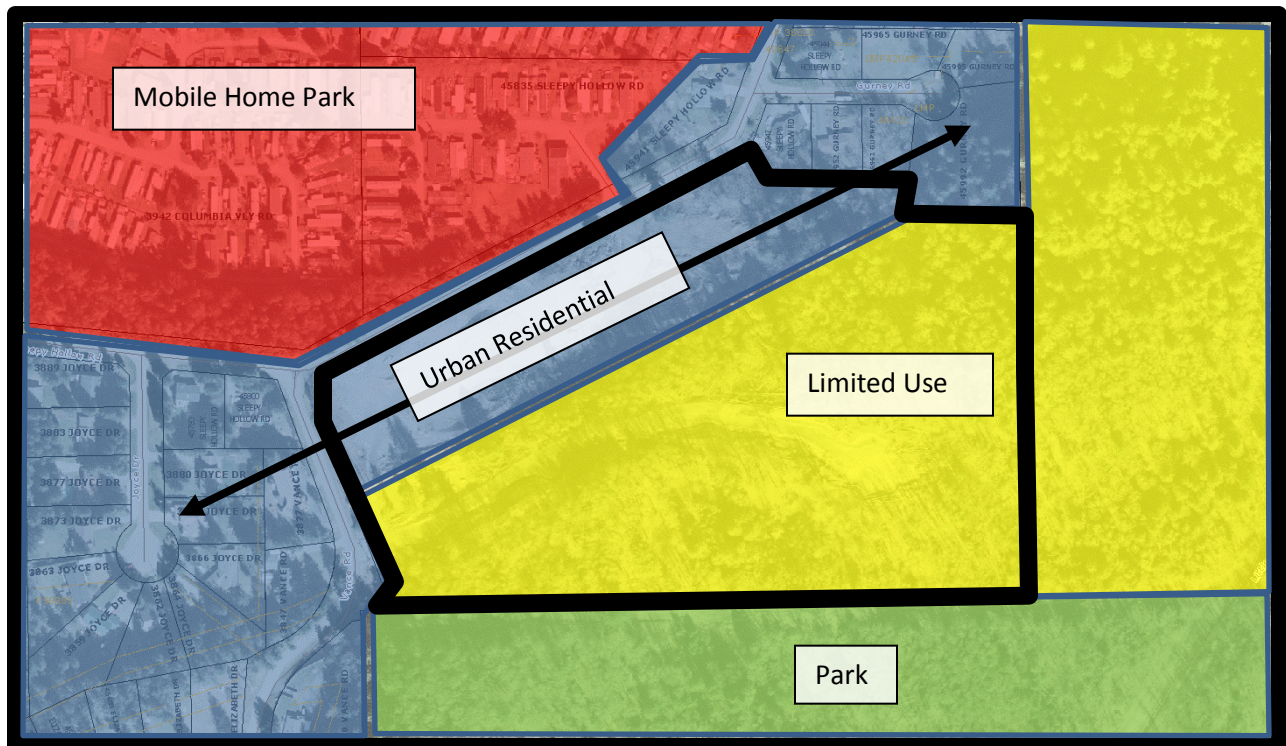
Property Details

	Existing	Proposed
Official Community Plan	Limited Use	Suburban Residential
Zoning	Lower- Urban Residential (RS-1) Upper – Limited Use	Lower -Urban Residential (RS-1) – no change Upper- Urban Residential (RS-1)
Water Servicing	none	FVRD Community Water System
Sewer Servicing	none	FVRD Community Sewer System
Parcel Size	21.7 acres	557m2 (6000 sq. ft.)
Land Use	Vacant – abandoned gravel pit	Single Family Residential with 1 Single Family Home per lot -approximately 35 lots in total.

Location Map



Current Zoning Map



Surrounding Land Uses

	Use	Zoning	Official Community Plan
North	Sleepy Hollow Mobile Home Parks	Mobile Home Park	Mobile Home Park
East	Crown Land	Limited Use	Forest
West	Single Family Residential	Urban Residential RS-1	Suburban Residential
South	Crown Land	Park	Forest

Site Servicing

The FVRD and the Cultus Lake Park Board are working on approvals to establish a new community sewer treatment and disposal facility in accordance with the FVRD's Cultus Lake Liquid Waste Management Plan. This proposed residential development must be connected to a community sewer system to achieve the RS-1 zoning minimum parcel size of 557m² (6000 sq. ft.).

The developer will be responsible for the costs associated with servicing the proposed development. Only the users of the sewer system are responsible for operating and maintenance costs of the system. There will be no costs to area residents that are not connected to the system.

The timing of the proposed new treatment facility is uncertain. The developer is aware of the timing uncertainty and is prepared to wait for the system. In the meantime, it is recommended that as a condition of consideration of adoption of the requested Official Community Plan and zoning amendments, that the developer enter into a covenant that requires connection to a community sewer system and prohibits on-site (septic) disposal.

Should the proposed new FVRD community sewer system fail to be developed, this application will need to be reconsidered at a lower density. Reconsideration by the FVRD Board for approval of an alternative on-site sanitary servicing option would be required. The developers wish to proceed with the known timing and servicing risks.

The FVRD operates an existing water service that was recently upgraded and will service the property. The FVRD water system has existing capacity to service the proposed subdivision.

Complete technical analysis of the site's servicing needs, including sanitary sewer, stormwater, lot grading, pathways, sidewalks, etc. must be completed as part of a development agreement prior to consideration of bylaw adoption.

Traffic and Parking

Approximately 18 new lots are proposed adjacent to Sleepy Hollow Road. These proposed lots may pose challenges for parking and driveways and require particular attention to avoid conflicts with road uses and neighbours. The FVRD is working with the applicants and the Ministry of Transportation and

Infrastructure to review access and parking options from the rear of these proposed lots to avoid conflicts on Sleepy Hollow Road.

The frontage of the development along Sleepy Hollow road will require installation of a new sidewalk and improvements of the travelled portion of the road to address Ministry of Transportation and Infrastructure road standards. Road drainage will also need to be addressed.

Columbia Valley Road Traffic

Through the development of the Official Community Plan for Electoral Area “E”, the Fraser Valley Regional District undertook a traffic and transportation study, prepared by Delcan (2012). This study did not specifically address the potential for additional traffic from developments on Sleepy Hollow Road. Existing Peak Period volumes on Columbia Valley Road are already at over-saturation and existing traffic causes significant delays and long traffic queues at peak times in the summer. Individual developments will incrementally add to the summer peak period congestion on Columbia Valley Highway. The Official Community Plan and the supporting traffic impact assessment’s report prepared for the Plan do not identify the point at which development in Cultus Lake should be reduced or prohibited in relation to failing levels of service. In other words, no clear threshold has been established for the ‘tipping point’ when congestion, and the associated problems with emergency evacuation and emergency vehicle access, become unacceptable.

To address traffic impacts on Columbia Valley Road, the Ministry of Transportation and Infrastructure installed a round-about at Columbia Valley Road and Sunnyside Blvd. The City of Chilliwack replaced the Vedder Bridge and installed a round-about at Chilliwack Lake Road and Vedder Road. An additional round-about is planned for the intersection of Vedder Mountain Road and Cultus Lake Road. The FVRD and Soowahlie have agreements for emergency access through Soowahlie from Sleepy Hollow to the Vedder Bridge. These improvements are expected to ease congestion during peak periods and improve emergency egress from the area.

Prior to public hearing, the developers are required to submit a report to address potential traffic impacts in relation to access roads and Columbia Valley Road. This report must review the Delcan report, and the recent traffic improvements noted above and must assess the cumulative impacts this proposal may have on traffic in the area.

Geotechnical Hazards

The Geotechnical Feasibility assessment prepared for this application includes several recommendations for the safe use of the site and protection of neighbouring properties. Certain areas of the site cannot be disturbed and a significant portion of the site will remain in its current vegetated state. Additional geotechnical reviews will be required at subdivision to address road cuts, drainage, slopes and building sites.

Early and Ongoing Public Consultation

The FVRD encourages applicants to discuss their proposals with neighbours early in the development process. Early neighbourhood consultation where developers host a public open house is a consistent approach taken for rezoning applications in Area H.

The developers are planning on hosting a public information meeting shortly after first reading where they will present the development proposal and provide details about the servicing, hazards and density of the project.

Following the information meeting, the applicant will then have an opportunity to amend their application, if necessary, to respond to community concerns and comments.

OFFICIAL COMMUNITY PLAN AMENDMENT CONSULTATION:

In accordance with the Local Government Act, when adopting or amending an official community plan the Board is obliged to consult with other organizations and agencies. The Board is obliged to consider whether consultation is required with first nations, senior government agencies or other organizations. In accordance with the FVRD First Nations Engagement policy, it is recommended that a notice and referral of the proposed bylaw be referred to the Soowahlie First Nation and the Sto:Lo Nation via Stolo Connect referral system prior to public hearing (referrals were sent November 21, 2017). The proposed bylaw is also recommended to be forwarded to the Ministry of Transportation and Infrastructure. FVRD staff are currently working with Ministry staff to review hazard mitigation, access and parking issues.

In accordance with the Local Government Act, after first reading the regional Board must consider the proposed Official Community Plan amendment in conjunction with Regional District's current financial and waste management plans. With regards to the financial plan this project would be funded by the developer. The proposed bylaw is compatible with and consistent with the FVRD Five Year Financial Plan and Solid Waste Management Plan.

In terms of the FVRD Regional Growth Strategy (RGS), the proposed bylaw is consistent with the RGS.

COST

OCP Amendment - \$2,000.00 - Paid

Rezoning - \$7,500.00 - Paid

The proposed development will add new FVRD owned and operated infrastructure, including water lines, sewer, sidewalk, and storm sewer. The proposed new development will add approximately 35 new parcels and assessment of the new construction to the service areas which will help to either offset these costs increases or reduce the existing service participant's costs.

COMMENTS BY:

Graham Daneluz, Deputy Director of Planning & Development

Reviewed and Supported

Tareq Islam, Director of Engineering & Community Services

Reviewed and Supported

Margaret Thornton, Director of Planning & Development

Reviewed and Supported

Mike Veenbaas, Director of Financial Services

No further financial comment.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

Geo-Hazard Assurance Statement

for Development Approvals

A. Project Information

Date December 13, 2017 FVRD File No. _____

Property Information

Project Name & Description 45900 Sleepy Hollow Road

Legal Description Lot 30 Block NWP 37174 Section 30 Township 25 LD36

Site Address 45900 Sleepy Hollow Road PID _____

Client Information

Name Brad Geary

Role ☐ Property Owner ☒ Developer ☐ Other

Client Address 1649 Columbia Valley Road

Qualified Professional Information

Name Christopher Clarke

APEGBC Designation ☒ P.Eng. ☐ P. Geo. ☐ Eng.L ☐ Geo.L

Company Name Thurber Engineering Ltd.

Mailing Address 900 - 1281 West Georgia Street

Email Address cclarke@thurber.ca Phone # 604-684-4384

Geo-Hazard Report Reference

Title 45900 Sleepy Hollow Road, Cultus Lake Geotechnical Recommendations Date December 13, 2017

Personal information on this form is being collected in accordance with Section 27 of the Freedom of Information and Protection of Privacy Act, RSBC 1996 Ch. 165; Part 9, Division 1 [Building Regulation] and Part 14 [Planning and Land Use Management] of the Local Government Act, RSBC 2015 Ch. 1; and Section 56 of the Community Charter, SBC 2003 Ch. 26 and will only be collected, used and disclosed for the purpose of administering geo-technical hazard reviews and assurance statements related to development approvals. Questions? Contact FVRD Privacy Officer at 45950 Cheam Avenue, Chilliwack, BC V2P 1N6; 604-702-5000 or 1-800-528-0061; or FOI@fvr.ca.



Geo-Hazard Assurance Statement

for Development Approvals

B. Assurance

Based on the contents of this Assurance Statement and the Report, I hereby give assurance that:

(check as applicable)

<input type="checkbox"/>	Development Permit	The Report will “assist the local government in determining what conditions or requirements under it will impose in the permit”, as required by the <i>Local Government Act</i> (Division 7)
<input type="checkbox"/>	Building Permit	
<input type="checkbox"/>	<input type="checkbox"/> Community Charter	“The land may be used safely for the use intended”, as required by the <i>Community Charter</i> (Section 56)
<input type="checkbox"/>	<input type="checkbox"/> Seismic Slope	The Report addresses the requirements of the BC Building Code 2006, 4.1.8.1.6 (8) and 9.4.4.4 (2), as detailed in the BC Building & Safety Policy Branch Information Bulletin B10-01, Jan 18, 2010
<input type="checkbox"/>	Floodplain Management Bylaw Exemption	“The land may be used safely for the use intended”, as required by the <i>Local Government Act</i> . (Section 524)
<input checked="" type="checkbox"/>	Subdivision	“The land may be used safely for the use intended”, as required by the <i>Land Title Act</i> (Section 86).
<input type="checkbox"/>	Other (e.g. Zoning Bylaw Amendment, Official Community Plan Amendment, Temporary Use Permit, etc.)	<Insert statement as appropriate>

C. APEGBC Professional Practice Guidelines

The Report and this Assurance Statement should be completed in accordance with the current version of one or both of the following Professional Engineers and Geoscientists of BC (APEGBC).

- *Legislated Flood Assessments in a Changing Climate in BC*
- *Legislated Landslide Assessments for Proposed Residential Development in British Columbia, (“APEGBC Landslide Guidelines”).*

These two documents are collectively referred to as the “APEGBC Guidelines”. The italicized words in this Assurance Statement are defined in the APEGBC Guidelines.

The Report has been prepared pursuant to the following APEGBC Guidelines (check one or both as applicable).

- ☐ APEGBC Flood Guidelines
- ☒ APEGBC Landslide Guidelines

If the Report is **not** prepared pursuant to either of the APEGBC Guidelines, please explain.

D. Background Information

Qualified Professionals **must** confirm and check that each item is included in the Report.

- ☒ 1. Property location map — 8.5 x 11 size
- ☐ 2. Development proposal site plan — 8.5 x 11 size. *If a subdivision, show the parent parcel and all lots to be created, including any remainder.*
- ☒ 3. Description of the proposed development project (including building use) to the extent this is known at the time of Report preparation.
 - ☒ residential
 - ☐ industrial
 - ☐ commercial
 - ☐ institutional
 - ☐ other _____

Geo-Hazard Assurance Statement

for Development Approvals

E. Technical Requirements

Qualified Professionals **must** review, confirm and check completed items (as applicable).

Report Content

- ☒ 4. Relevant information pertaining to the Property and pertinent potential hazards from appropriate background sources, including the FVRD online library.
 - ☐ 5. Time limitation or condition statement to describe extent the FVRD may rely on the Assurance Statement and Report for development approvals, and when resubmittal is recommended.
 - ☒ 6. Maps, illustrations and diagrams to illustrate areas referred to in the Report.
 - ☒ 7. Description of field work conducted on and, if required, beyond the Property.
 - ☐ 8. Contact and consultation with the Fraser Valley Regional District. Provide name and title of contact.
-
- ☒ 9. Review of relevant FVRD bylaws and other statutory requirements.
 - ☒ 10. Restrictive covenants registered against the Property title that pertain to geo-hazards (if registered, the Report provides relevant information about the covenants).
 - ☒ 11. Notation of any visibly apparent natural hazards or other hazards identified in background reports, which are not identified and addressed in this Report. If yes, provide details in Section H: Geo-Hazard Summary Table.
 - ☐ Yes
 - ☒ No
 - ☒ 12. Does the report rely on one or more supporting reports, each of which is independently reviewed, signed and sealed. If yes, provide details in Section H: Geo-Hazard Summary Table.
 - ☒ Yes
 - ☐ No
 - ☒ 13. For subdivision approval, the Report addresses natural hazards for:
 - ☒ the parent parcel prior to subdivision
 - ☐ any lots to be created (including any remainder)

Geo-hazard Assessment, Risk Acceptability and Risk Transfer

- ☒ 14. In considering the above-noted potential hazards that may affect the property, I have:
- ☒ reviewed and characterized the potential hazard(s)
 - ☒ estimated the potential frequency and magnitude of the potential hazard(s)
 - ☒ relied on supporting reports as noted above
 - ☒ relied on a pre-existing assessment of hazard frequency and magnitude
 - ☐ considered the potential effects of climate change in the context identified in the Report
 - ☒ considered the potential effects of changed future conditions (upstream watershed changes, forestry activity, land use changes, sea level rise, etc.) in the context identified in the Report
- ☒ 15. This Assurance Statement pertains to all geo-hazards that are assessed in the Report and any supporting reports, and accurately reflects the contents of those documents.
- ☒ 16. The FVRD has adopted “Hazard Acceptability Thresholds for Development Approvals by Local Government”, which provides a specific level of hazard or risk tolerance. I have included a Hazard Summary Table which:
- ☒ lists all the potential hazards addressed by the Report and any supporting reports
 - ☒ provides an annual return frequency and acceptability threshold classification for the unmitigated condition
 - ☒ proposes mitigative measures to appropriately reduce the geo-hazard risk
 - ☒ provides an annual return frequency and acceptability threshold classification for the mitigated condition
- ☒ 17. The Report describes the potential transfer of natural hazard risk to other properties or infrastructure as a result of the proposed project (including any proposed *mitigation works*) and
- ☒ considered the potential for transfer of natural hazard risk
 - ☐ concludes that there is no significant transfer of natural hazard risk
 - ☒ identifies the potential transfer of natural hazard risk and proposes measures to offset such transfer of risk

Geo-Hazard Assurance Statement

for Development Approvals

Mitigation and Design Recommendations (if recommended)

The Report contains the following items:

- ☐ 18. Implementation steps for the identified structural mitigation works (in terms of design, construction and approval).
- ☒ 19. Clearly identified safe locations for building(s), ancillary structures, and onsite utility services (as applicable, such as a septic field) out of the natural hazard area as a preferred development alternative.
- ☒ 20. Commentary on the effectiveness of proposed structural mitigation works in terms of ability to reduce the potential hazard impact, and identification of any residual risk that would remain.
- ☐ 21. Proposed Flood Construction Level (FCL) for future development and including specification of an appropriate method of achieving the FCL.
- ☐ 22. Proposed watercourse setback, which is clearly referenced from the natural boundary, top of bank or another suitable basis.
- ☒ 23. Proposed operation and maintenance actions that will be necessary in order for the level of safety to be maintained in the future, with indications of who should be responsible for those actions and when.

Riparian Area Regulation (if applicable)

- ☐ 24. QP must review RAR assessment report to avoid conflict with Geo-Hazard Report recommendations.

F FVRD Supplemental Requirements

The following points are understood by the Qualified Professional when submitting a Report:

- ☒ 25. Permission is granted to the FVRD to use the Report in considering approval of the proposed development on the property, provided that such permission is limited only to the proposed development project for which the Report was prepared.
- ☒ 26. Methodology used in the Report is described in sufficient detail to facilitate a professional review of the study by the FVRD when necessary.
- ☒ 27. Professional liability insurance coverage of at least \$1 million per claim is carried by the QP.
- ☒ 28. Third party review or supplemental information may be required by the FVRD where complex development proposals warrant.
- ☒ 29. Permission is granted to the FVRD to include the Report in the online FVRD geo-hazard report library (as background information, not for other parties to rely).

Geo-Hazard Assurance Statement

for Development Approvals

G. Qualified Professional (QP)

Prepared by: (QP of Record)

Name Christopher Clarke

Designation ☒ P.Eng. ☐ P. Geo. ☐ Eng.L ☐ Geo.L

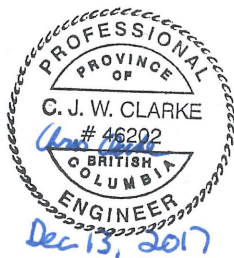
Reviewed by:

Name David Regehr

Designation ☒ P.Eng. ☐ P. Geo.

The Report has received appropriate technical review which is consistent with both the APEGBC Professional Practice Guidelines, and APGBC Quality Management Guidelines. The name of the reviewer is noted in the Report and below.

Professional Seal, Signature and Date:



- ☒ I am a Qualified Professional as defined in the APEGBC Guidelines, and I fulfill the education, training and experience requirements as outlined in the APEGBC Guidelines
- ☒ I have signed, sealed, dated and thereby certify, this Assurance Statement and the attached report.

H. Geo-Hazard Summary Table

The geo-hazard report and/or any supporting reports addresses the following hazard types.

Geo-Hazard Type #1		Geo-Hazard Type #2	
Small Scale Localized Landslip		Rockfall -Small Scale Detachment	
Annual Return Frequency (Unmitigated)		Annual Return Frequency (Unmitigated)	
1:50-1:200		1:100	
Acceptability Threshold Classification	5	Acceptability Threshold Classification	5
MITIGATION (if necessary)			
Proposed Mitigation Measures	Yes <input checked="" type="radio"/>	Proposed Mitigation Measures	Yes <input checked="" type="radio"/>
	No <input type="radio"/>		No <input type="radio"/>
Annual Return Frequency (Mitigated)		Annual Return Frequency (Mitigated)	
1:500 - 1:10000		1:1000 - 1:10000	
Acceptability Threshold Classification	4	Acceptability Threshold Classification	4
Comments		Comments	
SUPPORTING REPORT			
Was this report prepared by others?	Yes <input type="radio"/>	Was this report prepared by others?	Yes <input type="radio"/>
	No <input checked="" type="radio"/>		No <input checked="" type="radio"/>
If yes, list report name, date and author.		If yes, list report name, date and author.	

Geo-Hazard Type #3		Geo-Hazard Type #4	
Annual Return Frequency (Unmitigated)		Annual Return Frequency (Unmitigated)	
Acceptability Threshold Classification		Acceptability Threshold Classification	
MITIGATION (if necessary)			
Proposed Mitigation Measures	Yes <input type="radio"/>	Proposed Mitigation Measures	Yes <input type="radio"/>
	No <input type="radio"/>		No <input type="radio"/>
Annual Return Frequency (Mitigated)		Annual Return Frequency (Mitigated)	
Acceptability Threshold Classification		Acceptability Threshold Classification	
Comments		Comments	
SUPPORTING REPORT			
Was this report prepared by others?	Yes <input type="radio"/>	Was this report prepared by others?	Yes <input type="radio"/>
	No <input type="radio"/>		No <input type="radio"/>
If yes, list report name, date and author.		If yes, list report name, date and author.	

Indicate which hazards were **NOT** reviewed:

☒ Chilliwack River Valley Erosion or Avulsion

☐ Debris Flow and Debris Torrent

☐ Debris Flood

☒ Fraser River & tributaries flooding

☒ Mountain Stream Erosion or Avulsion

☐ Major Catastrophic Landslide

☐ Seismic Effects/Liquefaction

☐ Rockfall - Small Scale Detachment

☐ Slope Stability

☐ Small Scale Localized Landslide

☒ Snow Avalanche

☒ Tsunami

Hazard Acceptability Thresholds Classification, as per Hazard Acceptability Thresholds for Development Approvals by Local Government dated November 1993 by Dr. Peter Cave.

1 Approval with conditions relating to hazards.

2 Approval, without siting conditions or protective works conditions, but with a covenant including “save harmless” conditions.

3 Approval, but with siting requirements to avoid the hazard, or with requirements for protective works to mitigate the hazard.

4 Approval as (3) above, but with a covenant including “save harmless” conditions as well as siting conditions, protective works or both.

5 Not approvable.

Additional Comments

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1460, 2017

A Bylaw to Amend the Official Community Plan for Electoral Area H

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") has deemed it advisable to amend *Fraser Valley Regional District Official Community Plan Bylaw No. XXXX, YYYY* for [a portion of] Electoral Area X:

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District Official Community Plan for Electoral Area E Amendment Bylaw No. 1460, 2017*.

2) TEXT AMENDMENT

a) That *Fraser Valley Regional District Official Community Plan for Electoral Area E Bylaw No. 1115, 2011*, be amended by:

i. By deleting section 5.11.6 in its entirety and replacing it with the following new section 5.11.6 to read as follows:

"5.11.6 Land in SUBURBAN RESIDENTIAL areas shall only be subdivided in accordance with the standards of the Responsible Authorities except that the minimum parcel size shall not be less than:

- a. two (2) hectare; or,
- b. zero point two (0.2) hectares provided that the proposed development is to be serviced by an approved community water system; or,
- c. zero point two (0.2) hectares where an approved community water and approved community sanitary sewer system is provided; or
- d. five hundred fifty seven square meters (557m²) provided that the proposed development is located in Fraser Valley Regional District Electoral Area "H" and serviced by an approved community water system and an approved community sewer system."

3) MAP AMENDMENT

a) That Schedule 2 – Land Designations of the *Fraser Valley Regional District Official Community Plan for Electoral Area E Bylaw No. 1115, 2011*, be amended by redesignating the lands legally described as:

LOT 30 SECTION 30 TOWNSHIP 25 NEW WESTMINSTER DISTRICT PLAN 37174
(P.I.D. 008-374-694),

and as outlined in heavy black and hatched on OCP Amendment Map Schedule 1460-A, from Limited Use to Suburban Residential as shown on Schedule 1460-A.

- b) That the map appended hereto as OCP Amendment Map Schedule 1460-A showing such amendments is an integral part of this bylaw.

4) SEVERABILITY

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

5) READINGS AND ADOPTION

READ A FIRST TIME THIS _____ day of _____

A PUBLIC HEARING WAS HELD THIS _____ day of _____

READ A SECOND TIME THIS _____ day of _____

READ A THIRD TIME THIS _____ day of _____

ADOPTED THIS _____ day of _____

Chair/Vice-Chair

Corporate Officer/Deputy

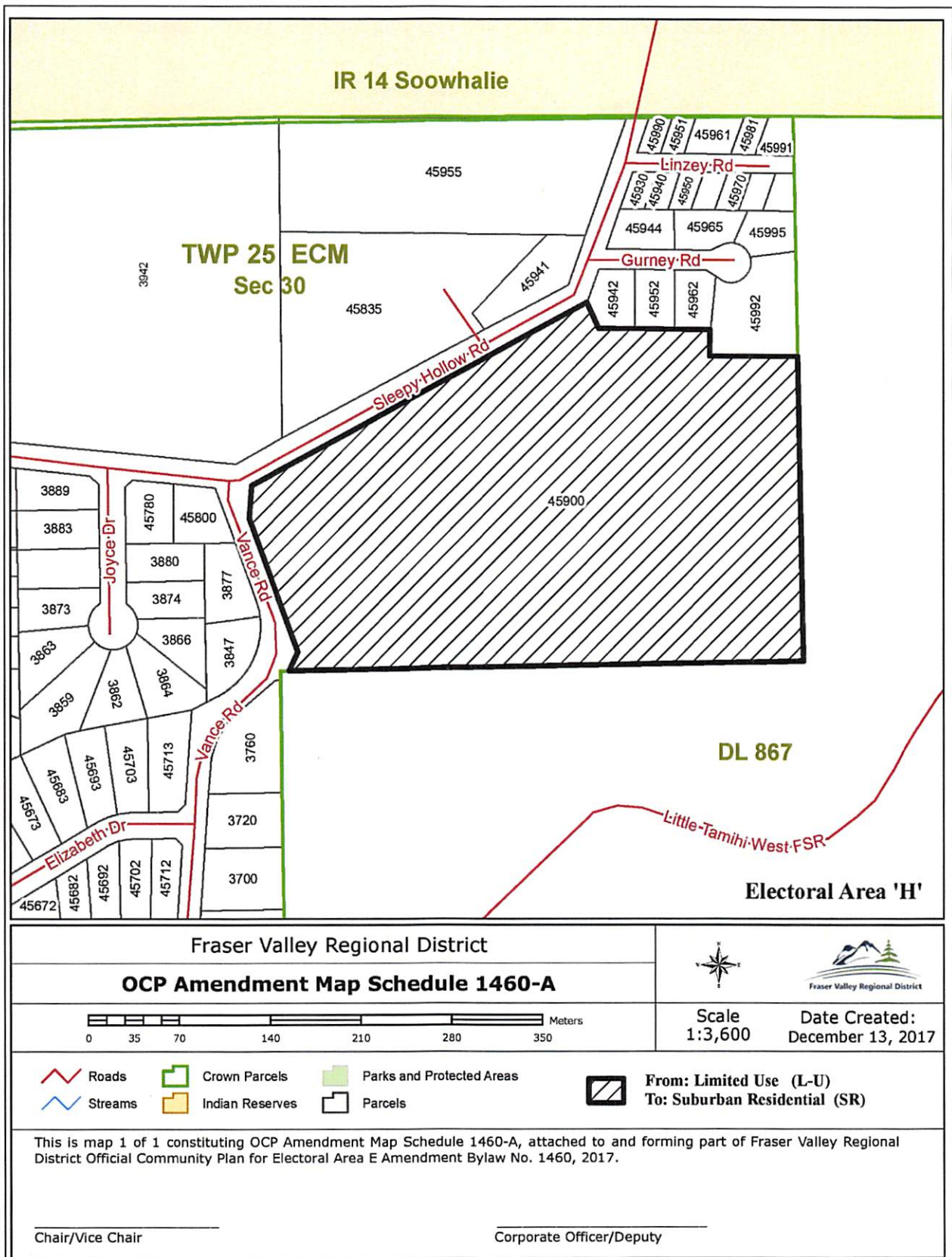
6) CERTIFICATION

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Official Community Plan for Electoral Area E Amendment Bylaw No. 1460, 2017* as adopted by the Board of Directors of the Fraser Valley Regional District on the _____ day of _____.

Dated at Chilliwack, B.C. this _____ day of _____

Corporate Officer/ Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1460, 2017
OCP Amendment Map Schedule 1460-A





THURBER ENGINEERING LTD.



December 13, 2017

File: 14463

Brad Geary
1649 Columbia Valley Road
Lindell Beach, BC
V2R 4X2

**45900 SLEEPY HOLLOW ROAD, CULTUS LAKE
GEOTECHNICAL RECOMMENDATIONS FOR SITE DEVELOPMENT
REVISION 1**

Dear Brad:

As requested, Thurber Engineering Ltd. has completed a supplementary site reconnaissance for the proposed subdivision at 45900 Sleepy Hollow Road. Further details regarding our previous work and investigation are provided in our two letters that were addressed to Pan-Canadian Mortgage Group (PCMG) dated July 8, 2015 and December 2, 2016.

This report was prepared for the exclusive use of Brad Geary. Additionally, Thurber grants permission for the Fraser Valley Regional District (FVRD) to use this report for the proposed development project for which it was prepared. Any use which a third part makes of this report, or any reliance on decisions based on it are the responsibility of such third parties.

It is a condition of this letter that Thurber's performance of its professional services is subject to the attached Statement of Limitations and Conditions.

1. BACKGROUND

The site has been historically divided into two areas, the "Lower" area along Sleepy Hollow Road and the "Upper" area that is accessed by a gravel road. Previously, Thurber has completed a preliminary geotechnical assessment and has provided recommendations for development to PCMG. The geotechnical assessment and recommendations focused on the Lower Area. A total of four test pits and one test hole were completed in the Lower Area and three test pits and one test hole were completed in the Upper Area. One test hole was completed approximately half way up the gravel access road to the Upper Area.

We understand that you have been given authorization by PCMG to proceed with re-zoning if the property. Further, we understand that you would like to develop the Upper Area and then proceed with development of the Lower Area. We understand that you currently do not have a civil engineer for this project but are considering hiring Creus Engineering Ltd. (Creus).

This letter supplements our previous letters and provides specific comments relating to the development of the Upper Area. This letter also includes recommendations that were made in our previous letters and revisits our previous recommendations regarding geotechnical hazard for the Lower Area with consideration for regrading the slope to reduce the geotechnical hazard for the

Lower Area. We are using base plans that were developed by Creus which show preliminary lot layouts that were developed for PCMG.

2. SITE DESCRIPTION AND LOCATION

The property is roughly 7.7 hectares and is located to the south of Sleepy Hollow Road and east of Vance Road. The Lower Area is sparsely covered with vegetation within the extents of the former gravel pit and moderately treed outside of the former gravel pit. Above (south of) the Lower Area is moderately steep to steep terrain that is moderately to densely treed. The steepest terrain is aligned northeast-southwest through the centre of the site, between the Lower Area and the access road to the Upper Area. The Upper Area is dissected by several ATV trails.

2.1 Previous Lot Layout

Creus' original lot layout, prior to geotechnical input, included 13 lots in the Lower Area and 17 lots within the Upper Area. This layout was revised after our first letter to include 13 lots in the Lower Area and 11 lots in the Upper Area. The number of lots was reduced to 10 in the Lower Area following input from our December 2016 letter. We had only provided Creus very preliminary guidance for the Upper Area as the focus was on the Lower lots at that time and thus their lot layout focuses on the Lower Area.

Thurber has used Creus' original lot layout, excluding their Upper Area lots, for our test hole location plan (Dwg. 14463-1) and our Preliminary Geotechnical Assessment Site Plan (Dwg. 14463-2) which we reference throughout this letter.

3. DEFINITIONS

3.1 Landslide

The APEGBC 2010 Guidelines for Legislated Landslide Assessments for Proposed Residential Developments (Landslide Guidelines) define a landslide to be: A movement of rock, debris [wood] or earth down a slope. Landslides can be a result of a natural sequence of events and/or human activities.

Hungr et al (2014) builds on the common definition of landslides and describes landslides as physical system that develops through time. In essence, a landslide can start as a slow creep, progress to failure, runout along a path and finally be deposited.

For the purposes of this report we will use the term landslides to mean a mixture of soil, rock, debris, and water moving downhill along the ground surface.

3.2 Rockfall

Rockfall would generally be included with the broad definition of landslide as described in the 2010 Guidelines. For the purposes of this report we will use the term rockfall to refer to rock fragments detaching from soil or bedrock and falling, rolling, bouncing and finally deposition.

4. BACKGROUND INFORMATION

4.1 Previous Geotechnical Investigation

Thurber completed seven test pits to approximately 2.5 m depth in 2015 and three test holes to depths between 4.5 m and 24.4 m in 2016. The soil conditions encountered in the test pits and test holes generally comprised sand and gravel. Some test pits encountered silt in the top 1 m to 2.5 m of the test pit. This is consistent with visual observations of exposed soil cuts on site. Detailed logs of the test pits and test holes from our previous reports are attached. The location of the test pits and test holes are shown on Dwg. 14463-1.

4.2 Surficial Geology

The Geological Survey of Canada Map 1487A for Chilliwack (West Half, 1980), shows the lower site area is underlain by Pleistocene Age Sumas Drift comprising till, glaciofluvial and ice-contact deposits consisting of outwash gravels and sands more than 10 m thick. At the northeast corner, the Sumas Drift is in contact with Quaternary Postglacial Salish Sediments comprising mountain stream channel, floodplain and overbank sediments of gravel and sand more than 10 m thick.

The upper sloped property area is underlain by Pre-Tertiary Age bedrock metamorphic siltstone and sandstone overlain by typically less than 2 m of glacial, eolian and colluvial deposits, i.e. mixed cohesive and granular soils.

The soil conditions observed visually at surface and in the test holes and pits confirmed the mapped deposits.

4.3 Aerial Photograph Interpretation (API)

The key observations from the API are discussed below and annotated on Dwg. 14463-2, as appropriate. Further discussion and detail is provided in Thurber's 2015 report.

The earliest available photograph from 1940 shows a landslide scar in the steep slope area near the northeast corner of the site. The landslide transported material north-westwards towards Gurney Road, as shown on Dwg. 14463-2. The landslide scar is visible in the 1946 and 1954 aerial photographs, but is masked by vegetation and indistinct in photographs later than 1954.

All the aerial photographs show steep gullies/watercourses in the northeast corner of the site. However, these gulley features are not observed in the steep slopes above Lots 1 to 10.

The 1973 aerial photograph indicates a possible fill area at the northwest end of the easement between the existing properties on Gurney Road and the northeast edge of the lower lot area.

The approximate extent of the gravel pit activity observed in the 1973 aerial photograph is shown on Dwg. 14463-2. The 1983 aerial photograph shows that about 60 to 70% of the 1973 gravel pit extent is tree covered. The 1993 aerial photograph shows the gravel pit extending marginally to the southeast and southwest of the 1973 aerial photograph extents. Photographs after 1993 show the gravel pit to be inactive and the gravel pit extent is partially masked by vegetation.

5. SITE RECONNAISSANCE

Christopher Clarke, P.Eng., of Thurber completed a site reconnaissance of the property on October 20, 2017. The purpose of the reconnaissance was to review the current conditions of the property, note any observed changes from our previous reconnaissance, and to focus on the Upper Area with emphasis on the road alignment and geotechnical setbacks from toe and crest of slopes.

Select site reconnaissance observations are annotated on Dwg. 14463-2. Vegetation obscured much of the terrain and restricted access to some areas in the northeast portion of the property.

5.1 Lower Area

The site reconnaissance of the Lower Area and the slopes above it to the south served to confirm our previous observations. The slopes above the western portion of the Lower Area (Lots 1 to 9 on Dwg. 14463-2) are steep and comprise colluvium and talus. There is minor bedrock outcrop at the top of the slopes, immediately below the access road to the Upper Area. There is also steep, near vertical, sand and gravel slopes below the access road that are typically 1 m to 2 m high. These near vertical slopes are likely scarps of previous shallow, planar failure and erosion. However, no evidence of previous significant instability was noted within this area.

The slopes above the eastern portion of the Lower Area do not appear to be bedrock controlled and thus are not as steep as the slopes above the western portion. However, these slopes show signs of old landslide features. In addition to the old landslide features, there are other signs of potential and visible slope instability including natural water springs that flow from the slopes, gullying, oversteepened slopes, bowled features / shallow instability and overturned trees. It was previously noted that the lot at the east end of Gurney Road was raised approximately 2 m to 3 m above Gurney Road on coarse granular material indicative of slope deposits and possibly landslide debris.

5.2 Access Road

The western portion of the access road to the Upper Area appears to have followed a bedrock controlled bench that appears to have been cut and locally blasted. The access road grade steepens up to 20° to 25° (36% to 47%) at the end to access the Upper Area. The road appears to have been constructed entirely in cut. Exposures of metasedimentary bedrock were noted along the access road driving surface and along cuts on the uphill side of the road.

5.3 Upper Area

The Upper Area above the access road is moderately to steeply sloped and is dissected by ATV trails. There are occasional rock outcrops along some of the trails and along the Powerline Right-of-Way (RoW). There is a knoll along the southern property line that showed signs of shallow (<1 m deep) slope instability.

Based on our site reconnaissance, we have developed a geotechnical crest and toe of slope for the Upper Area, shown on Dwg. 14463-2.

6. ANALYSIS

Our stability and rockfall analyses have been group into two areas; generally bedrock controlled slopes and generally soil controlled slopes. Generally, the slopes on the western part of the property are bedrock controlled whereas the slopes on the eastern part of the property are soil controlled. Dwg. 14463-2 includes an approximate divide between the two areas.

6.1 Static Slope Stability Analysis

We have completed limit equilibrium analysis using the software program Slope/W. Three typical cross sections were used and their locations are shown on Dwg. 14463-1 and -2. The cross sections were developed from LiDAR information provided by Creus. The soil stratigraphy was developed based on our test holes, test pits, soil exposures, and bedrock outcrops that were observed during the site reconnaissance.

The required building envelope setback from the geotechnical crest of slope is 20 m for the bedrock controlled slopes and 40 for the soil controlled slopes for a static Factor of Safety (FS) of 1.5. The results of the analysis show that the FS is quite sensitive to the depth of bedrock. If bedrock is in fact closer to the ground surface then it may be possible to reduce this setback, however, the depth to bedrock would need to be confirmed with drilling.

6.2 Seismic Slope Stability Analysis

We have updated our limit equilibrium pseudo-static analysis using Slope/W to analyse slope stability during the design 1:2475 seismic event using the same cross sections and stratigraphy described above. Seismic loads are represented as a pseudo-static force, typically equal to 0.5 times peak ground acceleration (PGA). The 2015 National Building Code Seismic Hazard Calculator (NHCSHC) estimates the PGA is 0.275g for a 1 in 2475 year return-period earthquake (probability of exceedance is 2% in 50 years) at this site. The results from the NBCSHC for the site are attached.

When the FS is less than 1 with the pseudo-static force, APEGBC's Landslide Guidelines recommend completing an additional pseudo-static analysis using a tolerable displacement of 15 cm as outlined in Appendix E.

One of two methods can be used by estimating the seismic yield coefficient that would result in 15 cm of displacement. We completed our analysis using Method 2 which estimates the seismic yield coefficient that is comparable to 15 cm of slope displacement as:

$$k_{15} = (0.006 + 0.038M) * S(0.5) - 0.026$$

M = Moment Magnitude of the Design Earthquake
 $S(0.5)$ = Spectral Response Acceleration at a period of 0.5 seconds.

For our analysis, we assumed a moment magnitude of 7.5 and the NBCSHC estimates $S(0.5) = 0.496$. The resultant k_{15} acceleration is 0.12g.

The results of the analysis indicate that the required building envelope setback from the geotechnical crest of slope for seismic conditions for the Upper Area is 15 m for bedrock controlled slopes and 40 m for soil controlled slopes. If bedrock is in fact closer to the ground surface then it may be possible to reduce this setback, however, the depth to bedrock would need to be confirmed with drilling.

6.3 Rockfall Analysis

Rockfall analyses were previously completed for the Lower Area and were not updated as our observations regarding rockfall for the Lower Area are unchanged.

Results of the rock fall analysis are attached and show rock runout approximately 20 m north of the Geotechnical Toe of Slope as discussed below.

7. GEOTECHNICAL HAZARD AND RISK

The terms hazard and risk are related yet different. The hazard can be described broadly as what is the probability or likelihood of an event occurring that causes harm to people, property or the environment. Risk is the combination of the hazard and consequence should that hazard occur.

Within Canada there is no commonly defined range of acceptable risk/safety. The APEGBC 2010 Guidelines state that “it is not the role of a Professional Engineer or Professional Geoscientist to define such levels of safety; they must be established and adopted by the local government or the provincial government after considering a range of societal values”. Within B.C. acceptable risk is provided by local governments (e.g. FVRD) and/or Ministry of Transportation and Infrastructure (MoTI) who has jurisdiction over subdivision development outside of areas of local government control. The FVRD has adopted the report by Cave (1993) titled Hazard Acceptability Thresholds for Development Approvals by Local Governments and the APEGBC 2010 Landslide Guidelines in their Geo-Hazard Assurance Statement for Development Approvals.

7.1 Geotechnical Hazards on Lower Area

As discussed in our December 2016 report, the Lower Area has been, and will be, subject to small-scale localized landslides and rockfall with a return period of 1:50 to 1:100. Under the acceptance criteria by Cave it would not be permissible for subdivision (infill/extend) on the majority of the Lower Area. Thus, mitigation measures are required for subdivision approval on the site.

Based on the Cave report, the acceptable return period for hazards must be 1:500 to 1:10,000 for approval of a new subdivision. For the purposes of our assessment and this report we have considered a 2,475 year return period hazard as recommended in the APEGBC 2010 Guidelines. For potential larger return period hazards we have considered “what if” scenarios that are possible and have designed and recommended mitigation measures for these longer return period hazards. It is our opinion that this approach satisfies the guidance provided by Cave: **Approval, but with siting requirement to avoid the hazard or with requirements for protective works to mitigate the hazard and with a covenant including “save harmless” conditions as well as siting conditions, protective works or both.**

7.2 Geotechnical Hazards on Upper Area

The steeper slopes within the Upper Area, below the geotechnical crest of slope, could be subject to small-scale localized landslides and rockfall with a return period of 1:50 to 1:100. These areas are not permissible for development.

There is a knoll that is situated along the south property line that is subject to small-scale localized landslides with a return period of 1:50 to 1:100. Regrading of the knoll to decrease the return period may be difficult as it is on the property boundary.

Areas that are setback from the geotechnical crest of slope as outlined in Section 6.1 and are setback 6 m from the geotechnical toe of knoll slope are currently subject to small-scale localized landslip with a return period of 1:500 to 1:10,000. Cave provides the following guidance: **Approval, but with siting requirement to avoid the hazard or with requirements for protective works to mitigate the hazard and with a covenant including “save harmless” conditions as well as siting conditions, protective works or both.**

Regrading of the Upper Area is likely to require cuts and fill slopes. It may be necessary to use reinforcement such as geogrid or shotcrete and anchors to safely construct cuts and fills.

Table 1
Estimated Annual Return Frequencies for Geotechnical Hazards

Geotechnical Hazard	Estimated Annual Return Frequency		
	Lower Area	Lower Area after Mitigation	Upper Area Outside Setback Areas
Small-Scale Localized Landslip	1:50-1:200	1:500-1:10,000	1:500-1:10,000
Rockfall Small Scale Detachment	1:100	1:1000-1:10,000	N/A

The estimated annual return frequencies in Table 1 are qualitative, rather than quantitative, and were established primarily using engineering judgement based on the information available at this time. The annual return frequencies are subject to change due to construction activities such as regrading, logging and water diversion.

8. DISCUSSION AND RECOMMENDATIONS

The following discussion and recommendations are written in the context of and to address the FVRD Geo-Hazard Assurance Statement requirements and the previous work complete by Thurber with Creus for PCMG.

8.1 General

General site grading and design should avoid concentration of water near a slope crest. Clearing of existing vegetation should be limited to what is required for site access and building sites and all existing vegetation should be retained on steeply sloping areas of the site.

Precautionary scaling of loose rock blocks from the existing soil and rock slopes above the lots should be completed prior to construction. Boulders that may be supported by vegetation on the hillside should be removed.

No retaining walls or other permanent fills should be placed near the crests of slopes. Grading along crests of slopes may be permissible only if it results in reducing the existing grade.

In general, it should be anticipated that the near-surface silty soil will be removed to expose the gravelly soil or bedrock below. Subsurface drainage measures may also be required in areas of groundwater seepage in the soil and/or bedrock.

Sections 8.2 to 8.4 below provide site specific recommendations for building setbacks, hazard mitigation and drainage. We have used previous drawings prepared by Thurber for our slope gradient maps to convey our required setbacks, location of hazard mitigation requirements and areas where structures are not permitted. Thurber must be given the opportunity to review the site grading plan, lot layout, and housing footprints proposed by your civil engineer to confirm the intent of our geotechnical hazard assessment recommendations are met.

8.2 Lower Area

Geotechnical mitigation measures for the Lower Area are discussed in our December 2016 report. Our mitigation measures for lot development are unchanged and are summarized below.

Small surficial landslides and rockfall is expected to occur from the slopes to the south of the proposed lots. To provide storage for the small frequent events, we recommend a flat (maximum 6H:1V) bench at base of slope before the berm. This area should be allowed to vegetate naturally with no structures or gardens.

To retain smaller landslides and rockfall we recommend a berm be constructed. The berm should have 1.7H:1V or flatter side slopes with a minimum 2 m wide bench on top.

For all lots, the house should be setback from the berm with a minimum 15 m flat (maximum 6H:1V) back yard. No permanent or habitable structures should be located within this area. Small garden features and sheds are acceptable provided they do not interfere with the berm.

Localized landslides and rock fall will require periodic maintenance of the berm and flat areas so they remain at the as-designed geometry. This will most likely consist of periodically removing material that has accumulated behind the berm.

We recommend that all houses be constructed with concrete walls above ground level. The concrete wall should be a minimum of 1.5 m high above ground on the back of the house and 1 m high above ground on the sides. These above grade concrete walls will provide an additional level of protection from upslope hazards.

We had noted that Lots 9 to 11 may be filled to “effectively move the Geotechnical Toe of Slope towards the south”.

Historic landslides were observed on the eastern slopes above the Lower Area in the vicinity of Lots 12 and 13. Within Lots 12 and 13 the proposed house location is likely to be at the south side of the lot near the steep slopes. It is our professional opinion that development of these lots is not feasible due to existing sloping ground and not enough space to setback house sites from the toe of slope. Therefore, we do not recommend house construction on Lots 12 and 13.

Lot specific geotechnical hazard mitigation is provided in Table 2 and shown on Dwg. 14463-3.

Table 2
Lower Area Mitigation Measures

Lot	Berm Setback from Geotechnical Toe of Slope (m)	Berm Height (m)	House Setback from Berm Toe (m)	Raised Concrete Foundation Wall
1 to 8	5	2	15	Yes
9 to 11	15	3	15	Yes
12 to 13	House Construction Not Recommended			

You have inquired about regrading / scaling the slopes south of the Lower Area lots to reduce the hazard level or to move the hazard level boundary further to the south. It is our opinion that it is best to leave the slope as is and to construct mitigation measures at the toe of the slope. However, if you elect to regrade the slope it is likely that you will need to excavate to bedrock at the top of the slope to flatten the colluvium soil slope. This would reduce both the risk of rockfall and small-scale landslip but will likely require rock support in the form of rock bolts or wire mesh. Rock outcrops were noted at the top of the slope, immediately below the access road and near the toe of the slope at about the midway point in the property (above Lots 8-10). The depth to bedrock is unknown throughout the rest of the slope.

8.3 Access Road

We understand that the FVRD ideally requires that the road be graded no steeper than 11% (6.3°). The existing road is steeper and thus will require regrading and realignment of the eastern portion to reduce the road grade to 11%. We recommend that the road is aligned so that it is entirely in cut. Filling on the already steep, locally unstable slopes between the access road and the Lower Area should be avoided. This is particularly important where the road will need to traverse along the slopes above the eastern portion of the Lower Area where there are numerous steep gullies, drainage paths, and historic landslides. Drainage will need to be constructed under the road where it crosses gullies.

Fill must not be placed on the eastern slopes as it will increase the risk of landslides that may affect the eastern portion of the Lower Area as well as neighbouring properties on Gurney Road. The road alignment should be expected to be within cut that will encounter both bedrock and sand and gravel. Cuts in rock will require blasting, scaling, and rock stabilization such as rock bolts, mesh, and shotcrete. Cuts in sand and gravel may require stabilization with permanent shotcrete and anchors. Detailed design recommendations for this work should be provided by Thurber once site grading plans have been completed.

8.4 Upper Area

Depending on grading and the access road footprint, we believe that lot development is feasible between setbacks. However, we consider it unlikely that lots can be developed east of the existing access road as regrading for the new road in addition to the required building setback will not leave much buildable space. It may be possible to regrade the knoll to obtain more buildable lot space however grading may be difficult to complete along the south property line without impacting the powerlines RoW.

Table 3
Summary of Geotechnical Setbacks for Upper Area

Area	Setback (m)
Bedrock Controlled Slopes	20
Soil Controlled Slopes	40

The gravelly sand encountered beneath the silt crust in the Upper Area is generally considered to be adequate as foundation soil for conventional residential units. Removal of the silt crust below buildings and road footprints will be required.

8.5 Rock Cut Slopes

We recommend that an allowance is made for a 3 m wide zone of cleaned bedrock above all rock cuts and at soil/rock interface in mixed soil and rock cuts. For preliminary design purposes, all permanent and temporary rock cut slopes should be designed at 1H:4V.

Depending on the actual rock conditions encountered and the effectiveness of the controlled blasting, rock cut slope stabilization may include rock bolting, shotcrete, dental concrete and slope mesh. Rock slopes should be excavated with smooth faces to limit potential for bouncing of rockfall. Fencing between drilled rock anchors along the crest of permanent rock cuts may be required in steeper areas to limit potential for colluvial material and rockfall from the slope above impacting the lots.

8.6 Soil Slopes

For preliminary design and grading, permanent, unsupported soil cuts in overburden and permanent fill slopes should be cut steeper than 2H:1V. Less dense soil and areas where groundwater seepage is encountered may require cutting at shallower slope angles and should be reviewed by Thurber. It may also be possible to locally steepen cut and fill slopes depending on their height. We recommend that these slopes be vegetated with a variety of species, including deep rooting species, as soon as possible following completion of excavation. Vegetation will limit the potential for surficial sloughing due to long term weathering of the near surface soils.

9. FUTURE WORK

The next steps to assess the development of the lots should be as follows:

1. Determine if it is feasible to develop in the Upper Area depending on the minimum lot sizing required by FVRD. If feasible, your civil engineer should develop grading and lot layout drawings and cross sections for the Upper Area based on the input provided by Thurber in this report.
2. Develop a lot layout for the Lower Area based on minimum lot sizing required by FVRD that include our hazard mitigation measures. If you elect to regrade the slope above the Lower Area then further investigation may be required to determine the depth to bedrock along the slope.
3. Thurber to review grading and lot layout plans. Additional input will be needed for soil and rock stabilization depending on the requirements for grading.
4. The building setback lines should be surveyed and staked in the field. Allowance should be made to allow Thurber to review the staked setback lines in the field to review that our recommendations were conveyed appropriately.

10. CONCLUSION

The lots should generally be graded flat or gently sloping and mitigation features as described above should be implemented so that small-scale landslides and rockfall can deposit before reaching the houses. The Geotechnical Toe of Slope and berm should be marked out by survey in the field and Thurber should review the location on site to confirm that it is consistent with our recommendations.

It is a condition of the above recommendations that Thurber will be retained to review grading plans and to complete inspections during construction to confirm that construction is in accordance with our recommendations. For the Cave conditions to be satisfied a covenant including "save harmless" conditions will be required. Provided that the above recommendations are followed we estimate that the risk of a small-scale landslide and rockfall reaching the house and causing injury will be between 1:500 and 1:10,000 and 1:1,000 and 1:10,000, respectively. Thus, it is our professional opinion that the Upper Area and the area within Lots 1 to 11 in the Lower Area as shown on Dwg. 14463-2 can be developed such that the site will be safe for the intended use.

We trust that this information is sufficient for your needs. Should you require clarification of any item or additional information, please contact us at your convenience.



Yours truly,
Thurber Engineering Ltd.
David Regehr, P.Eng
Review Principal



Christopher Clarke, P.Eng.
Project Engineer

Attachments: Statement of Limitations and Conditions
 Test Hole Location Plan (Dwg. 14463-1)
 Preliminary Geotechnical Assessment Site Plan (Dwg. 14463-2)
 Geotechnical Hazard Mitigation Detail (Dwg. 14463-3)
 Property Location Map (Dwg. 14463-4)
 Test Hole and Test Pit Logs
 Slope Stability Analysis Results
 Rock Fall Analysis Results
 1940 Aerial Photograph Showing Landslide Scar

STATEMENT OF LIMITATIONS AND CONDITIONS

1. STANDARD OF CARE

This Report has been prepared in accordance with generally accepted engineering or environmental consulting practices in the applicable jurisdiction. No other warranty, expressed or implied, is intended or made.

2. COMPLETE REPORT

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment are a part of the Report, which is of a summary nature and is not intended to stand alone without reference to the instructions given to Thurber by the Client, communications between Thurber and the Client, and any other reports, proposals or documents prepared by Thurber for the Client relative to the specific site described herein, all of which together constitute the Report.

IN ORDER TO PROPERLY UNDERSTAND THE SUGGESTIONS, RECOMMENDATIONS AND OPINIONS EXPRESSED HEREIN, REFERENCE MUST BE MADE TO THE WHOLE OF THE REPORT. THURBER IS NOT RESPONSIBLE FOR USE BY ANY PARTY OF PORTIONS OF THE REPORT WITHOUT REFERENCE TO THE WHOLE REPORT.

3. BASIS OF REPORT

The Report has been prepared for the specific site, development, design objectives and purposes that were described to Thurber by the Client. The applicability and reliability of any of the findings, recommendations, suggestions, or opinions expressed in the Report, subject to the limitations provided herein, are only valid to the extent that the Report expressly addresses proposed development, design objectives and purposes, and then only to the extent that there has been no material alteration to or variation from any of the said descriptions provided to Thurber, unless Thurber is specifically requested by the Client to review and revise the Report in light of such alteration or variation.

4. USE OF THE REPORT

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. NO OTHER PARTY MAY USE OR RELY UPON THE REPORT OR ANY PORTION THEREOF WITHOUT THURBER'S WRITTEN CONSENT AND SUCH USE SHALL BE ON SUCH TERMS AND CONDITIONS AS THURBER MAY EXPRESSLY APPROVE. Ownership in and copyright for the contents of the Report belong to Thurber. Any use which a third party makes of the Report, is the sole responsibility of such third party. Thurber accepts no responsibility whatsoever for damages suffered by any third party resulting from use of the Report without Thurber's express written permission.

5. INTERPRETATION OF THE REPORT

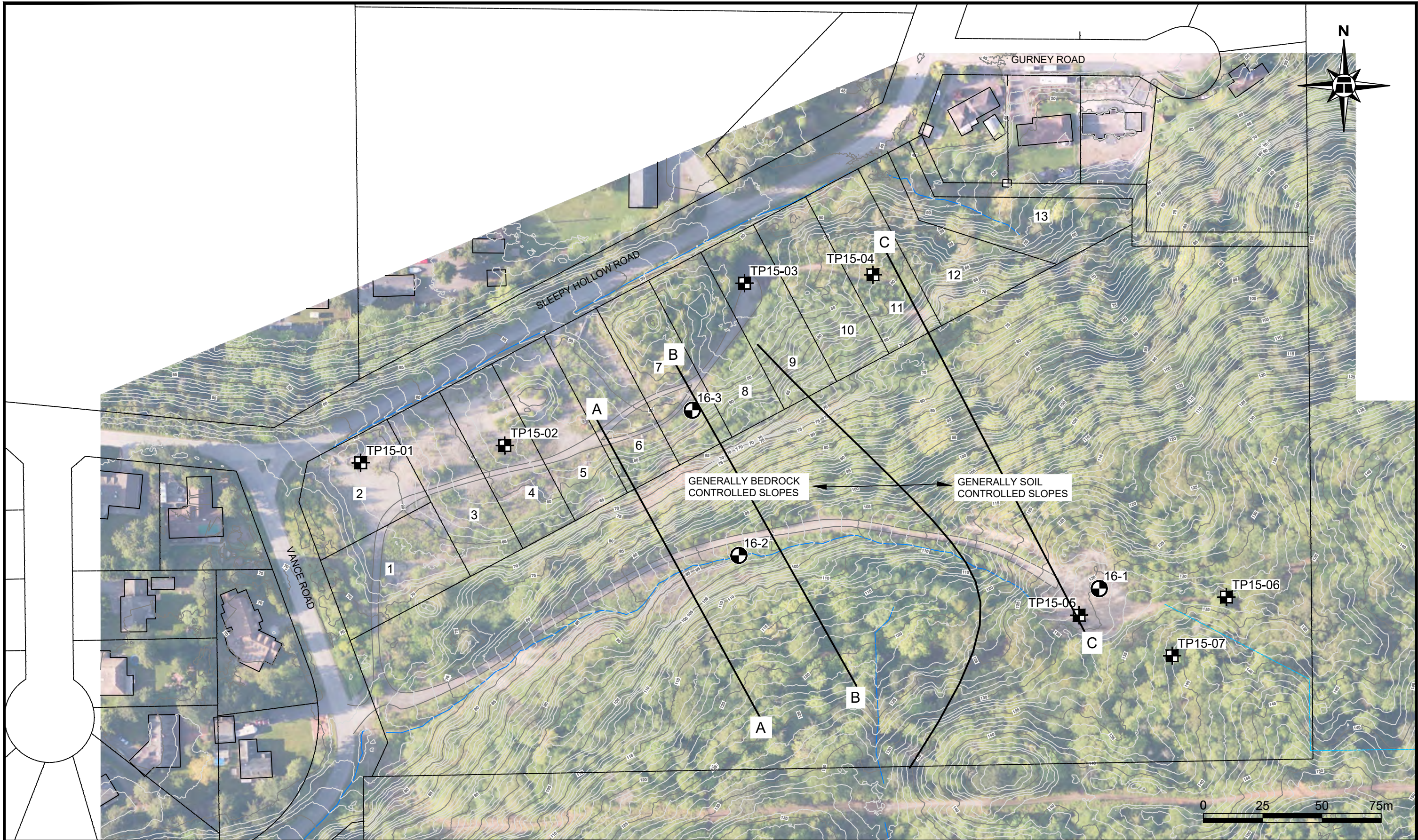
- a) Nature and Exactness of Soil and Contaminant Description: Classification and identification of soils, rocks, geological units, contaminant materials and quantities have been based on investigations performed in accordance with the standards set out in Paragraph 1. Classification and identification of these factors are judgmental in nature. Comprehensive sampling and testing programs implemented with the appropriate equipment by experienced personnel may fail to locate some conditions. All investigations utilizing the standards of Paragraph 1 will involve an inherent risk that some conditions will not be detected and all documents or records summarizing such investigations will be based on assumptions of what exists between the actual points sampled. Actual conditions may vary significantly between the points investigated and the Client and all other persons making use of such documents or records with our express written consent should be aware of this risk and the Report is delivered subject to the express condition that such risk is accepted by the Client and such other persons. Some conditions are subject to change over time and those making use of the Report should be aware of this possibility and understand that the Report only presents the conditions at the sampled points at the time of sampling. If special concerns exist, or the Client has special considerations or requirements, the Client should disclose them so that additional or special investigations may be undertaken which would not otherwise be within the scope of investigations made for the purposes of the Report.
- b) Reliance on Provided Information: The evaluation and conclusions contained in the Report have been prepared on the basis of conditions in evidence at the time of site inspections and on the basis of information provided to Thurber. Thurber has relied in good faith upon representations, information and instructions provided by the Client and others concerning the site. Accordingly, Thurber does not accept responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of misstatements, omissions, misrepresentations, or fraudulent acts of the Client or other persons providing information relied on by Thurber. Thurber is entitled to rely on such representations, information and instructions and is not required to carry out investigations to determine the truth or accuracy of such representations, information and instructions.
- c) Design Services: The Report may form part of design and construction documents for information purposes even though it may have been issued prior to final design being completed. Thurber should be retained to review final design, project plans and related documents prior to construction to confirm that they are consistent with the intent of the Report. Any differences that may exist between the Report's recommendations and the final design detailed in the contract documents should be reported to Thurber immediately so that Thurber can address potential conflicts.
- d) Construction Services: During construction Thurber should be retained to provide field reviews. Field reviews consist of performing sufficient and timely observations of encountered conditions in order to confirm and document that the site conditions do not materially differ from those interpreted conditions considered in the preparation of the report. Adequate field reviews are necessary for Thurber to provide letters of assurance, in accordance with the requirements of many regulatory authorities.

6. RELEASE OF POLLUTANTS OR HAZARDOUS SUBSTANCES

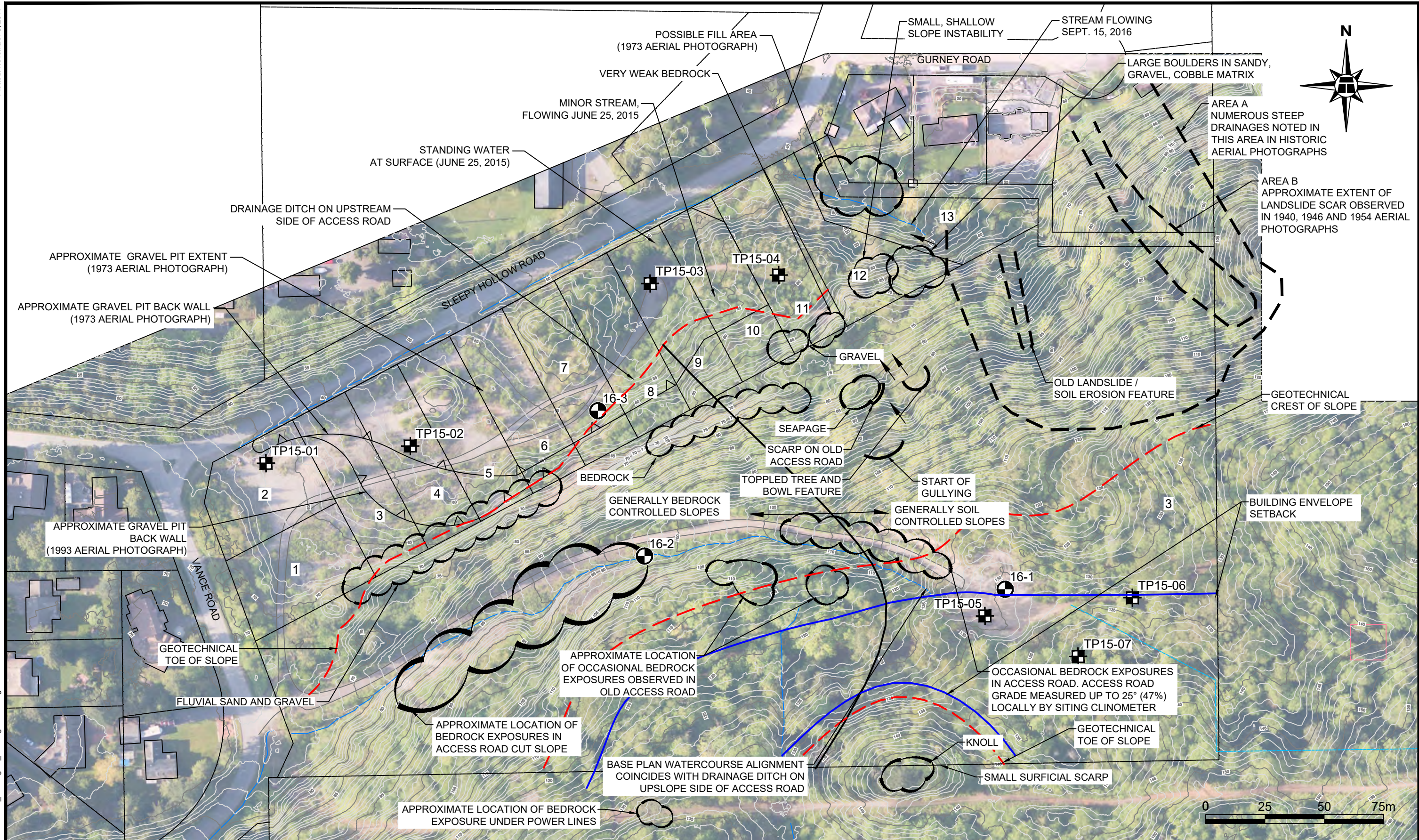
Geotechnical engineering and environmental consulting projects often have the potential to encounter pollutants or hazardous substances and the potential to cause the escape, release or dispersal of those substances. Thurber shall have no liability to the Client under any circumstances, for the escape, release or dispersal of pollutants or hazardous substances, unless such pollutants or hazardous substances have been specifically and accurately identified to Thurber by the Client prior to the commencement of Thurber's professional services.

7. INDEPENDENT JUDGEMENTS OF CLIENT

The information, interpretations and conclusions in the Report are based on Thurber's interpretation of conditions revealed through limited investigation conducted within a defined scope of services. Thurber does not accept responsibility for independent conclusions, interpretations, interpolations and/or decisions of the Client, or others who may come into possession of the Report, or any part thereof, which may be based on information contained in the Report. This restriction of liability includes but is not limited to decisions made to develop, purchase or sell land.



LEGEND: TEST HOLE TEST PIT (2015 INVESTIGATION)	NOTES: 1. BASE PLAN PROVIDED BY CREUS ENGINEERING LTD. ON OCTOBER 17, 2016. 2. TEST HOLE LOCATIONS ARE APPROXIMATE.	 THURBER ENGINEERING LTD. 203	CLIENT BRAD GEARY	DESIGNED CJC	DRAWN NAK/MOM	APPROVED
			TEST HOLE LOCATION PLAN	DATE 03/11/17	SCALE 1:1500	
			SLEEPY HOLLOW ROAD SUBDIVISION	PROJECT No. 14463	DWG. No. 1	REV. 1
				CULTUS LAKE, BC		



LEGEND:	
	TEST HOLE
	TEST PIT (2015 INVESTIGATION)
	WATER SEEPAGE OBSERVED ON SLOPE
	GEOTECHNICAL TOE OF SLOPE

NOTES:	
1.	BASE PLAN PROVIDED BY CREUS ENGINEERING LTD. ON OCTOBER 17, 2016.
2.	AERIAL IMAGE BY TERRA REMOTE SENSING INC. DATED MAY 21, 2015.
3.	TEST HOLE LOCATIONS ARE APPROXIMATE.



THURBER ENGINEERING LTD.

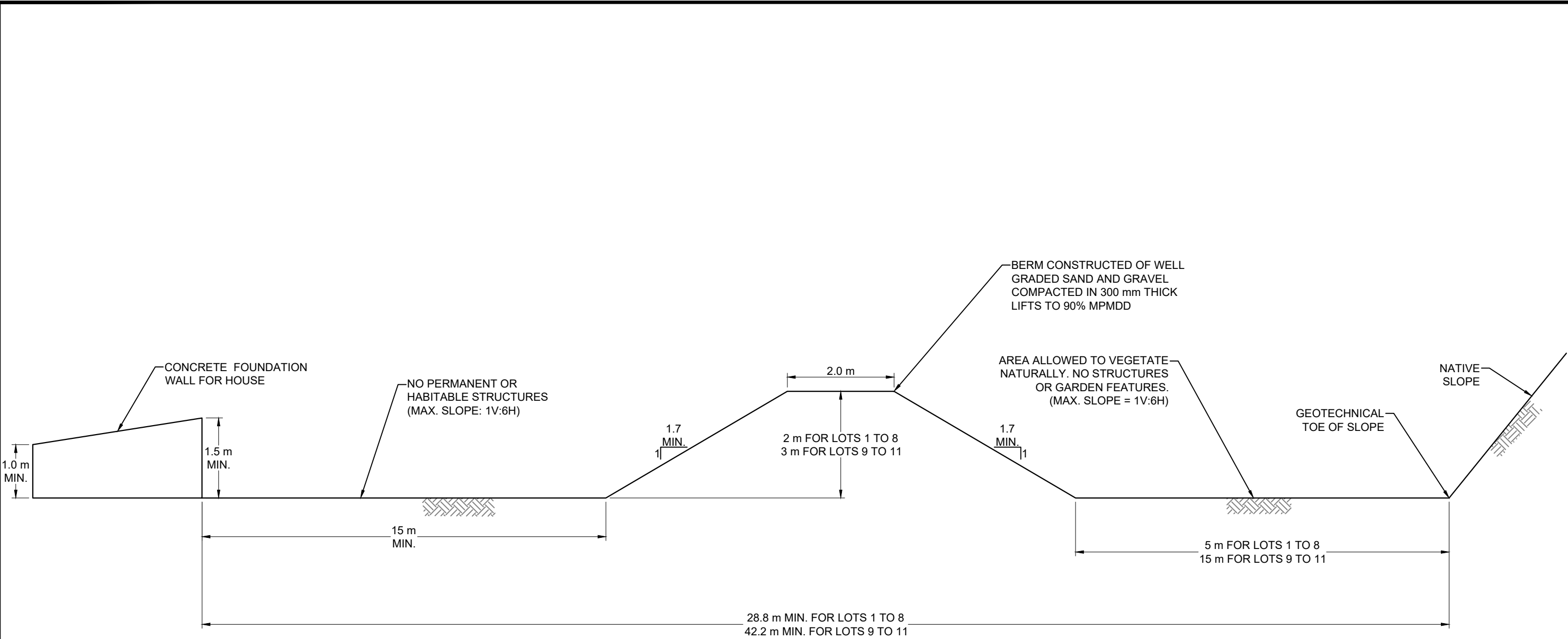
204

CLIENT	BRAD GEARY
PRELIMINARY GEOTECHNICAL ASSESSMENT SITE PLAN	
SLEEPY HOLLOW ROAD SUBDIVISION	
CULTUS LAKE, BC	

DESIGNED CJC	DRAWN NAK/MOM	APPROVED
DATE 03/11/17	SCALE 1:1500	
PROJECT No. 14463	DWG. No. 2	REV. 1

Plotted: December 2, 2016

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LEGEND:	NOTES:	 THURBER ENGINEERING LTD.	CLIENT	PAN CANADIAN MORTGAGE GROUP			DESIGNED BSP	DRAWN NAK	APPROVED DNR
			GEOTECHNICAL HAZARD MITIGATION DETAIL	DATE 01/12/16		SCALE N.T.S.			
				PROJECT No. 14463		DWG. No. 3	REV. -		
				SLEEPY HOLLOW ROAD SUBDIVISION			CULTUS LAKE, BC		



0 125 250 375m



THURBER ENGINEERING LTD.

CLIENT

BRAD GEARY

DESIGNED
CJC

DRAWN
MOM

APPROVED

DATE
03/11/17

SCALE
1:7500

PROJECT No.
14463

DWG. No.
4

REV.
0

GENERAL SITE LOCATION

SLEEPY HOLOW ROAD SUBDIVISION

CALTUS LAKE B.C.

SYMBOLS AND TERMS

FOR SOIL DESCRIPTION AND TEST HOLE LOGS

BASIC SOIL SYMBOLS

Predominant Material	Secondary Material
GRAVEL	gravelly to some gravel
SAND	sandy to some sand
SILT	silty to some silt
CLAY	clayey to some clay
PEAT / ORGANICS	some organics
Undifferentiated BEDROCK	
ORGANIC SILT	
FILL / DEBRIS	

PROPORTION OF MINOR COMPONENTS BY WEIGHT ⁽²⁾

and	35 - 50%
y / ey	20 - 35%
some	10 - 20%
trace	0 - 10%

SYMBOL VARIATIONS - EXAMPLES ⁽¹⁾

SAND and GRAVEL	
SAND, silty	
SILT with some clay	

DENSITY OF GRANULAR SOILS

Description	SPT N ⁽⁵⁾ ⁽⁶⁾
Very Loose	0 - 4
Loose	4 - 10
Compact	10 - 30
Dense	30 - 50
Very Dense	> 50

CONSISTENCY OF COHESIVE SOILS

Description	Undrained Shear Strength (kPa) ⁽⁶⁾
Very Soft	< 12
Soft	12 - 25
Firm	25 - 50
Stiff	50 - 100
Very Stiff	100 - 200
Hard	> 200

PENETRATION TESTS

Dynamic Cone Penetration	
Standard Penetration	
Becker Closed Casing	
Becker Open Casing	
Bounce Chamber Pressure	

CLASSIFICATION BY PARTICLE SIZE

Name	Size Range ⁽⁶⁾		
	(mm) ⁽³⁾	U.S. Standard Sieve Size	
		Retained	Passing
Boulders	> 200	8 inch	-
Cobbles	75 - 200	3 inch	8 inch
Gravel: coarse	19 - 75	0.75 inch	3 inch
Gravel: fine	5 - 19	No. 4	0.75 inch
Sand: coarse	2 - 5	No. 10	No. 4
Sand: medium	0.4 - 2	No. 40	No. 10
Sand: fine	0.075 - 0.4	No. 200	No. 40
Fines (Silt or Clay) ⁽⁴⁾	< 0.075	-	No. 200

- (1) Only selected examples of the possible variations or combinations of the basic symbols are illustrated.
- (2) Example: SAND, silty, trace of gravel = sand with 20 to 35% silt and up to 10% gravel, by dry weight. Percentages of secondary materials are estimates based on visual and tactile assessment of samples.
- (3) Approximate metric conversion.
- (4) Fines are classified as silt or clay on the basis of Atterberg limits.
- (5) SPT N values on test hole logs are uncorrected field values.
- (6) Reference Canadian Foundation Engineering Manual 4th Edition, 2006.



LOG OF TEST HOLE

TEST HOLE NO.

16-1

LOCATION: See Dwg. 14463-1
N 5435991, E 576489

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 130.0 m (est.)

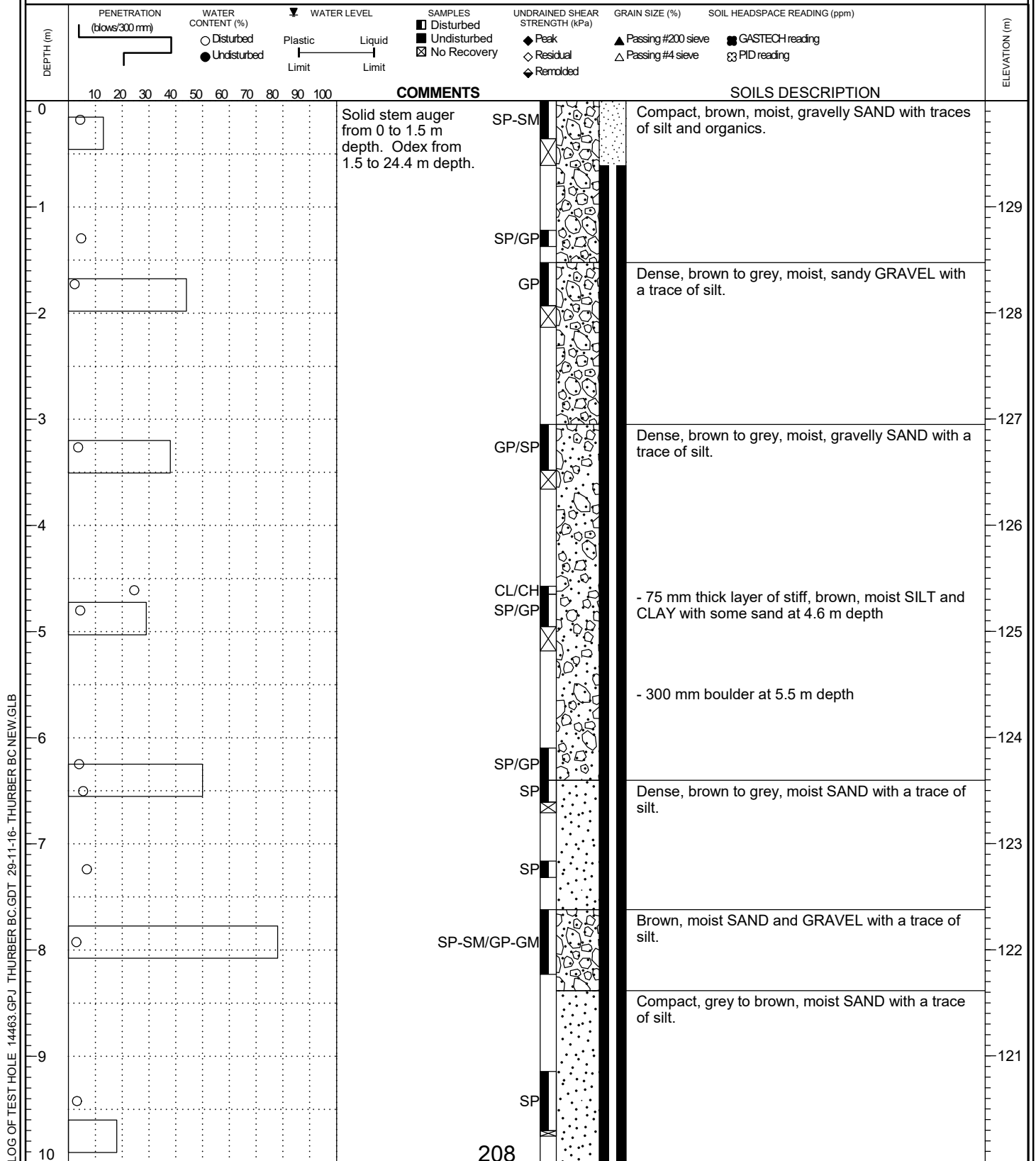
METHOD: Auger/Odex

DATE: September 27, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



LOG OF TEST HOLE

TEST HOLE NO.

16-1

LOCATION: See Dwg. 14463-1
N 5435991, E 576489

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 130.0 m (est.)

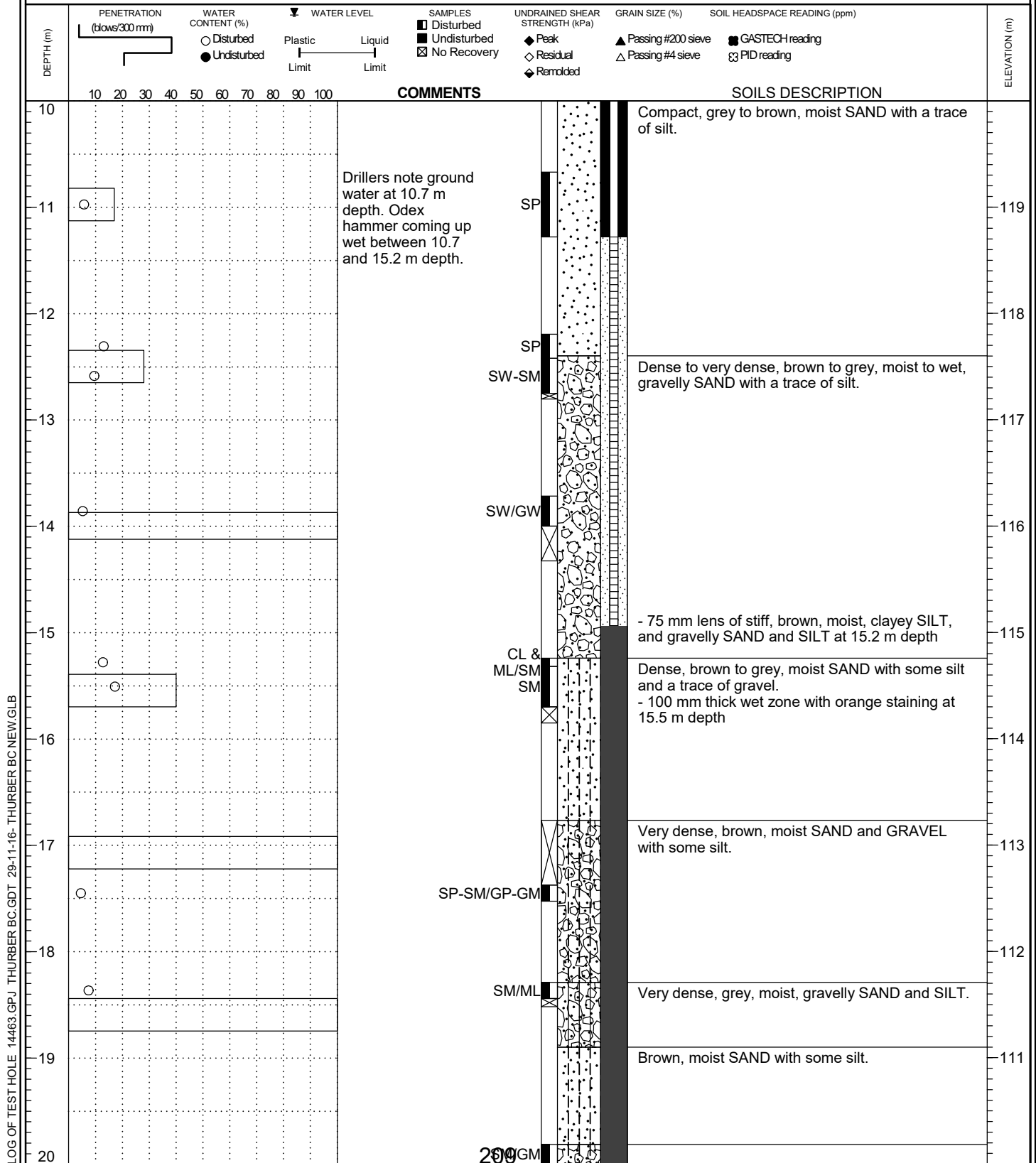
METHOD: Auger/Odex

DATE: September 27, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



LOG OF TEST HOLE 14463.GPJ THURBER BC.GDT 29-11-16- THURBER BC NEW.GLB

200 GM

LOG OF TEST HOLE

TEST HOLE NO.

16-1

LOCATION: See Dwg. 14463-1
N 5435991, E 576489

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 130.0 m (est.)

METHOD: Auger/Odex

DATE: September 27, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
20	○							SM/GM	Grey to brown, moist SAND and GRAVEL with some silt.	
21	▼								Hard, grey METAMORPHOSED SILTSTONE.	109
22										108
23										107
24	○							METAMORPHOSED SILTSTONE		106
25									End of test hole at required depth. Hole open to 23 m depth and on completion of drilling, groundwater observed at 21 m depth.	105
26										104
27										103
28										102
29										101
30										

LOG OF TEST HOLE

TEST HOLE NO.

16-2

LOCATION: See Dwg. 14463-1
N 5436005, E 576337

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 100.0 m (est.)

METHOD: Odex

DATE: September 28, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	ELEVATION (m)	COMMENTS	SOILS DESCRIPTION
0										Very dense, brown to grey, moist GRAVEL and SAND with a trace of silt.
1										
2										Dark brown to grey, moist GRAVEL and SAND with some silt and trace zones of clayey silt. Hard, grey METAMORPHOSED SILTSTONE.
3										
4										
5										End of test hole in confirmed bedrock. Hole open to 4.4 m depth and no ground water observed upon completion of drilling.
6										
7										
8										
9										
10										

LOG OF TEST HOLE 14463.GPJ THURBER BC.GDT 29-11-16- THURBER BC NEW.GLB

LOG OF TEST HOLE

TEST HOLE NO.

16-3

LOCATION: See Dwg. 14463-1
N 5436098, E 576318

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 55.0 m (est.)

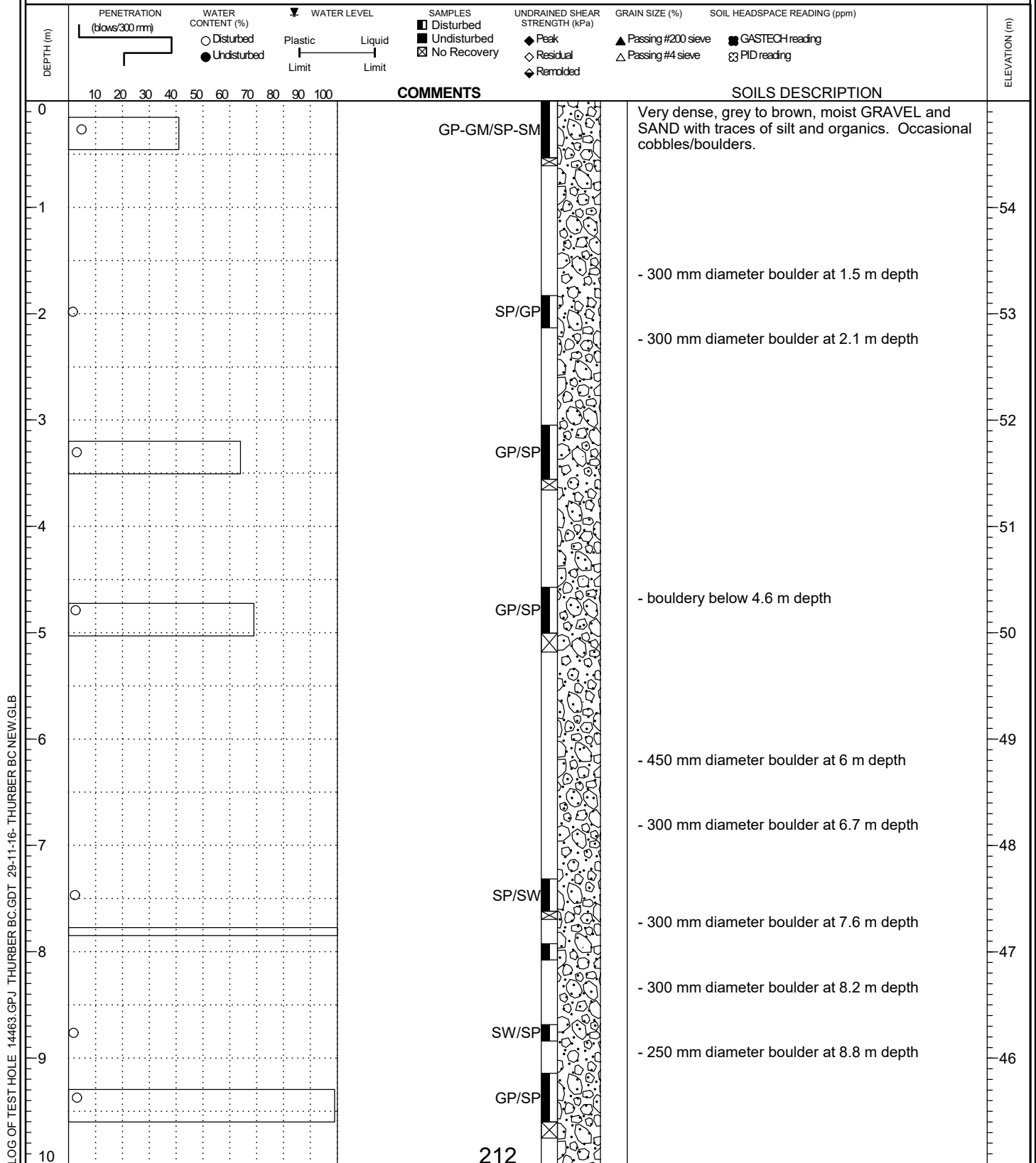
METHOD: Odex

DATE: September 28, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



LOG OF TEST HOLE

TEST HOLE NO.

16-3

LOCATION: See Dwg. 14463-1
N 5436098, E 576318

CLIENT: Pan-Canadian Mortgage Group
PROJECT: Sleepy Hollow Road Subdivision

TOP OF HOLE ELEV: 55.0 m (est.)

METHOD: Odex

DATE: September 28, 2016

DRILLING CO.: VanMars Drilling Ltd.

FILE NO.: 14463

INSPECTOR: SMP



DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	ELEVATION (m)	COMMENTS	SOILS DESCRIPTION
10										Very dense, grey to brown, moist GRAVEL and SAND with traces of silt and organics. Occasional cobbles/boulders.
11									GW	End of test hole at required depth. Hole open to 10.8 m depth and no groundwater observed upon completion of drilling.
12										
13										
14										
15										
16										
17										
18										
19										
20										

LOG OF TEST PIT

TEST PIT NO.
TP15-01

LOCATION: See Dwg. 19-5849-1-1
N 576179,
E 5436039

TOP OF HOLE ELEV: 65.8 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☑ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☼ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Inferred compact to dense, brown fine to coarse SAND and subrounded to rounded GRAVEL and COBBLES, with some subrounded to rounded 600 mm minus boulders. (Probably Reworked Sand and Gravel).	65.8
1	○							Percolation test adjacent to test pit at 1.2 m depth.	Inferred compact to dense, light brown, fine to coarse SAND and subrounded to rounded GRAVEL, and traces of subrounded cobbles and subrounded minus 600 mm boulders. (Probably Reworked Sand and Gravel).	65
2	○									64
3										63
4										62
5										61
6										60
7										59
8										58
9										57
10									End of hole at required depth. No groundwater observed.	56

LOG OF TEST PIT

TEST PIT NO.

TP15-02

LOCATION: See Dwg. 19-5849-1-1
N 576236,
E 5436060

TOP OF HOLE ELEV: 59.0 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◇ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ⊗ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Inferred loose to compact, brown fine to coarse SAND, subrounded to subangular to tabular GRAVEL with traces of minus 125 mm cobbles and organics to 0.3 m depth (Probably Reworked Sand and Gravel).	58
1	○			SW-SM/GW-GM				Percolation test adjacent to test pit at 1.2 m depth.	Inferred dense, brown fine to coarse SAND and subangular GRAVEL with traces to some subrounded to rounded minus 150 cobbles (Probably Native Sand and Gravel).	57
2	○			GW-GM					End of hole at required depth. No groundwater observed.	56
3										55
4										54
5										53
6										52
7										51
8										50
9										
10										

LOG OF TEST PIT

TEST PIT NO.

TP15-03

LOCATION: See Dwg. 19-5849-1-1
N 576342,
E 5436113

TOP OF HOLE ELEV: 51.0 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.
PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Inferred dense, brown fine to coarse, SAND with some subrounded to subangular gravel, subrounded to rounded cobbles and minus 250 mm boulders (Gravel Pit Road).	51.0
1									Inferred compact, brown fine to medium SAND with some subrounded to subangular gravel and traces of minus 100 mm cobbles.	50.0
2								Percolation test adjacent to test pit at 1.2 m depth. Damp below 1.7 m depth.		49.0
3										48.0
4										47.0
5										46.0
6										45.0
7										44.0
8										43.0
9										42.0
10										

LOG OF TEST PIT

TEST PIT NO.
TP15-04

LOCATION: See Dwg. 19-5849-1-1
N 576378,
E 5436096

TOP OF HOLE ELEV: 61.3 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Topsoil over firm to soft, brown sandy SILT/inferred loose to compact silty fine to coarse SAND with some fine to coarse, subangular to subrounded gravel and minus 100 mm cobbles (Fill).	61
1									Firm to soft, black to brown SILT with some fine sand, traces to some angular to subangular gravel and traces of minus 175 mm cobbles with wood fragments (Fill).	60
2										59
3									End of hole at required depth. No groundwater observed.	58
4										57
5										56
6										55
7										54
8										53
9										52
10										

LOG OF TEST PIT

TEST PIT NO.
TP15-05

LOCATION: See Dwg. 19-5849-1-1
N 576471,
E 5435979

TOP OF HOLE ELEV: 128.8 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ⊗ PID reading	ELEVATION (m)	COMMENTS	SOILS DESCRIPTION
0								128.8		Inferred compact to loose fine to medium SAND with traces subrounded to subangular gravel (Probably Reworked Sand).
1	○			SP				128	Sidewall spalling below 0.5 m depth.	Inferred compact to loose fine SAND with traces to some subrounded gravel.
2								127	Percolation test adjacent to test pit at 1.2m depth.	
3	○			SP/GP				126		End of hole at required depth. No groundwater observed.
4								125		
5								124		
6								123		
7								122		
8								121		
9								120		
10								119		

LOG OF TEST PIT

TEST PIT NO.

TP15-06

LOCATION: See Dwg. 19-5849-1-1
N 576533,
E 5436973

TOP OF HOLE ELEV: 138.4 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB

CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

DATE: June 25, 2015

FILE NO.: 19-5849-1



DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Firm, brown SILT with traces of fine sand with frequent organics, wood debris and rootlets (Forest Root Mat).	138
1								Percolation test completed in test pit at 1.2 m depth.	Firm, brown SILT with traces sand.	137
2									Inferred compact to loose, brown to grey fine SAND.	136
3									End of hole at required depth. No groundwater observed.	135
4										134
5										133
6										132
7										131
8										130
9										129
10										

LOG OF TEST PIT

TEST PIT NO.
TP15-07

LOCATION: See Dwg. 19-5849-1-1
N 576537,
E 5436002

TOP OF HOLE ELEV: 129.8 m (est.)

METHOD: Case 580 Super N Backhoe

EXCAVATOR: Ponte Brothers Contracting Ltd

INSPECTOR: AGB



CLIENT: Creus Engineering Ltd.

PROJECT: Sleepy Hollow Road Subdivision,
Cultus Lake

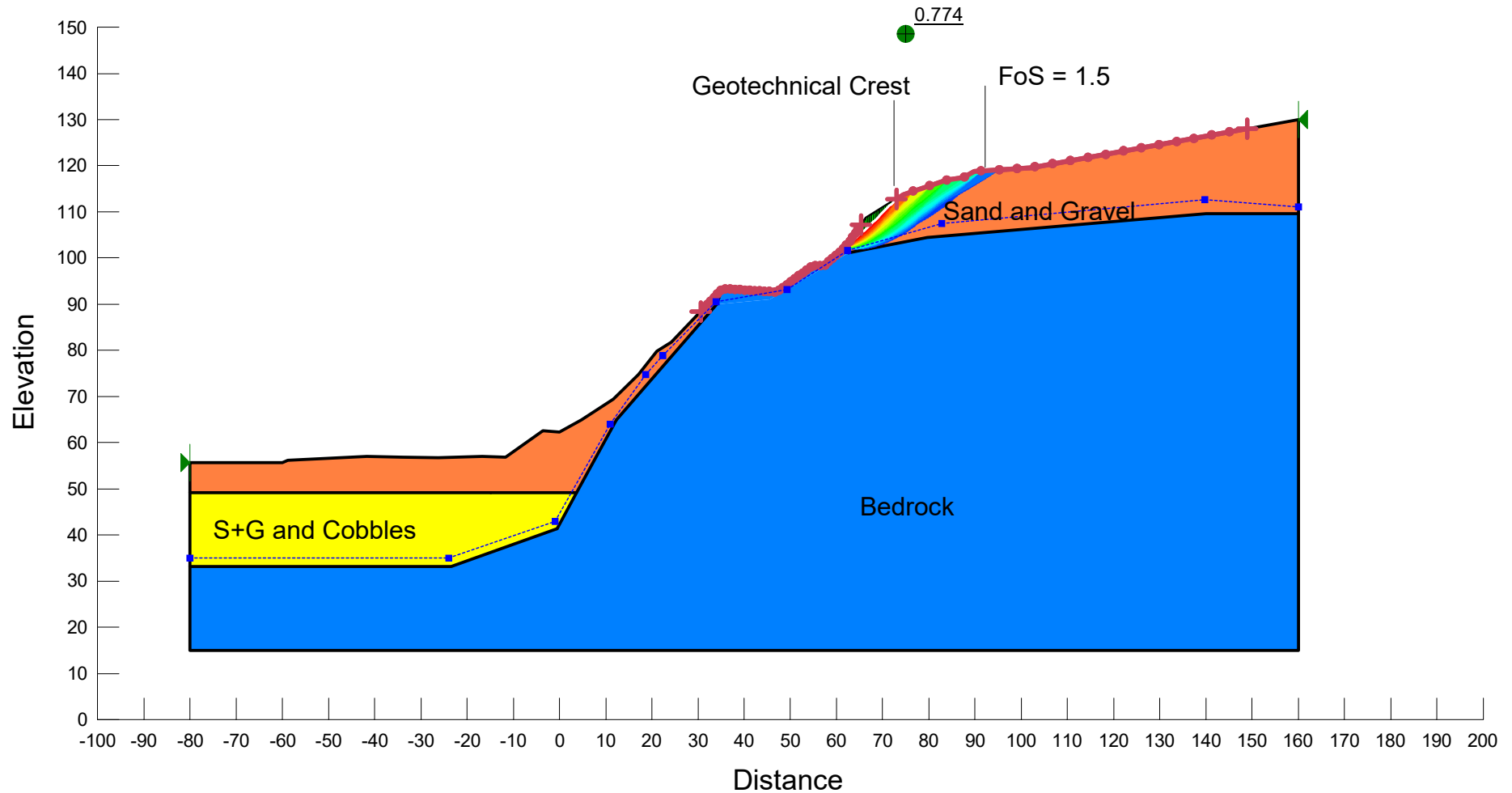
DATE: June 25, 2015

FILE NO.: 19-5849-1

DEPTH (m)	PENETRATION (blows/300 mm)	WATER CONTENT (%) ○ Disturbed ● Undisturbed	WATER LEVEL ▼ Plastic Limit Liquid Limit	SAMPLES ■ Disturbed ■ Undisturbed ☒ No Recovery	UNDRAINED SHEAR STRENGTH (kPa) ◆ Peak ◇ Residual ◆ Remolded	GRAIN SIZE (%) ▲ Passing #200 sieve △ Passing #4 sieve	SOIL HEADSPACE READING (ppm) ■ GASTECH reading ☒ PID reading	COMMENTS	SOILS DESCRIPTION	ELEVATION (m)
0									Firm, brown SILT with traces of fine sand with frequent organics, wood debris and rootlets (Forest Root Mat). Firm, brown SILT with traces sand.	129
1									Inferred loose to compact, brown to grey fine SAND.	128
2									End of hole at required depth. No groundwater observed.	127
3										126
4										125
5										124
6										123
7										122
8										121
9										120
10										

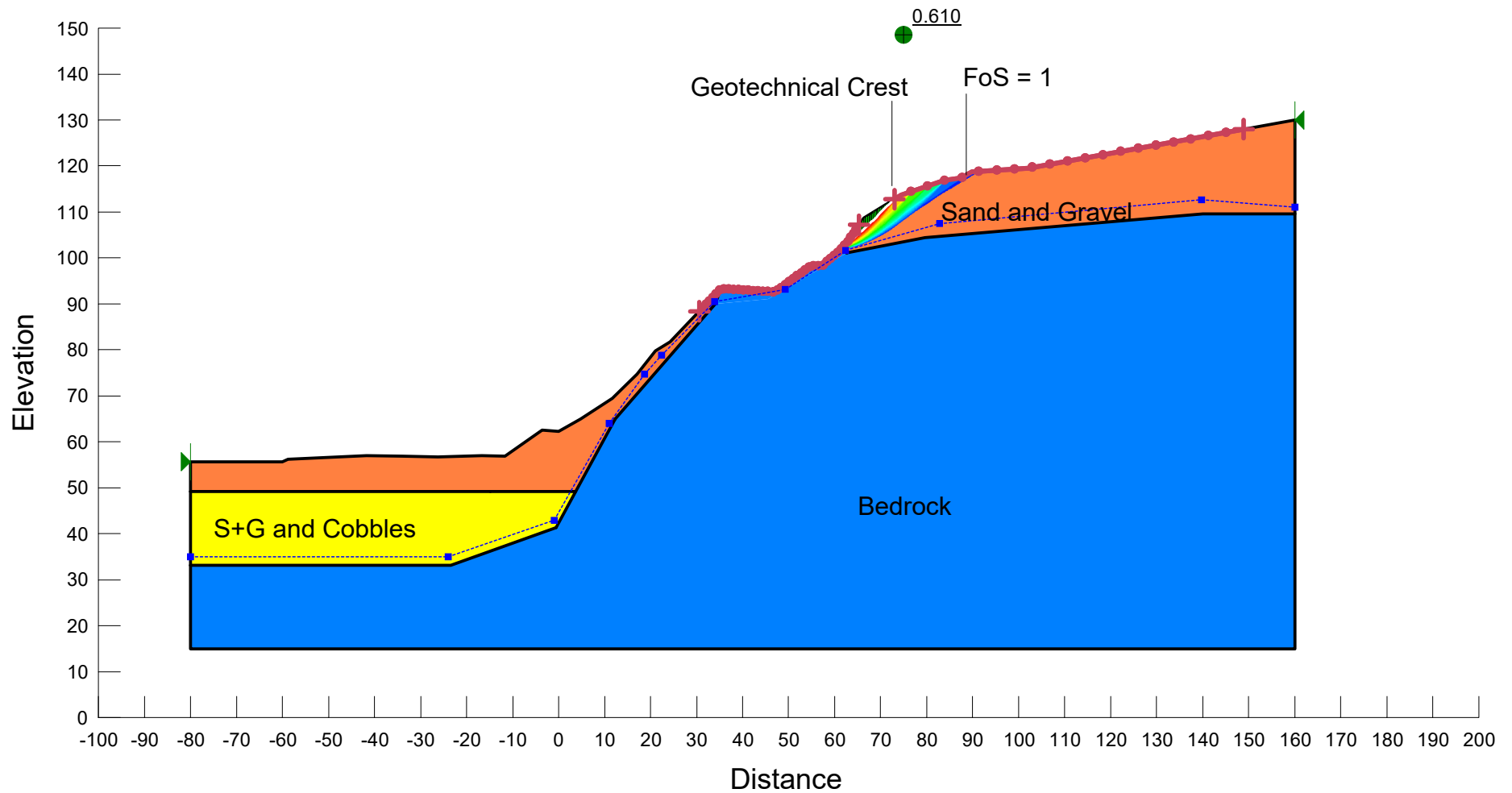
Slope Stability
Morgenstern-Price
11/1/2017
Section A-A

Name: Sand and Gravel Unit Weight: 19 kN/m³ Cohesion: 0 kPa Phi: 36 °
 Name: S+G and Cobbles Unit Weight: 20 kN/m³ Cohesion: 0 kPa Phi: 36 °
 Name: Bedrock Unit Weight: 24 kN/m³ Cohesion: 1e+006 kPa Phi: 1e+006 °



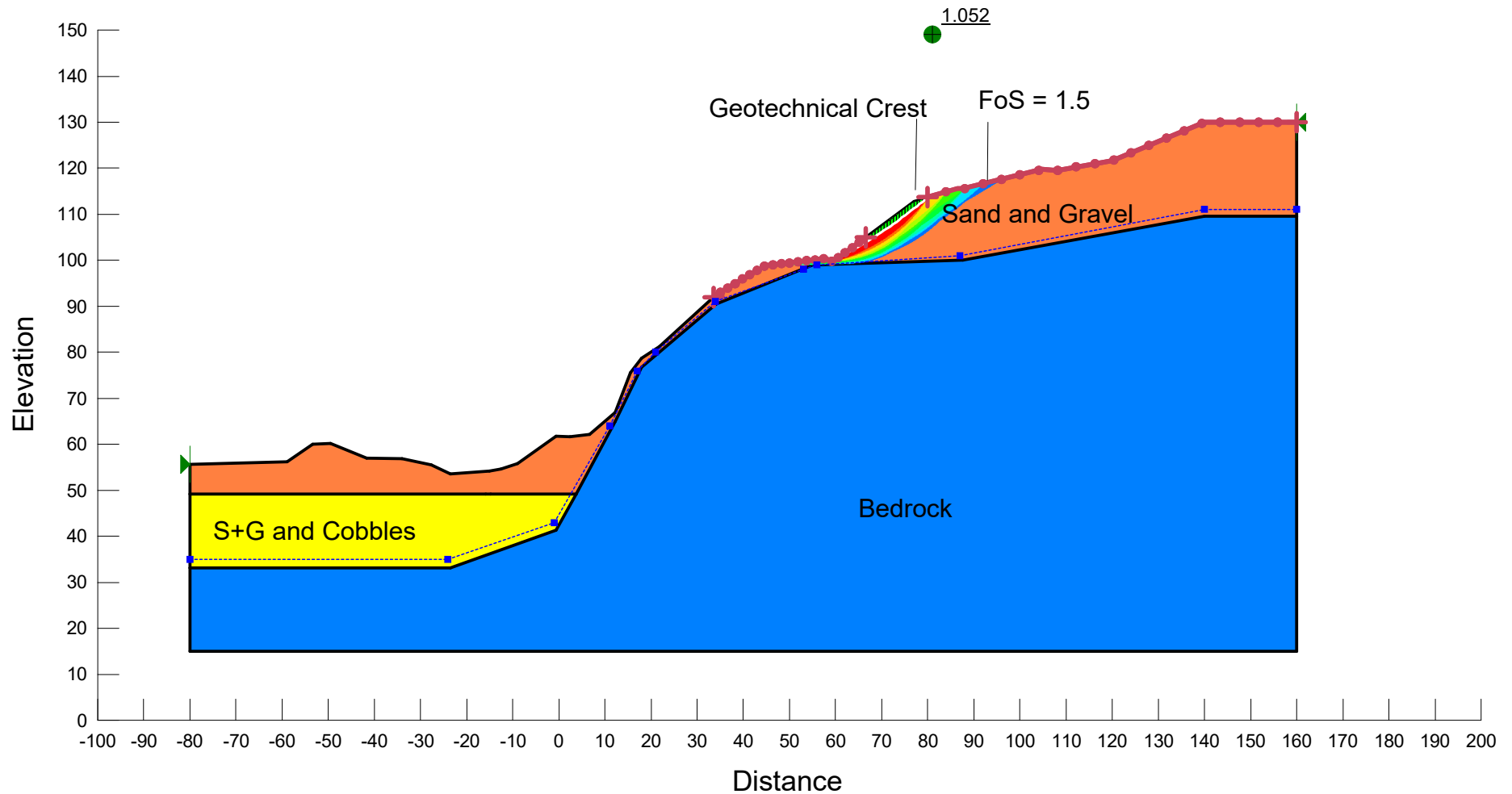
Slope Stability (Seismic - $k=0.12$)
Morgenstern-Price
11/1/2017
Section A-A

Name: Sand and Gravel Unit Weight: 19 kN/m^3 Cohesion: 0 kPa Φ : 36°
Name: S+G and Cobbles Unit Weight: 20 kN/m^3 Cohesion: 0 kPa Φ : 36°
Name: Bedrock Unit Weight: 24 kN/m^3 Cohesion: $1\text{e}+006 \text{ kPa}$ Φ : $1\text{e}+006^\circ$



Slope Stability
Morgenstern-Price
11/3/2017
Section B-B

Name: Sand and Gravel Unit Weight: 19 kN/m³ Cohesion: 0 kPa Phi: 36 °
Name: S+G and Cobbles Unit Weight: 20 kN/m³ Cohesion: 0 kPa Phi: 36 °
Name: Bedrock Unit Weight: 24 kN/m³ Cohesion: 1e+006 kPa Phi: 1e+006 °



Slope Stability (Seismic - $k=0.12$)

Morgenstern-Price

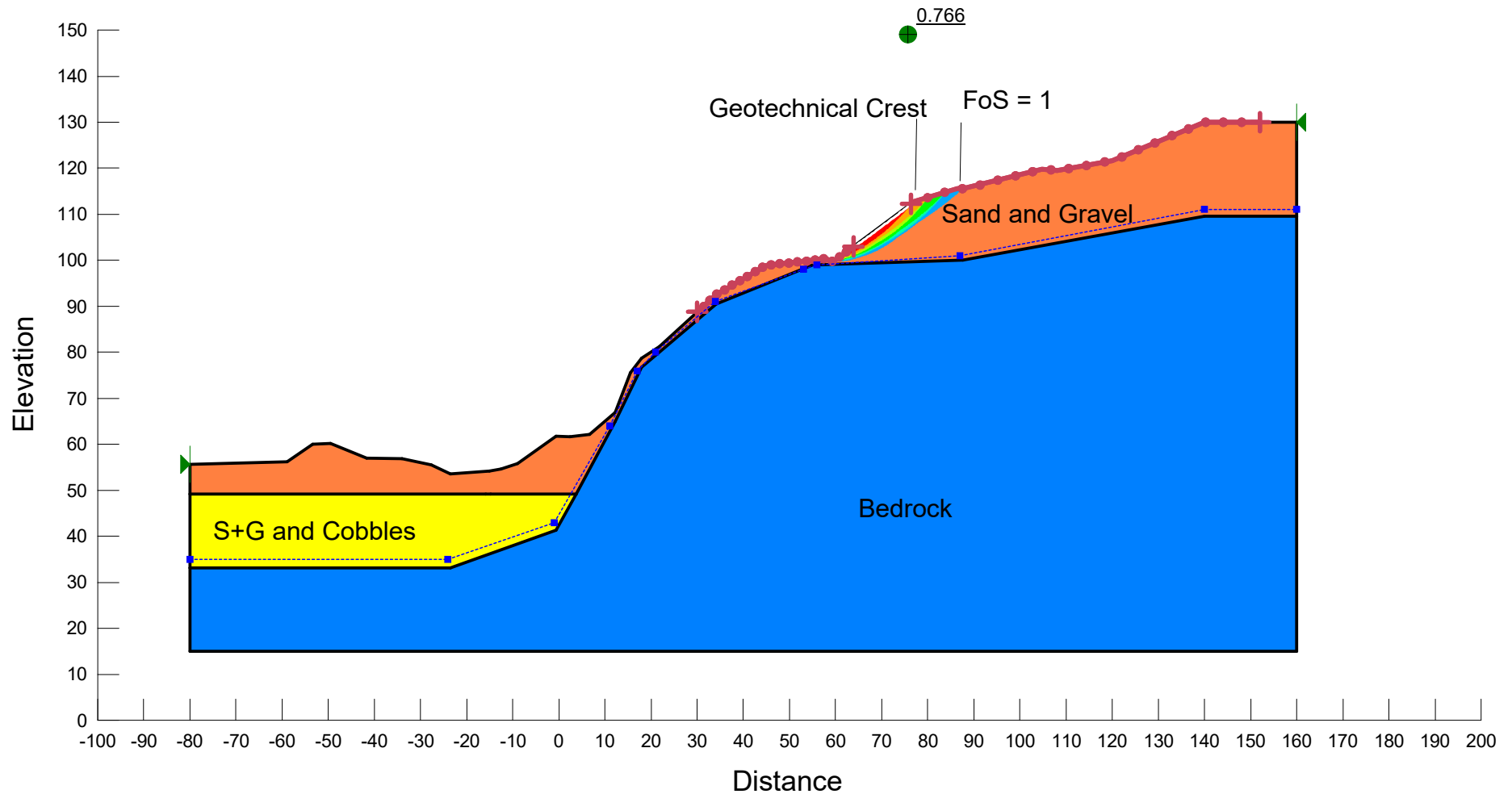
11/3/2017

Section B-B

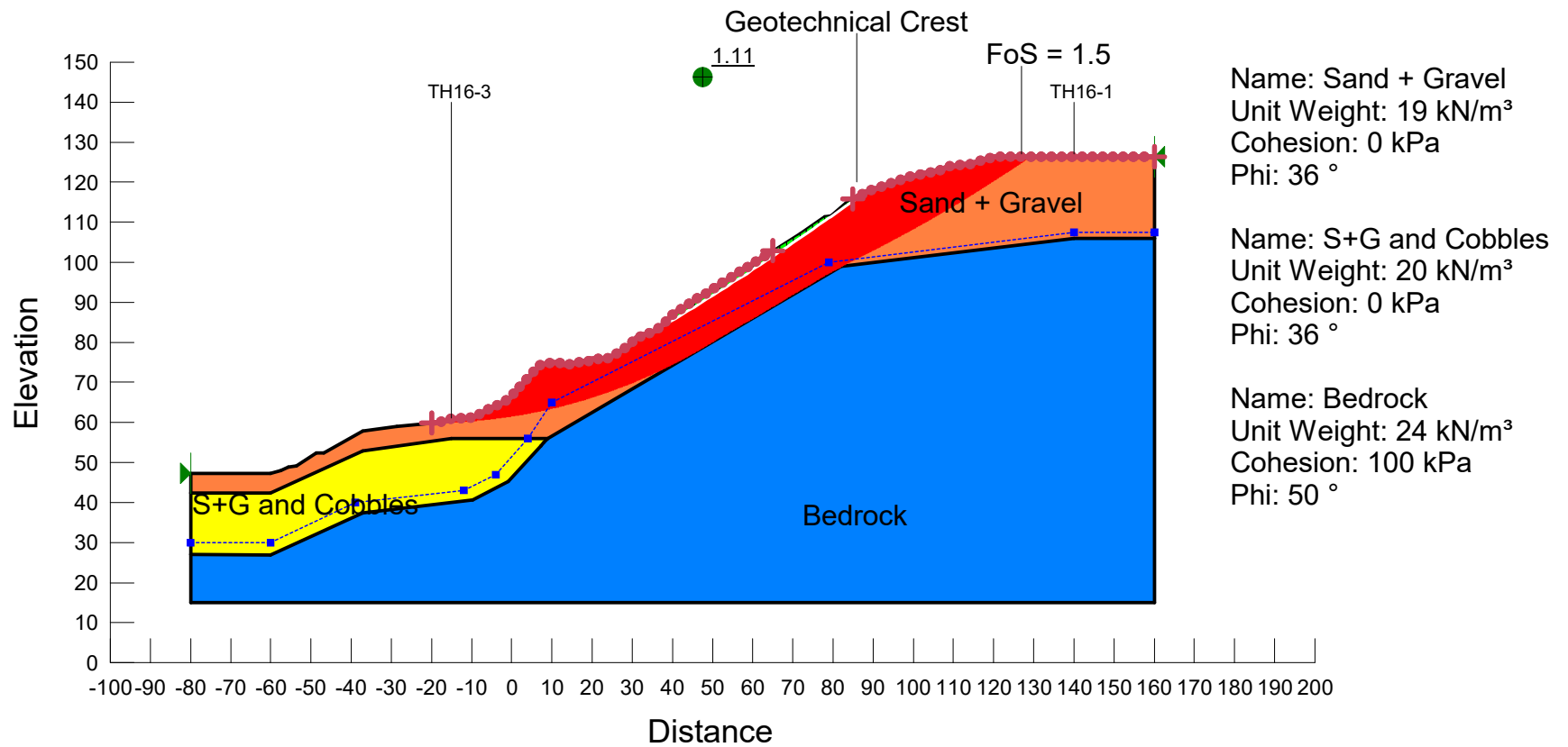
Name: Sand and Gravel Unit Weight: 19 kN/m^3 Cohesion: 0 kPa Phi: 36°

Name: S+G and Cobbles Unit Weight: 20 kN/m^3 Cohesion: 0 kPa Phi: 36°

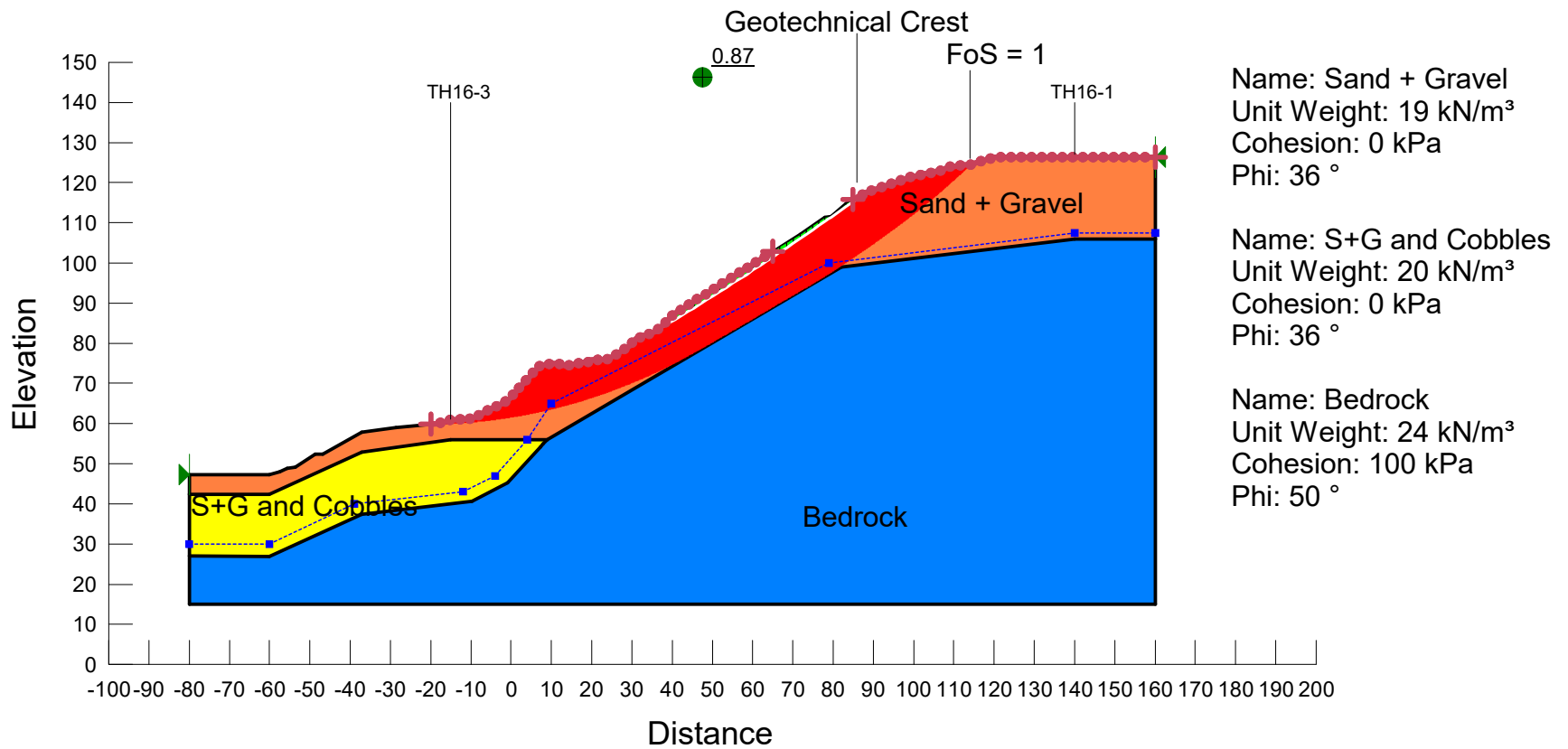
Name: Bedrock Unit Weight: 24 kN/m^3 Cohesion: $1\text{e}+006 \text{ kPa}$ Phi: $1\text{e}+006^\circ$



SLOPE/W Analysis
Morgenstern-Price
11/3/2017
Section C-C



SLOPE/W Analysis - seismic (k=0.12) higher water table
Morgenstern-Price
11/3/2017
Section C-C



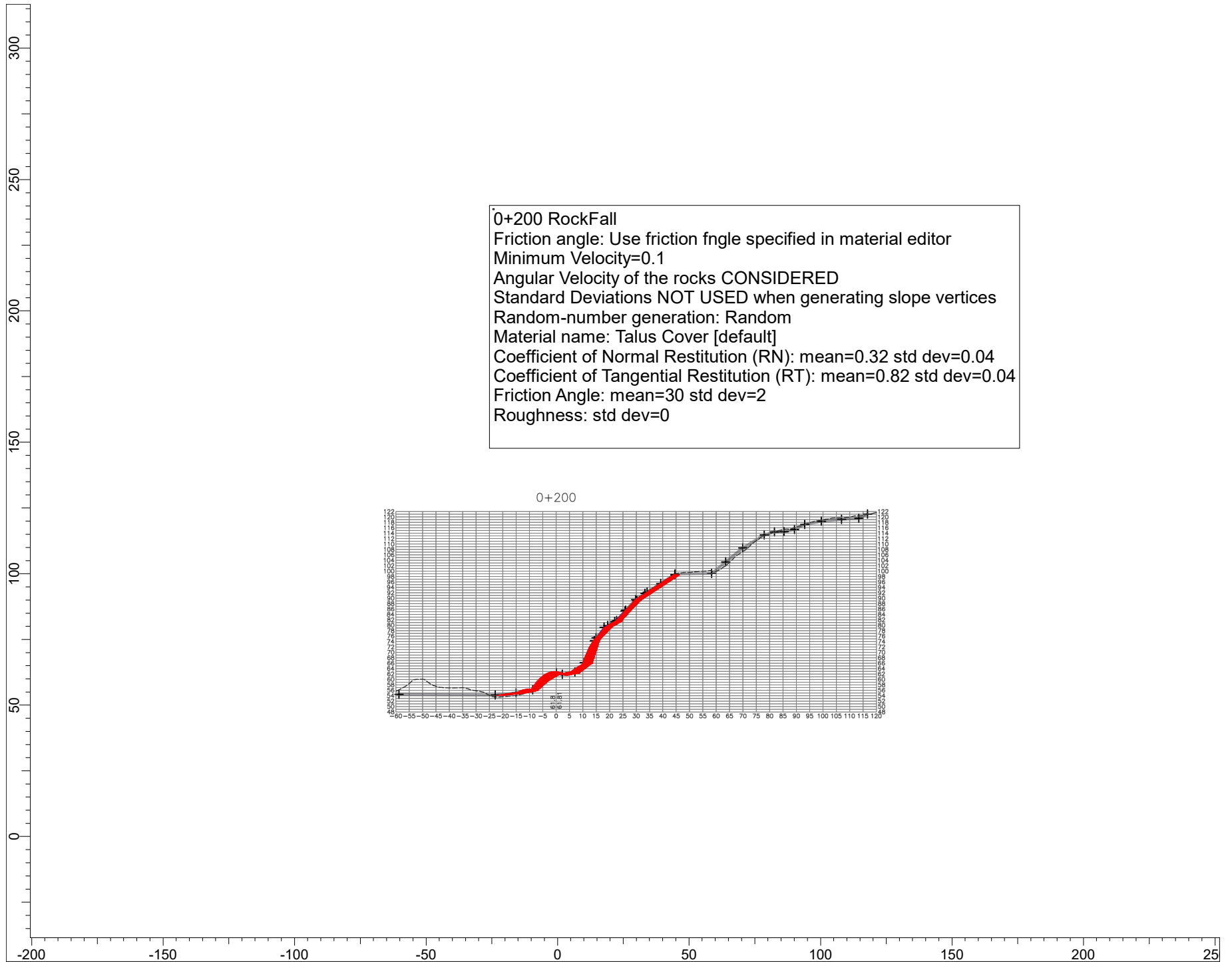
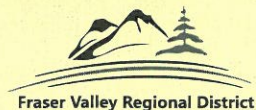




Figure 3. Extract from 1940 aerial photograph BC20740.



45950 Cheam Avenue
Chilliwack, BC V2P 1N6
604-702-5000 | 1-800-528-0061

For Office Use Only
Do not write in the space below

Fraser Valley Regional District

Receipt: 4450/5 Aug 31, 2017
Dated: Aug 31, 2017 03:56:56 PM
Station: EA SERVICE/CASH2

1 REZONING PERMIT 45900 SLEEPY 7,500.00
1 REZONING PERMIT 45900 SLEEPY 2,000.00

Total 9,500.00
CHEQUE BRAD GEARY -9,500.00

Receipt

Date Aug 31/17

Received from Cheque

Description of Payment and GL Code Geary

45900 Sleepy Hollow RD

Rezoning. \$ 2000.00

OCP \$ 7500.00

SCHEDULE A-1

Official Community Plan Amendment Application

I / We hereby apply to:



Purpose (in brief): **Re-zone from L-1 to RS-1**



Change the Land Use Designation of the 'subject property' in OCP Bylaw No. _____

From: _____ (current OCP designation)

To: _____ (proposed OCP designation)

An Application Fee in the amount of \$ **2000** as stipulated in FVRD Application Fees Bylaw No. 1231, 2013 must be paid upon submission of this application.

Civic
Address

45900 Sleepy Hollow Rd PID **008-374-694**

Legal
Description

Lot **30** Block _____ Section **30** Township **25** Range _____ Plan **LD 36**

The property described above is the subject of this application and is referred to herein as the 'subject property.' This application is made with my full knowledge and consent. I declare that the information submitted in support of the application is true and correct in all respects.

Owner's
Declaration

Name of Owner (print) Joel McLean	Signature of Owner	Date
Name of Owner (print)	Signature of Owner	Date

Owner's
Contact
Information

Address 508-333 Seymour St		City Vancouver
Email		Postal Code V6B 5A6
Phone	Cell	Fax

Office Use Only	Date 31 AUGUST 2017	File No. 6480-30-62
	Received By DB	Folio No. 733.03807.000
	Receipt No. 4450/5	Fees Paid: \$ 2,000.00

Agent

I hereby give permission for **Brad Geary** to act as my/our agent in all matters relating to this application.

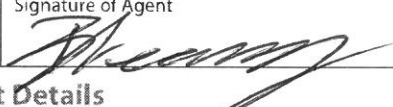
Only complete this section if the applicant is NOT the owner.

Signature of Owner	Date
Signature of Owner	Date

Agent's contact information and declaration

Name of Agent Brad Geary		Company
Address 1649 Columbia Valley Road		City Lindell Beach
Email		Postal Code V2R 4X2
Phone	Cell	Fax

I declare that the information submitted in support of this application is true and correct in all respects.

Signature of Agent 	Date Aug 31, 2017
---	-----------------------------

Development Details

Property Size **8.8 hectares** (m² or ha)

Existing Use **Un-developed**

Proposed Development / Text Amendment **Single family residential homes on .55 acre lots**

Justification and Support **This property borders numerous properties with similar zoning to what we are seeking.**

The geotechnical report supports residential use in both of the current mixed zones.

(use separate sheet if necessary)

Anticipated Start Date: **April 1, 2018**

Services

Services	Currently Existing		Readily Available *	
	Yes	No	Yes	No
Road Access	yes		Yes	
Water Supply			Yes	
Sewage Disposal				No
Hydro	yes		Yes	
Telephone	yes		Yes	
School Bus Service	yes			

* 'Readily Available' means existing services can be easily extended to the subject property.

**Proposed
Water Supply**

FVRD Community Water

**Proposed
Sewage Disposal**

Standard Septic systems on .55 acre lots

Provincial Requirements

(This is not an exhaustive list; other provincial regulations will apply)

Riparian Areas Regulation

Please indicate whether the development proposal involves residential, commercial, or including vegetation removal or alteration; soil disturbance; construction of buildings and structures; creation of impervious or semi-pervious surfaces; trails, roads, docks, wharves, bridges and, infrastructure and works of any kind – within:

yes

☐

no

☒

30 metres of the high water mark of any water body

yes

☐

no

☒

a ravine or within 30 metres of the top of a ravine bank

"Water body" includes; 1) a watercourse, whether it usually contains water or not; 2) a pond, lake, river, creek, or brook; 3) a ditch, spring, or wetland that is connected by surface flow to 1 or 2 above.

Under the *Riparian Areas Regulation* and the *Fish Protection Act*, a riparian area assessment report may be required before this application can be approved.

Pursuant to the *Environmental Management Act*, an applicant is required to submit a completed "Site Profile" for properties that are or were used for purposes indicated Schedule 2 of the *Contaminated Sites Regulations*. Please indicate if:

yes

☐

no

☒

the property has been used for commercial or industrial purposes.

If you responded 'yes,' you may be required to submit a Site Profile. Please contact the FVRD Planning Department or the Ministry of Environment for further information.

Contaminated Sites Profile

Archaeological Resources

Are there archaeological sites or resources on the subject property?

yes

☐

no

☒

I don't know

☐

If you responded 'yes' or 'I don't know' you may be advised to contact the Archaeology Branch of the Ministry of Tourism, Sport and the Arts for further information.

Required Information

When providing Application Forms to the applicant, Regional District staff shall indicate which of the following attachments are required for this application. **Additional information may also be required at a later date.**

	Required	Received	Details
Location Map			Showing the parcel (s) to which this application pertains and uses on adjacent parcels
Site Plan At a scale of: 1: _____			Reduced sets of metric plans
			North arrow and scale
			Dimensions of property lines, rights-of-ways, easements
			Location and dimensions of existing buildings & setbacks to lot lines, rights-of-ways, easements
			Location and dimensions of proposed buildings & setbacks to lot lines, rights-of-ways, easements
			Location of all water features, including streams, wetlands, ponds, ditches, lakes on or adjacent to the property
			Location of all existing & proposed water lines, wells, septic fields, sanitary sewer & storm drain, including sizes
			Location, numbering & dimensions of all vehicle and bicycle parking, disabled persons' parking, vehicle stops & loading
			Natural & finished grades of site, at buildings & retaining walls
			Location of existing & proposed access, pathways
			Above ground services, equipment and exterior lighting details
			Location & dimensions of free-standing signs
			Storm water management infrastructure and impermeable surfaces
			Other:
Floor Plans			Uses of spaces & building dimensions
			Other:
Landscape Plan Same scale as site plan			Location, quantity, size & species of existing & proposed plants, trees & turf
			Contour information (_____ metre contour intervals)
			Major topographical features (water course, rocks, etc.)
			All screening, paving, retaining walls & other details
			Traffic circulation (pedestrian, automobile, etc.)
			Other:
Reports			Geotechnical Report
			Environmental Assessment
			Archaeological Assessment
			Other:

The personal information on this form is being collected in accordance with Section 27 of the *Freedom of Information and Protection of Privacy Act*, RSBC 1996 Ch. 165 and the *Local Government Act*, RSBC 2015 Ch. 1. It will only be collected, used and disclosed for the purpose of administering matters with respect to planning, land use management and related services delivered, or proposed to be delivered, by the FVRD. Questions about the use of personal information and the protection of privacy may be directed to the FVRD Privacy Officer at 45950 Cheam Avenue, Chilliwack, BC V2P 1N6, Tel: 1-800-528-0061 FOI@fvrld.ca.

STRATEGIC FOCUS & PRIORITIES CHECKLIST

Applicant: Brad Geary

Project: Sleepy Hollow Development

Date: August 31, 2017

This checklist is intended to assist in the Regional Board in considering your application in relation to the Board's Strategic objectives. Please note that there are many factors that are considered when considering applications and this checklist is for information purposes only.

Foster a Strong & Diverse Economy		
	Y/N/NA	Supporting Evidence (attach info if needed)
1.1 Does the development add lasting jobs to the local community?	Y	
1.2 Does the development contribute to diversifying the local economy?	Y	
1.3 Does the development strengthen tourism or outdoor recreation ?	Y	
1.4 Does the development enable home-based work?	Y	
1.5 Is the development supported by high-speed internet and cellular service?	Y	

Provide Responsive & Effective Public Services		
	Y/N/NA	Supporting Evidence (attach info if needed)
2.1 Does the development utilize green alternatives for site services?	Y	
2.2 Does lifecycle cost analysis demonstrate the long-term efficiency of development infrastructure?	NA	
2.3 Does the development contribute to source water protection?	NA	
2.4 Do development services address the needs of local residents?	Yes	
2.5 Does the design of the site incorporate Crime Prevention Through Environmental Design "CPTED" principles?	Yes	

You can view the Strategic Plan at www.fvrd.ca

Support Environmental Stewardship

	Y/N/NA	Supporting Evidence (attach info if needed)
3.1 Does the development support transit, walking, and/or cycling?	Yes	
3.2 Are buildings, facilities or landscaping designed to reduce energy consumption, emissions or water use?	Yes	
3.3 Does the Development contain facilities for recycling and organic waste facilities or programs?	Yes	
3.4 Are environmental features and functions (i.e. trees, streams, habitat) of the site maintained?	Yes	
3.5 Is the development seeking green building certification (i.e. Built Green, Energy Star, Passive House, LEED,)?	Yes	

Support Healthy & Sustainable Communities

	Y/N/NA	Supporting Evidence (attach info if needed)
4.1 Does the development address an identified community or demographic need?	Yes	
4.2 Does the development include "age-friendly" or accessibility components that support 'aging-in-place" or universal access?	Yes	
4.3 Was the local community engaged in the conceptual design of the development?	Yes	
4.4 Does the development increase the range of housing types or sizes available in the community?	Yes	
4.5 Is the development affordable to residents of the local community?	Yes	
4.6 Does the development address a gap in achieving a compact, complete and sustainable community?	Yes	



PLANNING &
DEVELOPMENT

www.fvrd.bc.ca | planning@fvrd.bc.ca

SCHEDULE A-2

Zoning Amendment Application

I / We hereby apply to:

- ☐ Amend the text of Zoning Bylaw No. _____
Purpose (in brief): _____
- ☒ Change the Zoning of the 'subject property' in Zoning Bylaw No. _____

From: L-1 (current zone)

To: RS-1 (proposed zone)

An Application Fee in the amount of \$ _____ as stipulated in FVRD Application Fees Bylaw No. 1231, 2013 must be paid upon submission of this application.

Civic
Address

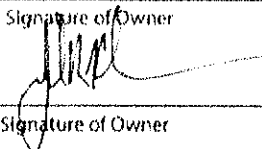
45900 Sleepy Hollow Road PID 008-374-694

Legal
Description

Lot 30 Block NWP 37174 Section 30 Township 25 Range _____ Plan L1 36

The property described above is the subject of this application and is referred to herein as the 'subject property.' This application is made with my full knowledge and consent. I declare that the information submitted in support of the application is true and correct in all respects.

Owner's
Declaration

Name of Owner (print) <u>CBC Valley Development</u> <u>Properties Limited Partnership</u>	Signature of Owner 	Date <u>Aug 25/2017</u>
Name of Owner (print)	Signature of Owner	Date

Owner's
Contact
Information

Address <u>508-333 Seymour St,</u>		City <u>Vancouver</u>
Email		Postal Code <u>V6B 5A6</u>
Phone	Cell	Fax

Office Use Only	Date	File No.
	Received By	Folio No.
	Receipt No.	Fees Paid: \$

Agent

I hereby give permission for Brad Geary to act as my/our agent in all matters relating to this application.

Only complete this section if the applicant is NOT the owner.

Signature of Owner	Date
Signature of Owner	Date

Agent's contact information and declaration

Name of Agent <u>Brad Geary</u>		Company
Address <u>1649 Columbia Valley Road</u>		City <u>Lindell Beach</u>
Email		Postal Code <u>V2R 4X2</u>
Phone	Cell	Fax

I declare that the information submitted in support of this application is true and correct in all respects.

Signature of Agent <u>Brad Geary</u>	Date
---	------

Development Details

Property Size 8.8 hectares (m² or ha)

Existing Use Vacant - Mixed RS-1 and L-1 Zoning

Proposed Development / Text Amendment _____

Justification and Support This property is currently not developable beyond three .55 acre residential lots. The limited zoned portion needs to be re-zoned to RS-1 to allow full development in the current RS-1 section. This will also permit residential development in the mainly upper portion of the current L-1 section.

(use separate sheet if necessary)

Anticipated Start Date: Upon Rezoning Approval - March 2018

Services

Services	Currently Existing		Readily Available *	
	Yes	No	Yes	No
Road Access	✓		✓	
Water Supply			✓	
Sewage Disposal		✓		✓
Hydro	✓		✓	
Telephone	✓		✓	
School Bus Service	✓			

* 'Readily Available' means existing services can be easily extended to the subject property.

Proposed Water Supply FVRD Community water

Proposed Sewage Disposal standard septic systems on .55 acre lots

Provincial Requirements (This is not an exhaustive list; other provincial regulations will apply)

Riparian Areas Regulation

Please indicate whether the development proposal involves residential, commercial, or including vegetation removal or alteration; soil disturbance; construction of buildings and structures; creation of impervious or semi-pervious surfaces; trails, roads, docks, wharves, bridges and, infrastructure and works of any kind – within:

yes ☐ no ☒ 30 metres of the high water mark of any water body

yes ☐ no ☒ a ravine or within 30 metres of the top of a ravine bank

"Water body" includes; 1) a watercourse, whether it usually contains water or not; 2) a pond, lake, river, creek, or brook; 3) a ditch, spring, or wetland that is connected by surface flow to 1 or 2 above.

Under the *Riparian Areas Regulation* and the *Fish Protection Act*, a riparian area assessment report may be required before this application can be approved.

Contaminated Sites Profile

Pursuant to the *Environmental Management Act*, an applicant is required to submit a completed "Site Profile" for properties that are or were used for purposes indicated Schedule 2 of the *Contaminated Sites Regulations*. Please indicate if:

yes ☐ no ☒ the property has been used for commercial or industrial purposes.

If you responded 'yes,' you may be required to submit a Site Profile. Please contact the FVRD Planning Department or the Ministry of Environment for further information.

Archaeological Resources

Are there archaeological sites or resources on the subject property?

yes ☐ no ☒ I don't know ☐

If you responded 'yes' or 'I don't know' you may be advised to contact the Archaeology Branch of the Ministry of Tourism, Sport and the Arts for further information.

Required Information

When providing Application Forms to the applicant, Regional District staff shall indicate which of the following attachments are required for this application. **Additional information may also be required at a later date.**

	Required	Received	Details
Location Map			Showing the parcel (s) to which this application pertains and uses on adjacent parcels
Site Plan			Reduced sets of metric plans
			North arrow and scale
			Dimensions of property lines, rights-of-ways, easements
At a scale of:			Location and dimensions of existing buildings & setbacks to lot lines, rights-of-ways, easements
			Location and dimensions of proposed buildings & setbacks to lot lines, rights-of-ways, easements
1: _____			Location of all water features, including streams, wetlands, ponds, ditches, lakes on or adjacent to the property
			Location of all existing & proposed water lines, wells, septic fields, sanitary sewer & storm drain, including sizes
			Location, numbering & dimensions of all vehicle and bicycle parking, disabled persons' parking, vehicle stops & loading
			Natural & finished grades of site, at buildings & retaining walls
			Location of existing & proposed access, pathways
			Above ground services, equipment and exterior lighting details
			Location & dimensions of free-standing signs
			Storm water management infrastructure and impermeable surfaces
			Other:
Floor Plans			Uses of spaces & building dimensions
			Other:
Landscape Plan			Location, quantity, size & species of existing & proposed plants, trees & turf
			Contour information (_____ metre contour intervals)
Same scale as site plan			Major topographical features (water course, rocks, etc.)
			All screening, paving, retaining walls & other details
			Traffic circulation (pedestrian, automobile, etc.)
			Other:
Reports			Geotechnical Report
			Environmental Assessment
			Archaeological Assessment
			Other:

The personal information on this form is being collected in accordance with Section 27 of the *Freedom of Information and Protection of Privacy Act, RSBC 1996 Ch. 165* and the *Local Government Act, RSBC 2015 Ch. 1*. It will only be collected, used and disclosed for the purpose of administering matters with respect to planning, land use management and related services delivered, or proposed to be delivered, by the FVRD. Questions about the use of personal information and the protection of privacy may be directed to the FVRD Privacy Officer at 45950 Cheam Avenue, Chilliwack, BC V2P 1N6, Tel: 1-800-528-0061 FOI@fvr.ca.



Planning & Development Services

LETTER OF AUTHORIZATION

Registered Authority

Please be advised that I/we, Joel McLean

(Print names of ALL Registered Owners or Corporate Director)

Representing, C&C Valley Development Properties Limited Partnership

(Corporate name - if applicable)

am/are the registered owner(s);

Site Civic Address:

45900 Sleepy Hollow Road

Lot# 30 Block _____ Plan _____ PID# C08-374-694
NWP 37174 Section 30 Township 25 T1D 36

Appointed Authorized Agent

Name of Authorized Agent

Brad Leary

Company Name

Mailing Address

1649 Columbia Valley Road

City: Kindred Beach Postal Code: V2R 4X2

Email:

Phone:

Fax:

Signature of Authorized Agent

[Signature]

Permission to act:

As my/our Authorized Agent in the matter of the following:

☐

to view and obtain copies of all plans and permits

☐

to apply for and obtain building permits for proposed construction to the above reference Civic Address

☐

to apply for Planning File: Development Permit ☐ Development Variance Permit ☐ Subdivision ☐

☒

other: zoning amendment, this authorization expires on April 18, 2018

Authorized Signature (Registered Owner or Corporate Director)

This document shall serve to notify the Fraser Valley Regional District that I am/we are the legal owner(s) of the property described above and do authorize the person indicated above ("Authorized Agent") to act on my/our behalf on all matters indicated above ("Permission to act") for the above referenced property. In addition, I/we have read and understand the above application and authorize the Authorized Agent to sign the above on my/our behalf.

Sign

Sign

Date: Aug 24, 2017

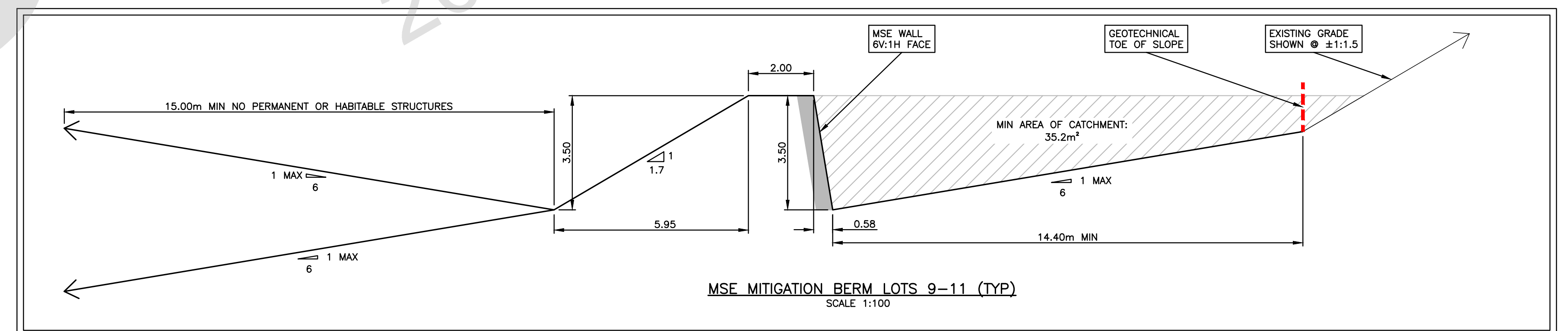
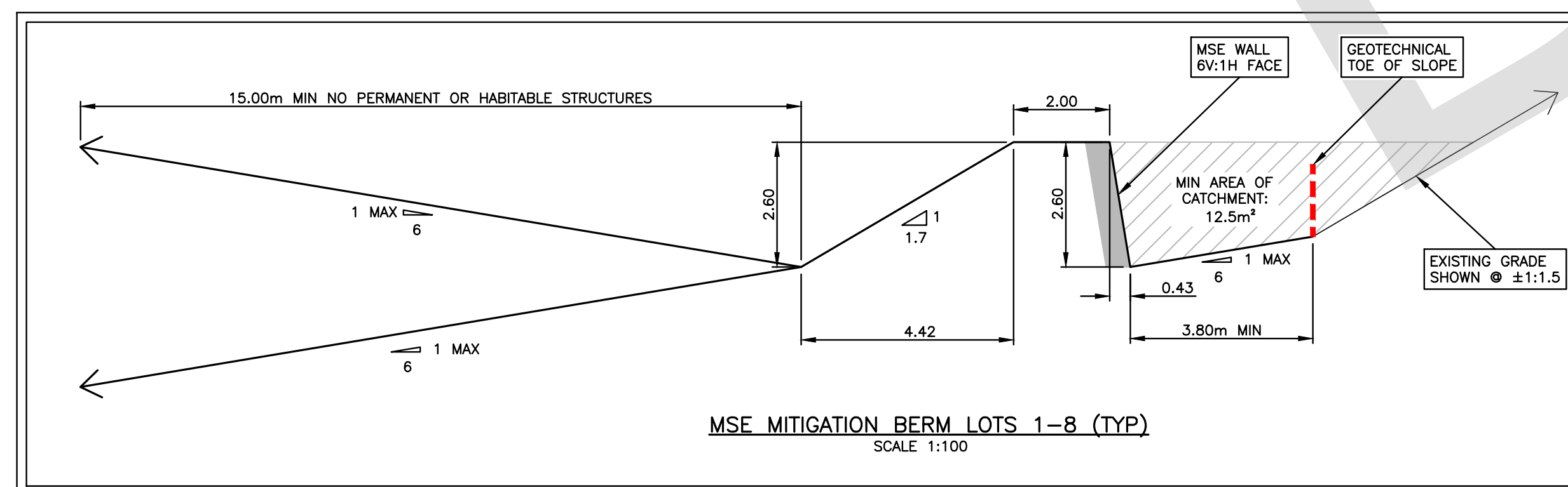
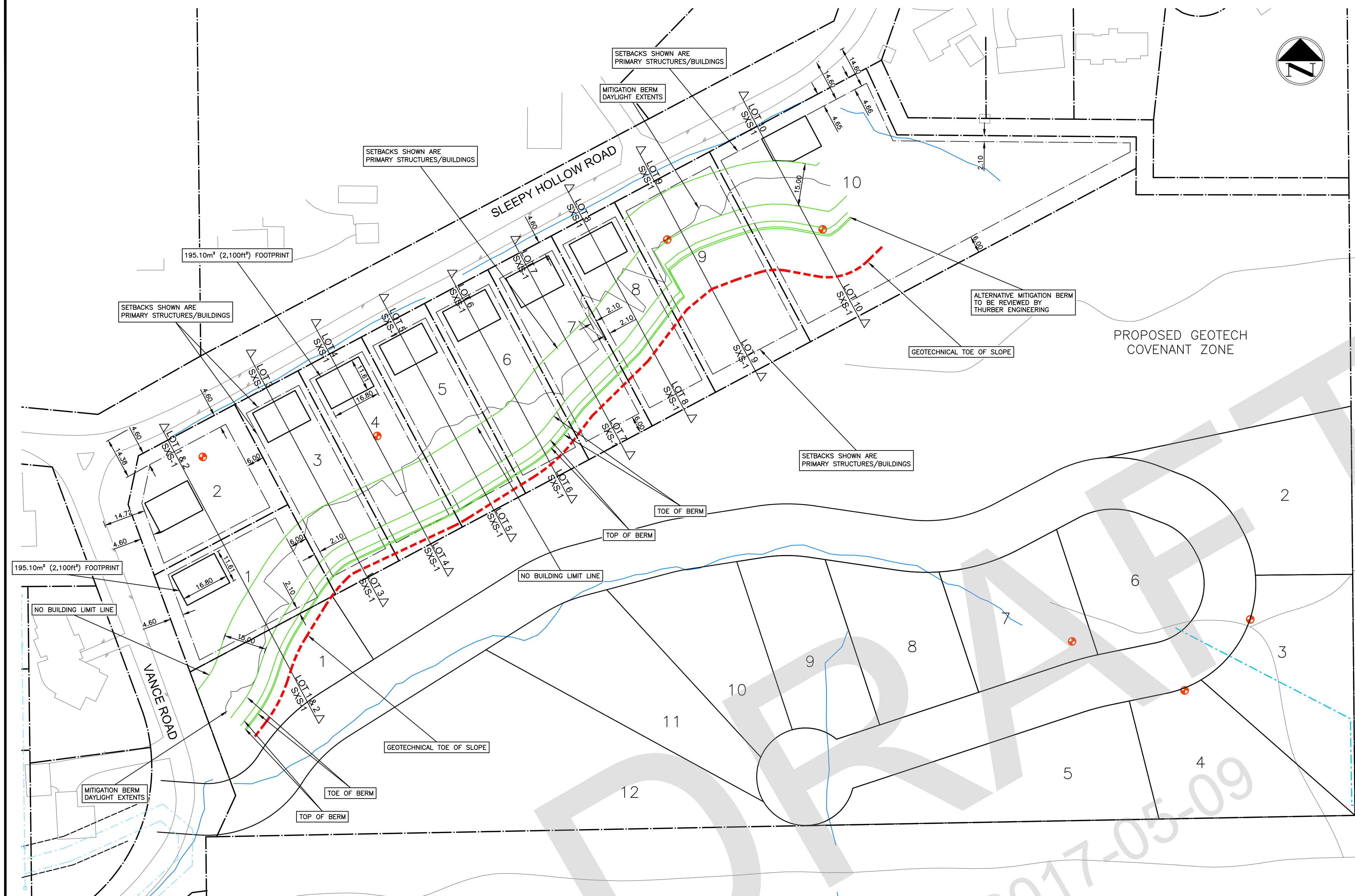
Print

Print

Date: _____

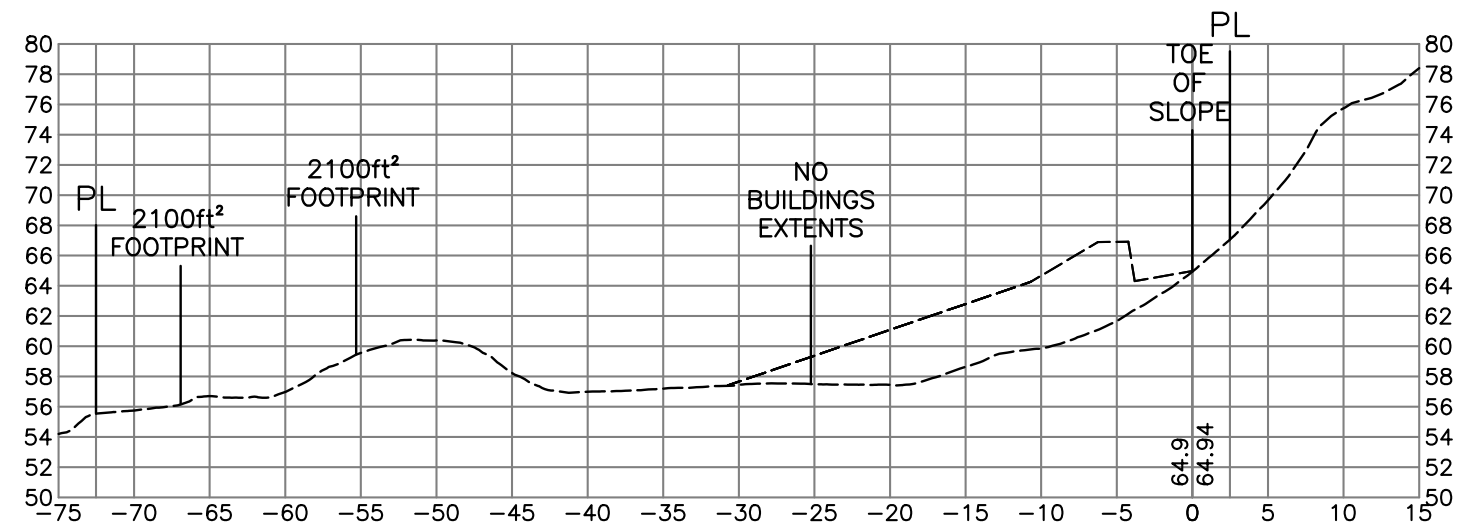
CONTRACTOR TO VERIFY & LOCATE
EXISTING MAINS & SERVICE
CONNECTIONS & NOTIFY THE
ENGINEER OF ANY DISCREPANCIES
PRIOR TO BEGINNING CONSTRUCTION

ITEM	REQUIREMENT
MINIMUM SETBACK	
HIGHWAY	
RIGHT OF WAY BOUNDARY OR RD ALLOWANCE	4.6m (15ft)
CENTER LINE OF ROAD ALLOWANCE	14.6m (48ft)
(WHICH EVER IS GREATER)	
SIDE	
PRINCIPAL STRUCTURE OR BUILDING	2.1m (7ft)
ACCESSORY STRUCTURE OR BUILDING	1.0m (3.2ft)
REAR	
PRINCIPAL STRUCTURE OR BUILDING	6.0m (20ft)
ACCESSORY STRUCTURE OR BUILDING	1.5m (5ft)
FLANKING	
RIGHT OF WAY BOUNDARY OR RD ALLOWANCE	4.6m (15ft)
CENTER LINE OF ROAD ALLOWANCE	13.1m (43ft)
(WHICH EVER IS GREATER)	

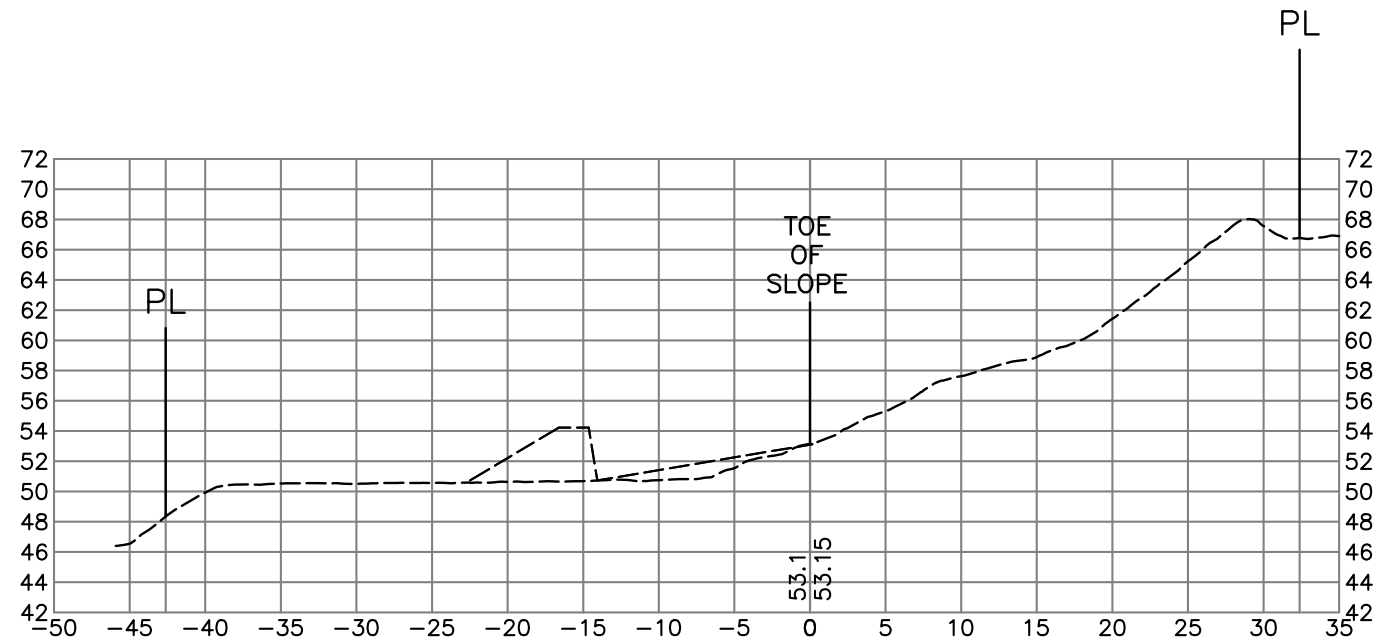


PRELIMINARY - NOT FOR CONSTRUCTION

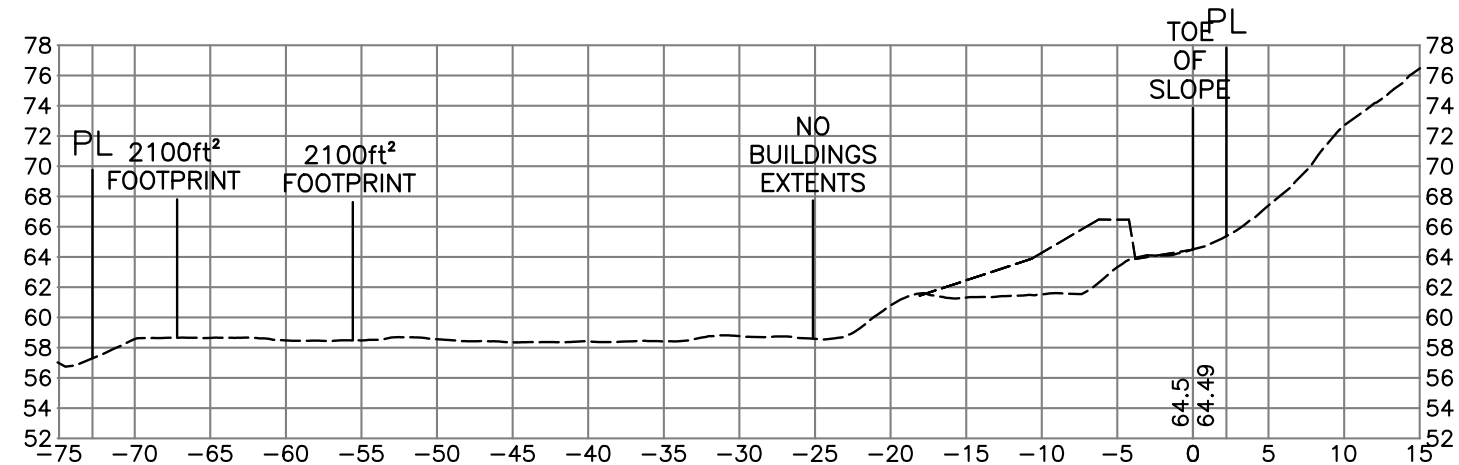
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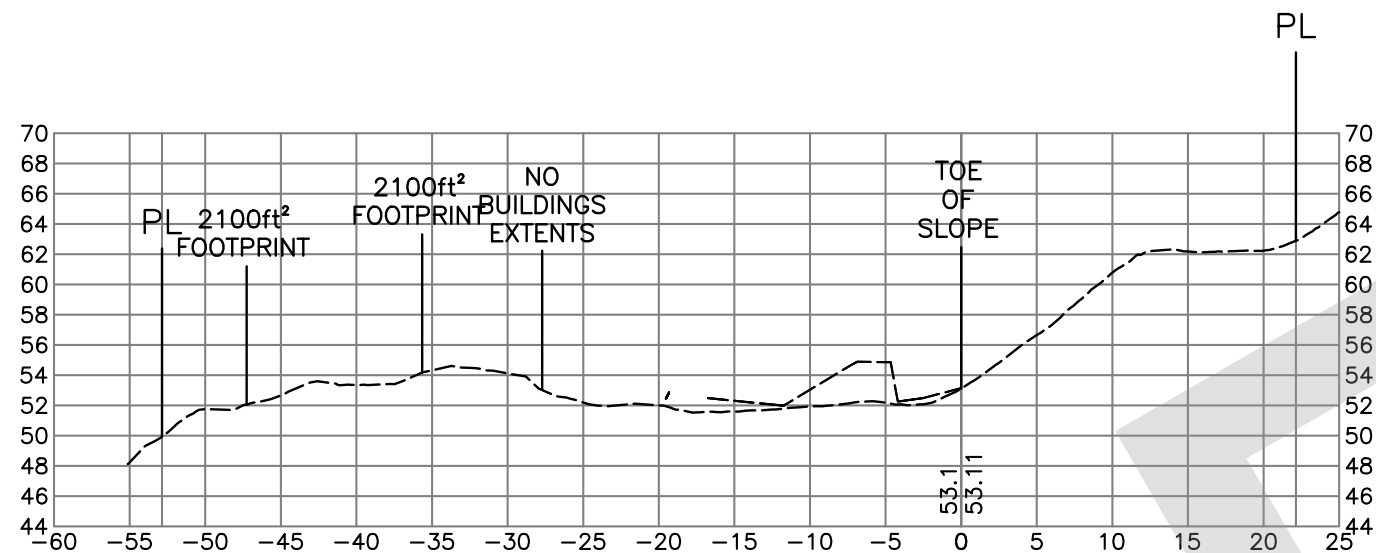
LOTS 5
SCALE 1:500



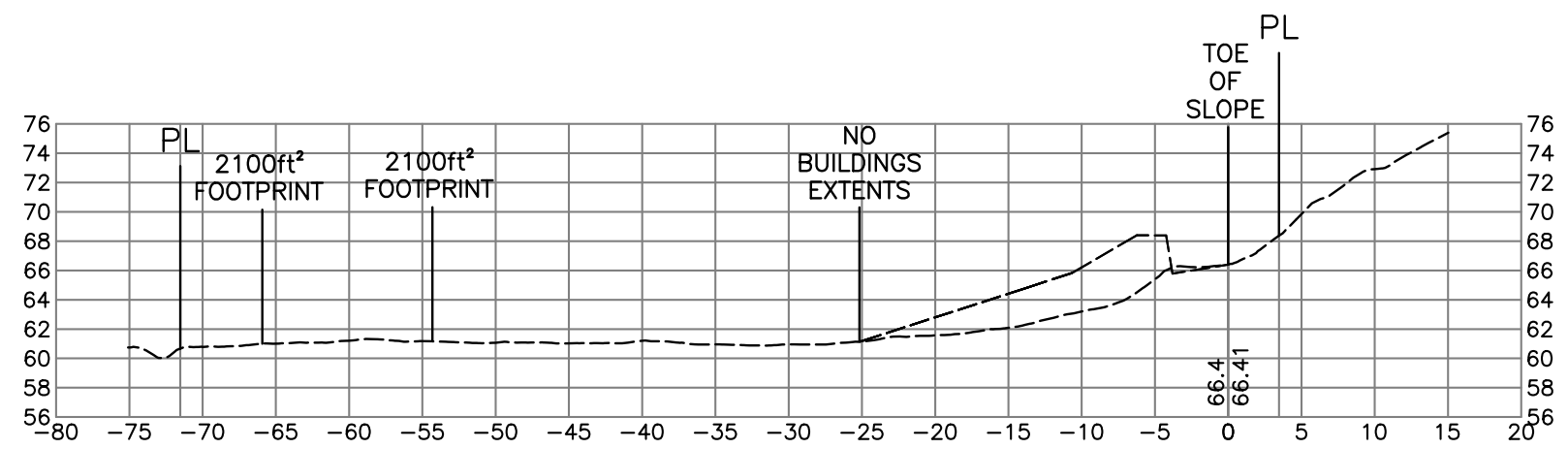
LOTS 9
SCALE 1:500



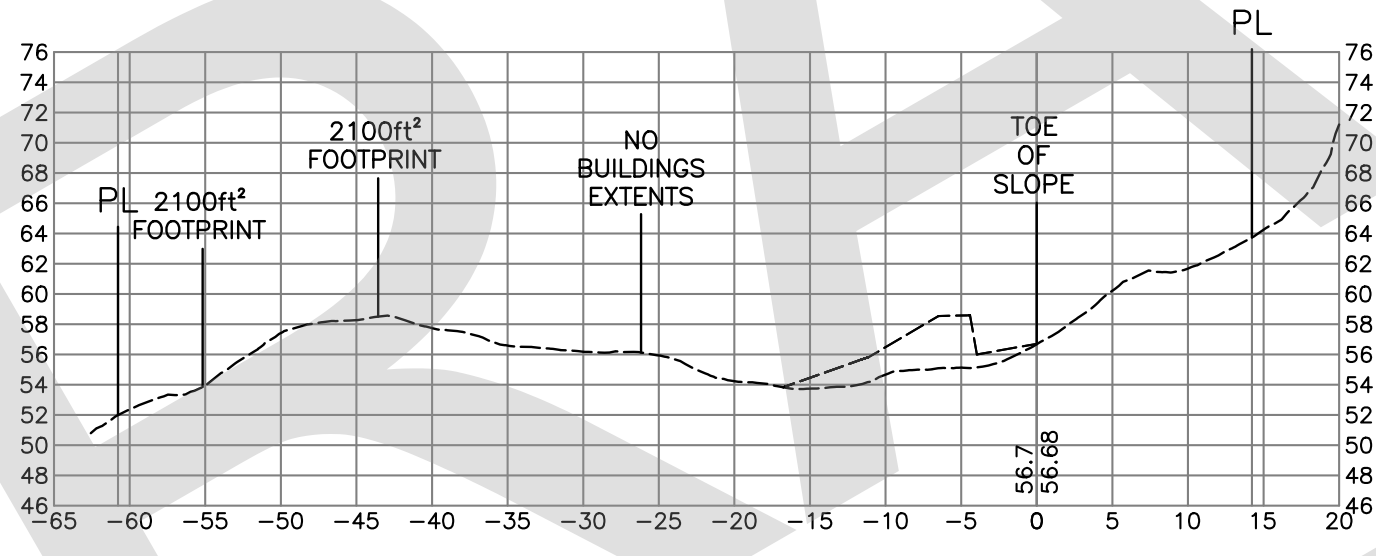
LOT 4
SCALE 1:500



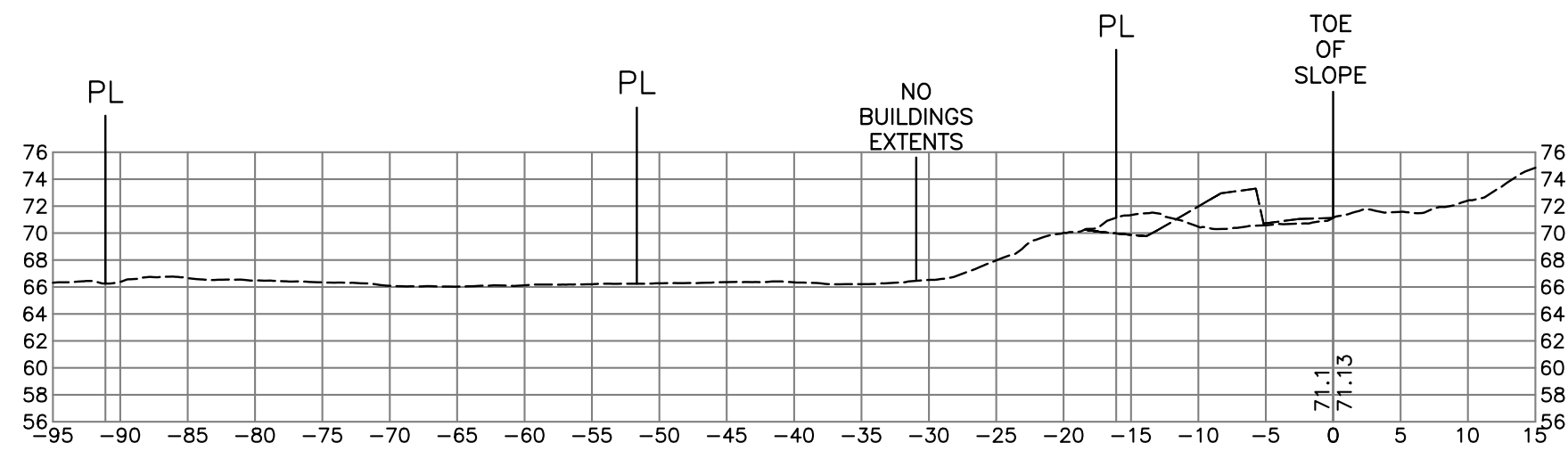
LOTS 8
SCALE 1:500



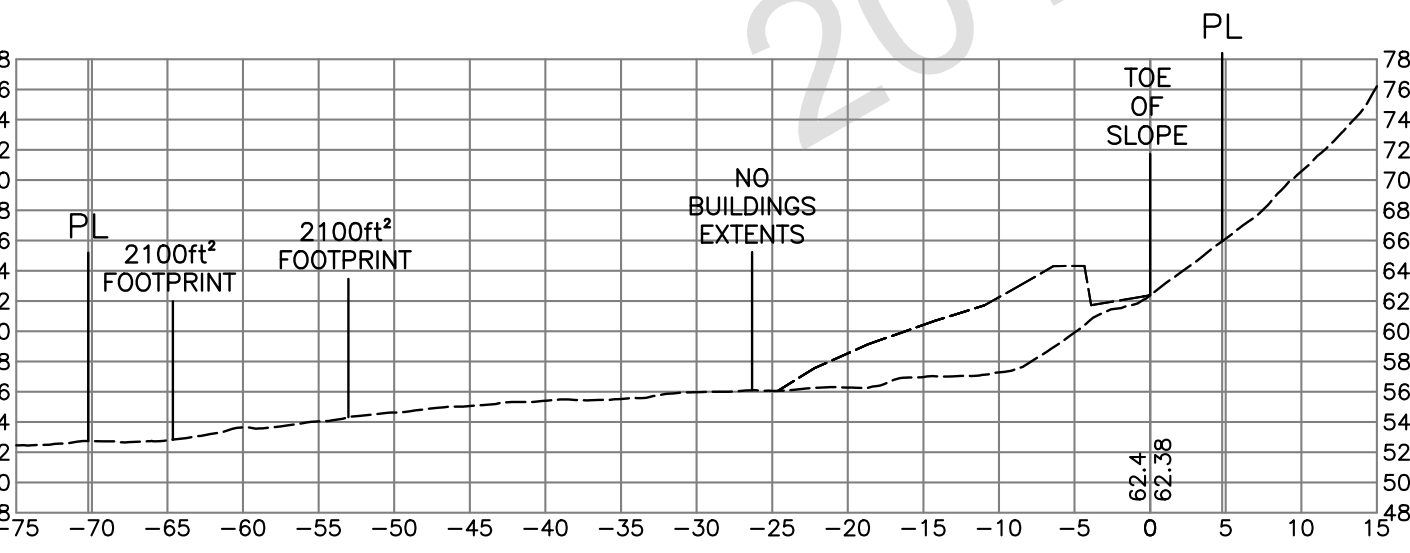
LOT 3
SCALE 1:500



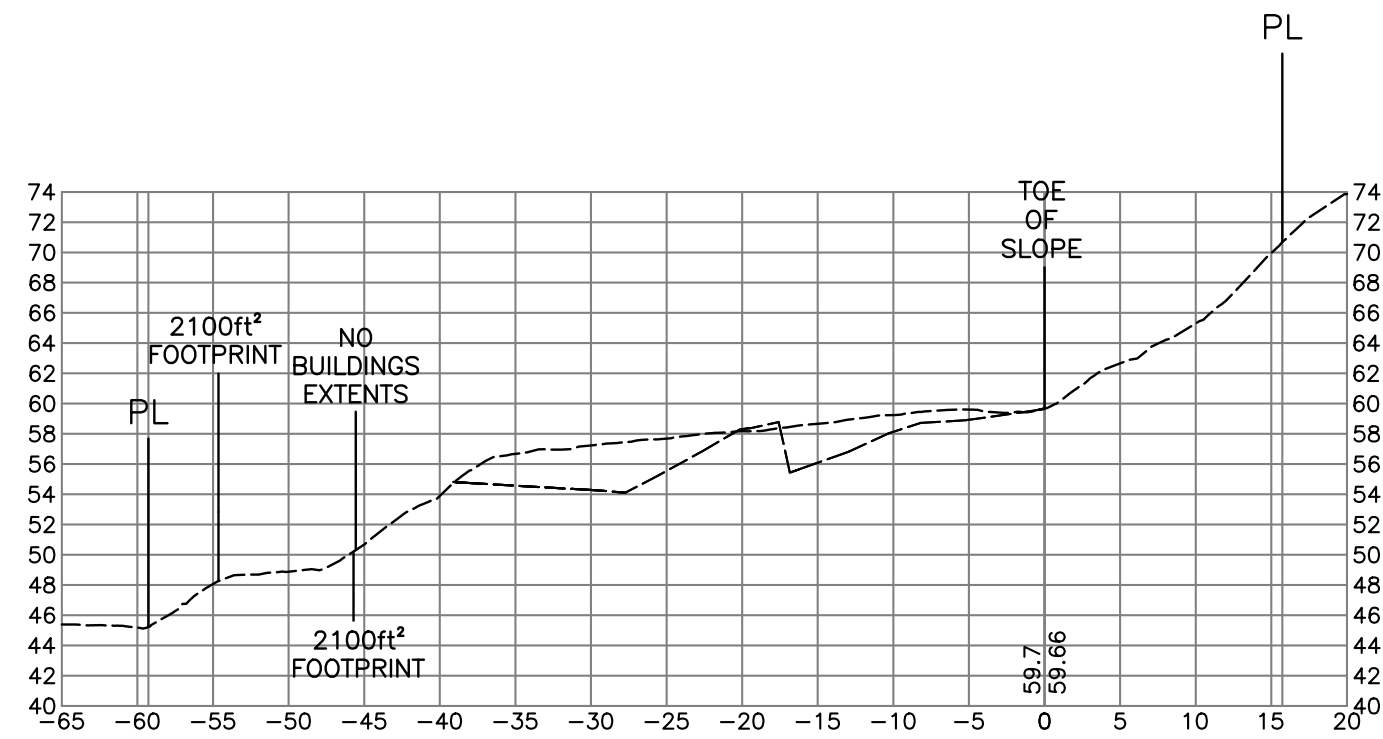
LOTS 7
SCALE 1:500



LOTS 1 AND 2
SCALE 1:500



LOTS 6
SCALE 1:500



LOT 10
SCALE 1:500

PRELIMINARY - NOT FOR CONSTRUCTION

						client		PAN-CANADIAN MORTGAGE GROUP		www.creus.ca	COPYRIGHT RESERVED. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN THE EXCLUSIVE PROPERTY OF CREUS ENGINEERING LTD. AND CANNOT BE USED, REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN CONSENT. © 2012 CREUS ENGINEERING LTD.	approved	designed by	K.B.H.	title	scales		hor: 1:500	vert: 1:500
						project		45900 SLEEPY HOLLOW ROAD CHILLIWACK, BRITISH COLUMBIA					drawn by	M.S.T.		file no.	13263		
													checked by	F.M.C.		drawing no.		SXS-1	
													date	JAN.02.2014		rev.		-	
no.	date	revision		chk'd	no.	date	revision		chk'd										
-	2016-03-22	REVISED PER GEOTECH DISCUSSIONS		KBH															

CREUS Engineering Ltd

P: 804-987-9070 F: 804-987-9071
200 - 901 WEST 16TH ST NORTH VANCOUVER, BC V7P 1R2

Civil Engineers

FRASER VALLEY REGIONAL DISTRICT

Bylaw No. 1461, 2017

A Bylaw to Amend the Zoning for Electoral Area H

WHEREAS the *Zoning Bylaw for Electoral Area E, 1976 of the Regional District of Fraser Cheam* was adopted by the Fraser Cheam Regional District Board of Directors on June 22, 1976;

AND WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") has deemed it advisable to amend the *Zoning Bylaw for Electoral Area E, 1976 of the Regional District of Fraser Cheam*, as amended for Electoral Area H:

THEREFORE the Board enacts as follows:

1) **CITATION**

This bylaw may be cited as *Fraser Valley Regional District Electoral Area H Zoning Amendment Bylaw No. 1461, 2017*

2) **MAP AMENDMENT**

- a) That Schedule D of *Zoning Bylaw for Electoral Area E, 1976 of the Regional District of Fraser Cheam* be amended by rezoning the lands described as:

LOT 30 SECTION 30 TOWNSHIP 25 NEW WESTMINSTER DISTRICT PLAN 37174
(P.I.D. 008-374-694),
comprising 6.66 hectares, more or less,

and as outlined in heavy black outline and cross-hatched on Zoning Amendment Map Schedule 1461-A, from the Limited Use (L-1) zone to the Urban Residential (RS-1) zone, as shown on Map Schedule 1461-A.

- b) That the map appended hereto as Zoning Amendment Map Schedule 1461-A showing such amendments is an integral part of this bylaw.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

READ A FIRST TIME THIS	day of
PUBLIC HEARING WAS HELD THIS	day of
READ A SECOND TIME THIS	day of
READ A THIRD TIME THIS	day of
ADOPTED THIS	day of

Chair/Vice Chair

Corporate Officer/Deputy

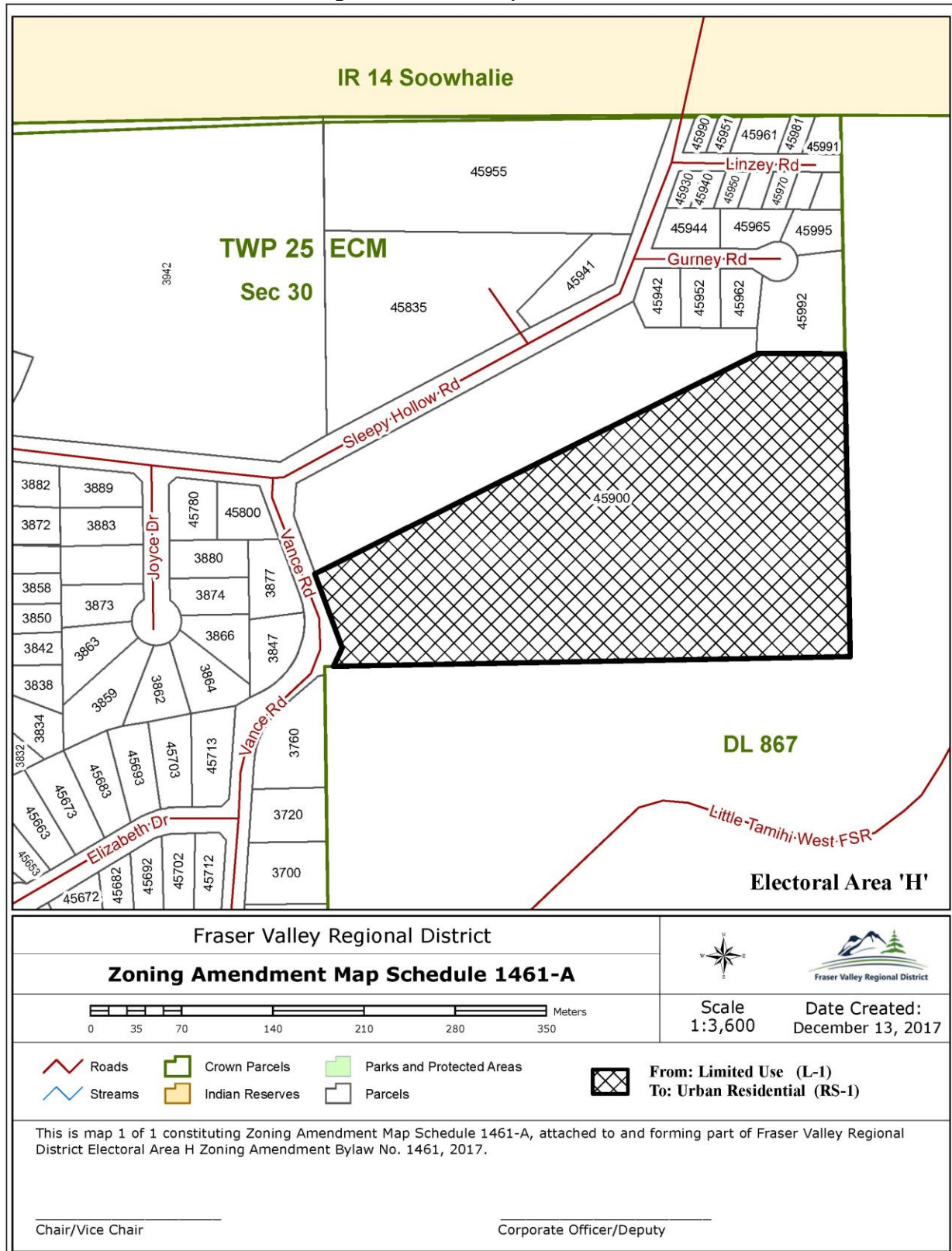
5) **CERTIFICATION**

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District Electoral Area H Zoning Amendment Bylaw No. 1461, 2017* as read a third time/adopted by the Board of Directors of the Fraser Valley Regional District on the day of .

Dated at Chilliwack, B.C. this day of

Corporate Officer/ Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1461, 2017
Zoning Amendment Map Schedule 1461-A



To: Electoral Area Services Committee

Date: 2018-01-10

From: Johannes Bendle, Planner I

File No: 3090-20 2017-28

Subject: Development Variance Permit to Reduce the Setback for an Agricultural Building at 36716 Allcott Road, Electoral Area G

RECOMMENDATION

THAT the Fraser Valley Regional District Board issue Development Variance Permit 2017-28 to vary the side lot line setback from 30 metres to 20 metres to permit the construction of a chicken barn at 36716 Allcott Road, Electoral Area "G", subject to consideration of any comments or concerns raised by the public.

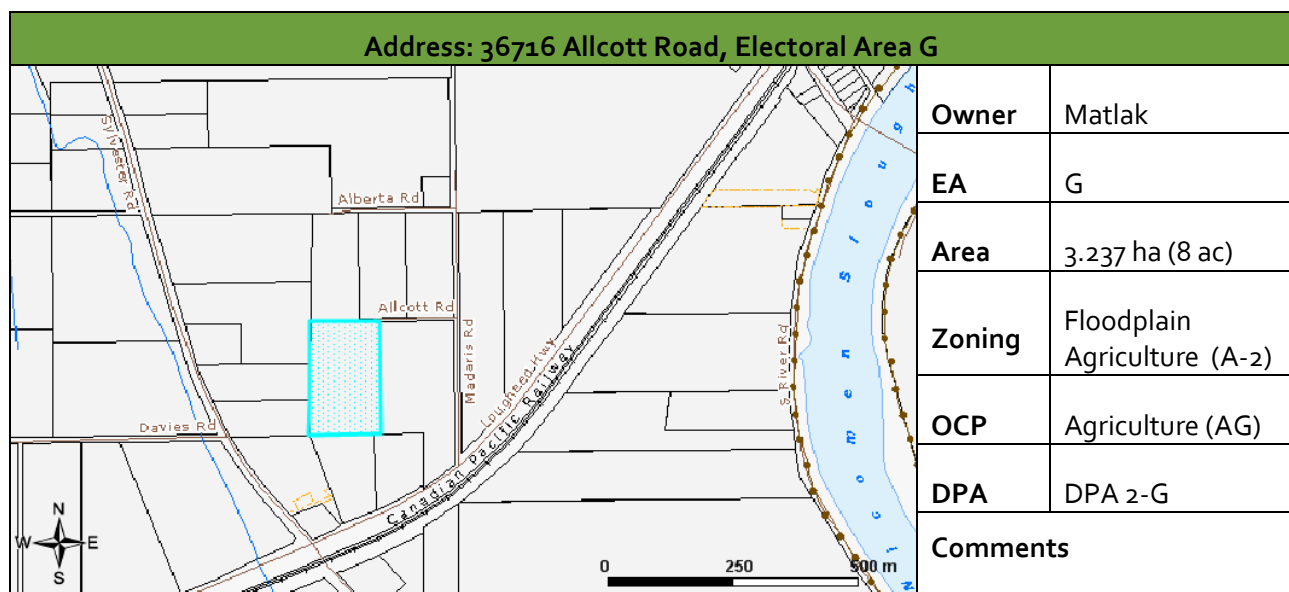
STRATEGIC AREA(S) OF FOCUS

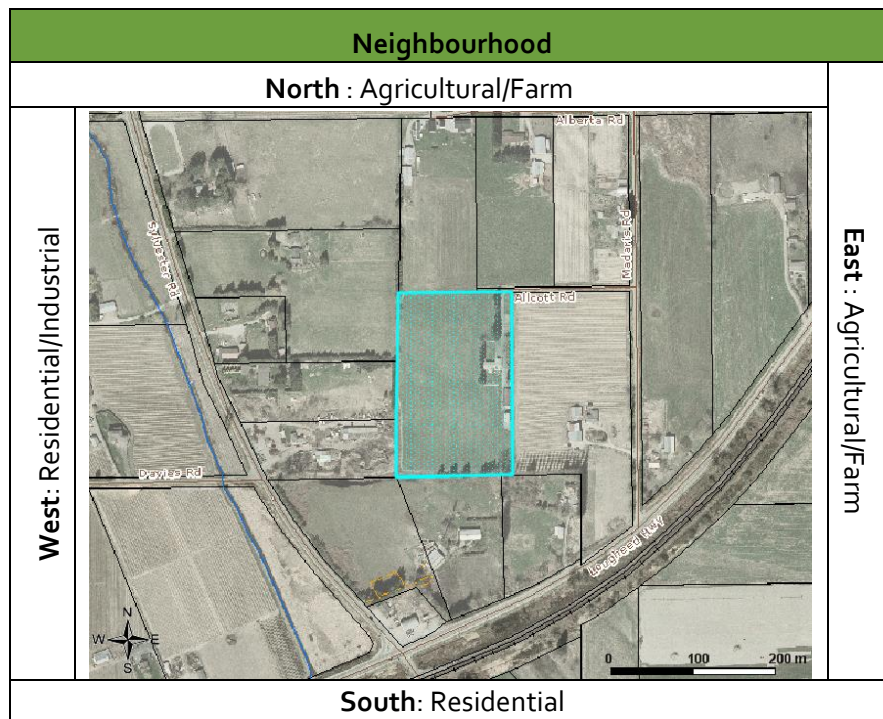
Support Healthy & Sustainable Community

Provide Responsive & Effective Public Services

BACKGROUND

The subject property is an agricultural parcel located in the Dewdney area between Sylvester Road and Lougheed Highway. The owners operate a chicken farm on the property and are proposing an additional chicken barn. The owners are applying for a variance to the setbacks of the chicken barn.





DISCUSSION

The owners of the subject property are proposing to add an additional chicken barn. The property is currently being used to operate a chicken farm. The owners state in their application that they wish to eliminate the transport of poultry by raising their own pullets (young hens) on their property. Construction of the pullet barn closer to the one side of the property will leave the owners room to one day expand their family farm with an additional breeder barn. The owners would like to vary the side lot line from 30 metres to 20 metres.

The subject property is adjacent to other agricultural parcels, industrial parcel and large residential parcels. The placement of the barn is proposed for the west side of the property. The side setback which is being applied for is for the west lot line. Three properties are adjacent to the subject property on the west side. The uses of the adjacent properties are agricultural, residential and industrial. Residences on the adjacent properties are located in close proximity to Sylvester road and therefore well back from the subject property.

The "Guide for Bylaw Development in Farming Areas" written by the Ministry of Agriculture provides recommended setback distances for farm buildings by use to help prevent nuisance conflicts and safeguard human health. The setbacks for a principle farm building for poultry use is 15 to 30 metres for interior side and rear lot lines. The proposed 20 metre setback falls within this range. The Ministry of Agriculture guide explains that the range in setbacks allows for reduction for enclosed animal facilities. The FVRD has to date not received any building plans but chicken barns are usually enclosed.

The subject property is located within the floodplain and is regulated by the Fraser Valley Regional District Floodplain Management Bylaw 0681, 2005; however, farm buildings fall under the general exemptions from the Bylaw.

The subject property is within Riparian Areas Development Permit Area 2-G; however, there appear to be no streams located on or within 30 metres of the property.

Neighbourhood Notification

The FVRD encourages Development Variance Permit applicants to communicate with and notify their neighbours of their development plans. To date no letters of support or opposition have been received.

All property owners within 30 metres of the property will be notified and given the opportunity to provide written comments or attend the Board meeting to state their comments.

COST

Development Variance Permit application fee of \$350.00 has been paid by the applicant.

CONCLUSION

The setback variance from 30 metres to 20 metres falls within the 15 metre to 30 metre range provide by the Ministry of Agriculture. Therefore, staff recommend that Development Variance Permit 2017-28 be issued by the Fraser Valley Regional District Board, subject to any comments or concerns raised by the public.

COMMENTS BY:

Graham Daneluz, Deputy Director of Planning & Development

Reviewed and supported.

Margaret Thornton, Director of Planning & Development

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

No further financial comments.

Paul Gipps, Chief Administrative Officer

Reviewed and supported



FRASER VALLEY REGIONAL DISTRICT DEVELOPMENT VARIANCE PERMIT

Permit No. Development Variance Permit 2017-28 **Folio No.** 775.02543.000

Issued to: Kimberly and Jason Matlak

Address: 36716 Allcott Road, Dewdney, BC V0M 1H0

Applicant: Same

Site Address: Same

The lands affected by and subject to this permit are shown on Schedule "A", Location Map, attached hereto, which forms an integral part of this permit, and are legally described as:

LOT 2, SECTION 30, TOWNSHIP 20, NEW WESTMINSTER DISTRICT, PLAN NWP3514
PID: 004-622-740

LIST OF ATTACHMENTS

Schedule "A": Location Map

Schedule "B": Site Plan

AUTHORITY TO ISSUE

1. This Development Variance Permit is issued under Part 14 – Division 9 of the *Local Government Act*.

BYLAWS SUPPLEMENTED OR VARIED

Dewdney-Alouette Regional District Land Use and Subdivision Regulation Bylaw No. 559-1992 is **varied** as follows:

Section 412 Siting for Buildings, Structures and Uses

Siting for Agricultural Uses

(8)(a) from 30.0 metres to 20.0 metres clear to sky from the western side lot line

SPECIAL TERMS AND CONDITIONS

1. No variances other than those specifically set out in this permit are implied or to be construed.
2. If the holder of this permit does not commence the construction with respect to which the Permit was issued within two (2) years after the date of the permit, this permit shall lapse.
3. Development of the site shall be undertaken in accordance with the Site Plan attached hereto as Schedule "B".

GENERAL TERMS AND CONDITIONS

1. This Development Variance Permit is issued Pursuant to Part 14 – Division 9 of the *Local Government Act*.
 2. This Development Variance Permit shall not vary the permitted uses or densities of land use in the applicable zoning bylaw nor a flood plain specification designated under Section 524 of the *Local Government Act*.
 3. Nothing in this permit shall in any way relieve the developer's obligation to ensure that the development proposal complies in every way with the statutes, regulations, requirements, covenants and licences applicable to the undertaking.
 4. Nothing in this permit shall in any way relieve the developers obligation to comply with all setback regulations for construction of structures or provision of on-site services pursuant to the *Public Health Act*, the *Fire Services Act*, the *Safety Standards Act*, and any other provincial statutes.
-

SECURITY DEPOSIT

As a condition of the issuance of this Permit, and pursuant to Section 502 of the *Local Government Act*, the Regional Board is holding the security set out below to ensure that development is carried out in accordance with the terms and conditions of this Permit

Should the holder of this permit:

- a. fail to complete the works required to satisfy the landscaping conditions contained herein,
- b. contravene a condition of the permit in such a way as to create an unsafe condition,

The Regional Board may undertake and complete the works required to satisfy the landscaping conditions, or carry out any construction required to correct an unsafe condition at the cost of the holder of the permit and may apply the security in payment of the costs of the works, with any excess to be returned to the holder of the permit.

Security Posted: (a) an irrevocable letter of credit in the amount of: \$ <N/A> .
 (b) the deposit of the following specified security: \$ <N/A> .

Note: The Regional District shall file a notice of this permit in the Land Title Office stating that the land described in the notice is subject to Development Variance Permit Number 2017-28. The notice shall take the form of Appendix I attached hereto.

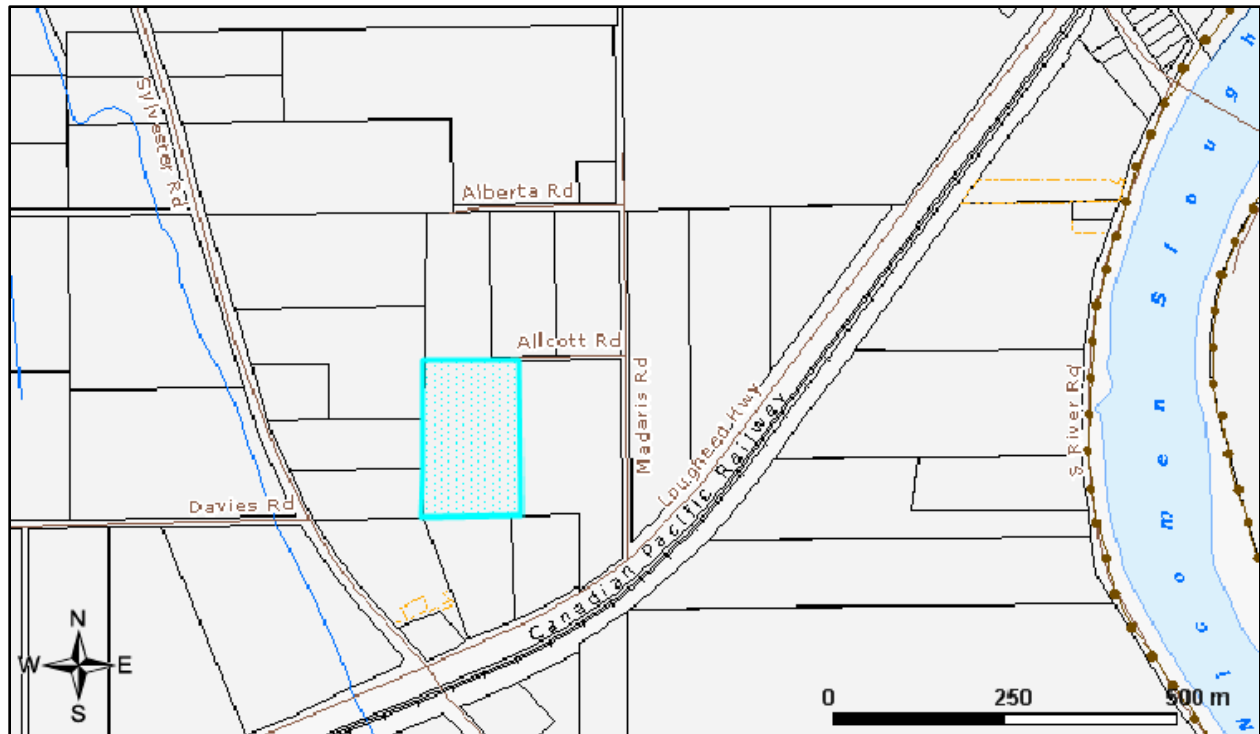
AUTHORIZING RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF THE FRASER VALLEY REGIONAL DISTRICT ON THE 24 DAY OF JANUARY, 2018

Chief Administrative Officer / Deputy

THIS IS NOT A BUILDING PERMIT

DRAFT

DEVELOPMENT VARIANCE PERMIT 2017-28
SCHEDULE "A"
Location Map



DEVELOPMENT VARIANCE PERMIT 2018-28
SCHEDULE "B"
Site Plan



Google Earth

feet 800
meters 200



X = Sand point

O = Rock pit

 = property line

 = Proposed chicken barn

SCHEDULE A-4

Permit Application

I / We hereby apply under Part 14 of the *Local Government Act* for a;

☒ Development Variance Permit

☐ Temporary Use Permit

☐ Development Permit

RECEIVED
DEC 12 2017
F.V.R.D.
DEROCHE OFFICE

An Application Fee in the amount of \$ _____ as stipulated in FVRD Application Fees Bylaw No. 1231, 2013 must be paid upon submission of this application.

Civic

Address 36716 Alcott road, mission BC PID 0641-622-740

Legal

Description

Lot 2 Block _____ Section 30 Township 20 Range _____ Plan NW23514
Part NE 1/4.

The property described above is the subject of this application and is referred to herein as the 'subject property.' This application is made with my full knowledge and consent. I declare that the information submitted in support of the application is true and correct in all respects.

Owner's
Declaration

Name of Owner (print) <u>Kimberly Matlak</u>	Signature of Owner	Date <u>12/12/17</u>
Name of Owner (print) <u>Jason Matlak</u>	Signature of Owner	Date <u>12/12/17</u>

Owner's
Contact
Information

Address <u>36716 Alcott rd.</u>		City <u>Mission</u>
		Postal Code <u>V2V7G8</u>
		Fax <u></u>

Office Use Only	Date <u>2017-12-12</u>	File No. <u>3090-20-2017-18.</u>
	Received By <u>Rudy W</u>	Folio No. <u>775. 02543.000</u>
	Receipt No. <u>500714</u>	Fees Paid: \$ <u>350.00.</u>

Agent

I hereby give permission to _____ to act as my/our agent in all matters relating to this application.

Only complete this section if the applicant is NOT the owner.

Signature of Owner	Date
Signature of Owner	Date

Agent's contact information and declaration

Name of Agent		Company
Address		City
Email		Postal Code
Phone	Cell	Fax

I declare that the information submitted in support of this application is true and correct in all respects.

Signature of Agent	Date
--------------------	------

Development Details

Property Size 8 acres Present Zoning Agriculture

Existing Use Chicken Farm

Proposed Development to Add An Additional Chicken

Barn 66 ft. from Property line

Proposed Variation / Supplement I would like to vary the
Side property line from 30 meters to 20 meters.

(use separate sheet if necessary)

Reasons in Support of Application

To eliminate the transport of poultry by growing our
own pullets on our property. Building the pullet barn
closer to one side leaves us room to one day
expand our family Farm with an additional
Breeder barn.

Page 2 of 4

Provincial Requirements

(This is not an exhaustive list; other provincial regulations will apply)

Riparian Areas Regulation

Please indicate whether the development proposal involves residential, commercial, or including vegetation removal or alteration; soil disturbance; construction of buildings and structures; creation of impervious or semi-pervious surfaces; trails, roads, docks, wharves, bridges and, infrastructure and works of any kind – within:

yes
☐

no
☒

30 metres of the high water mark of any water body

yes
☐

no
☒

a ravine or within 30 metres of the top of a ravine bank

"Water body" includes; 1) a watercourse, whether it usually contains water or not; 2) a pond, lake, river, creek, or brook; 3) a ditch, spring, or wetland that is connected by surface flow to 1 or 2 above.

Under the *Riparian Areas Regulation* and the *Fish Protection Act*, a riparian area assessment report may be required before this application can be approved.

Contaminated Sites Profile

Pursuant to the *Environmental Management Act*, an applicant is required to submit a completed "Site Profile" for properties that are or were used for purposes indicated in Schedule 2 of the *Contaminated Sites Regulations*. Please indicate if:

yes
☐

no
☒

the property has been used for commercial or industrial purposes.

If you responded 'yes,' you may be required to submit a Site Profile. Please contact FVRD Planning or the Ministry of Environment for further information.

Archaeological Resources

Are there archaeological sites or resources on the subject property?

yes
☐

no
☒

I don't know
☐

If you responded 'yes' or 'I don't know' you may be advised to contact the Archaeology Branch of the Ministry of Tourism, Sport and the Arts for further information.



45950 Cheam Avenue
Chilliwack, BC V2P 1N6
604-702-5000 | 1-800-528-0061

Receipt

Date Dec 12/17

Received from JASON MATLAK

Description of Payment and GL Code _____

DVP APPLICATION Fee

GST #89221 4750 RT0001

For Office Use Only
Do not write in the space below

Fraser Valley Regional District
B 33800
Receipt: 5007/4 M/C Dec 12, 2017
Dated: Dec 12, 2017 03:07:40 PM
Station: EA SERVICE/CASH2

1 PLANNING 36716 ALCOTT ROAD	350.00
Total	350.00
MASTERCARD MATLAK	-350.00

A. W. 12/17

White - Cashier | Yellow - Department | Pink - Customer

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Suzanne Gresham, Director of Corporate Initiatives

Subject: Chaumox Road Landfill (Area A) – Proposed Renewal of Operation and Maintenance Agreement between the FVRD and the Boston Bar Area A Landfill Society

File No: 2320-20/Chaumox Road Landfill

RECOMMENDATION

THAT the Fraser Valley Regional District Board authorize its signatories to enter into an Operation and Maintenance Agreement ["Agreement"] with the *Boston Bar Area A Landfill Society* ["*Landfill Society*"] for the operation and maintenance of the Chaumox Road Landfill for a 10 year term commencing on February 1, 2018 with an option to renew for a further five year term;

AND THAT the Agreement expressly provide that:

[1] the *Landfill Society* operate the Chaumox Road Landfill strictly in accordance with the Operational Certificate issued to the Fraser Valley Regional District by the Province of British Columbia for the purpose of operating and maintaining the Chaumox Road Landfill;

[2] the *Landfill Society* be obligated to reimburse the Fraser Valley Regional District for the full value of the capital costs associated with the purchase of a front end loader and bin truck ["capital equipment"] by the *Landfill Society* through the use of Area A Garbage Disposal Service Area Reserve funds and operational and surplus funds from the Area A Garbage Disposal Service Area budget plus applicable interest, said funds to be reimbursed within 5 years from the commencement date of the Agreement, and

[3] should the *Landfill Society* default on its contractual obligation to reimburse the Fraser Valley Regional District for the costs associated with the capital equipment within the prescribed time period, the ownership of the capital equipment will remain the property of the Fraser Valley Regional District;

AND FURTHER THAT the Fraser Valley Regional District Board authorize the expenditure of available funds from the Area A Garbage Disposal Service Area Reserve Fund and the Area A Garbage Disposal Service Area budget, for the purchase of a used front end loader and bin truck by the *Landfill Society* for purposes of fulfilling its obligations under the Agreement with respect to the operation and maintenance of the Chaumox Road Landfill, said funds estimated to be in the amount \$285,000.;

AND FURTHERMORE THAT the *Landfill Society* be required to carry adequate comprehensive general liability insurance in an amount recommended by the FVRD's insurers, in addition to being responsible for all costs and obligations associated with compliance under the *Workers Compensation Act* of British Columbia;

AND FINALLY THAT the Agreement include accountability provisions which require the *Landfill Society* to report out to the Fraser Valley Regional District on an annual basis.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

The Fraser Valley Regional District has been responsible for the operation and maintenance of the Chaumox Road Landfill ["Landfill"] in Electoral Area A since the early 1970s. The original bylaw to establish the Area A Garbage service area was adopted in 1973 by the former Regional District of Fraser Cheam. The Fraser Valley Regional District operates this landfill under an "Operational Certificate" issued by the Province of British Columbia which must be renewed on a regular cycle in accordance with provincial regulations. The Landfill must be operated strictly in accordance with the Operational Certificate.

The *Boston Bar Area A Landfill Society* was incorporated as a non-profit Society in 1999 for the purpose of:

- [1] operating the Area A Landfill;
- [2] disposing of refuse in a timely manner, using recycling and landfill methods; and
- [3] fulfilling legal requirements in the most cost effective manner available.

The *Landfill Society* was incorporated further to the long standing interests of the local community in Area A of operating the Landfill on behalf of the Fraser Valley Regional District. The *Landfill Society* remains in good standing in accordance with the *Societies Act* of British Columbia. All "ratepayers" in Electoral Area A who have applied for membership are members of the *Landfill Society* and there are no membership fees. Under the terms of its bylaws, the *Landfill Society* has the ability to borrow and repay money to carry out the purposes of the society.

On February 3, 2000, the Fraser Valley Regional District entered into a Memorandum of Understanding with the *Landfill Society* with respect to the management of the Landfill. That MOU set out the framework for a partnership between the FVRD and the *Landfill Society* for an initial 3 year period and expressly recognized the interest of the Area A community in operating and managing the Landfill on behalf of the FVRD in a cost effective manner and in accordance with the FVRD's Operational Certificate issued by the Province of British Columbia. Towards this end, the FVRD's role was to provide oversight and technical assistance for purposes of ensuring compliance with the Operational Certificate. Subsequently, the FVRD entered into formal Operation and Maintenance Agreements and renewals with the *Landfill Society*. The last renewal was entered into on January 1, 2011 and expired on December 31, 2015. The *Landfill Society* has continued to operate the Landfill despite the expiration of the most current agreement, albeit negotiations have been on-going with FVRD staff. At the most recent public information meeting held in the community on October 19, 2017, the community again clearly and strongly expressed its interest in continuing to operate the Landfill. FVRD staff met with the full Executive of the *Landfill Society* on November 22, 2017 to continue its discussions and negotiations in anticipation of renewing the Agreement.

DISCUSSION

The Board's *Procurement and Purchasing Policy* would typically require that this contract be put out for a procurement call, however there is a case to be made for sole-sourcing given the FVRD's historic relationship with the *Landfill Society* and contractual expectations with respect to transparency and accountability by the *Landfill Society* in terms of value for money and cost-effectiveness for the delivery of this service by them.

A fundamental driver with respect to the renewal of the contract for a further term is the FVRD's interest in transferring the responsibility of owning, operating and maintaining any capital equipment associated with operating the Landfill to the *Landfill Society* as it is problematic, impractical and not cost-effective for the FVRD to assume this responsibility. However, in order to achieve this, the FVRD will need to essentially loan the *Landfill Society* the funds necessary to purchase a front end loader and a bin truck. These funds will need to be allocated from existing reserve, operational and surplus funds out of the Area A Garbage Service Area budget and the value of the capital equipment will be repaid to the FVRD within 5 years from the commencement date of the Agreement. In the event the *Landfill Society* defaults on its payment to the FVRD, the ownership of the capital equipment will remain with the FVRD. It is anticipated that the costs of a used front end loader will be \$250,000 and the costs of a used bin truck will be \$35,000. The *Landfill Society* will account for revenues received from the operation of the Landfill [largely from third party soil deposit], and these revenues, along with their contract fee, will provide the *Landfill Society* with the ability to repay the FVRD [the Area A Garbage Service Area] for the up-front capital equipment costs.

Aside from the capital equipment provisions set out above, the Agreement would essentially be structured as follows:

1. 10 year term with an option to renew for a further 5 years
2. Strict compliance by *Landfill Society* with the Operational Certificate issued by the Province of British Columbia and provisions with respect to the FVRD's role with respect to oversight in this regard
3. Language which speaks to the FVRD's obligations to plan and budget for Landfill closure in due course
4. The contract price paid to the *Landfill Society* by the FVRD for the first 2 years of the term would be the average contract price of the last 5 years; and the contract price further years 3-10 would be at a negotiated rate based upon a review of the *Landfill Society's* financial plans. [Note – 2017 rate was \$50,000].
5. Allowances for re-opening the contract so as to include additional services, e.g. recycling program
6. Detailed scope of work
7. Additional charge out rates by the *Landfill Society* as may be required from time to time for work outside the scope of this Agreement
8. Accountability, transparency and reporting provisions
9. Insurance
10. Liability and indemnification
11. General [boiler-plate] contractual language

COST

All costs associated with the administration of the contemplated Agreement with the Landfill Society will be borne by the Area A Garbage Disposal Service Area.

On the expense side, the 5 year Financial Plan with respect to the Area A Garbage Service will include closure and post-closure costs of the Landfill in addition to the costs associated with the value of the Operation and Maintenance Agreement with the *Landfill Society*. On the revenue side, revenues are largely derived from Area A tax requisition, third party soil cover, a tax mitigation grant, and modest amounts of miscellaneous revenue.

CONCLUSION

Staff are satisfied that the *Landfill Society* is able to operate the Landfill in accordance with the Operational Certificate issued to the FVRD by the Province of British Columbia as evidenced by past performance. The renewal of this agreement provides the FVRD with the further opportunity to avoid the responsibility and liability of owning and operating the capital equipment associated with operating the landfill and transfers this responsibility to the *Landfill Society*. Keeping the operation of the Landfill in the community provides economic opportunities for Area A residents and this is a significant consideration given that Area A is currently economically depressed. The Area A community takes great pride in being self-sufficient and the renewal of this contract fulfills this desire and expectation.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

Reviewed and supported.

To: Fraser Valley Regional District Board
From: Paul Gipps, Chief Administrative Officer

Date: 2018-01-24

Subject: FVRD Board Endorsement for the Emergency Operations Center Funding Grant Application

RECOMMENDATION

THAT the Fraser Valley Regional District Board endorse a grant application for the Emergency Operations Centre funding.

BACKGROUND

UBCM annually offers grant opportunities for a variety of programs. The FVRD would like to apply for a grant to support our continued efforts in improving our Emergency Operations Center and continuous training. This year we are looking to partner with our neighbouring jurisdictions to build capacity in being able to respond with the most effective means possible in the event of an emergency.

COST

None.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported.



Lower Mainland Flood Management Strategy (LMFMS):

- **Flood Modeling and Mapping Tool** – The RFP closed Dec. 15/17 and Northwest Hydraulic Consultants was selected and notified. A project start-up meeting was set for Jan. 10/18.
- **Online Atlas** – FBC staff continue review the best available and applicable datasets, meeting with partners and advisors to advance development of an online atlas to support the Flood Strategy. Examples include:
 - Lower Fraser Fisheries Alliance regarding mapping and modeling projects to explore potential synergies, overlap, gaps, and potential coordination.
 - Community Mapping Network regarding atlas functionalities, metadata framework, and sourcing datasets.
 - Bird Studies Canada on relevant data for display such as “Important Bird Areas” and other survey data.
 - Ministry of Forests, Lands, Natural Resource Operations and Rural Development (MFLNRORD) regarding up-to-date flood infrastructure datasets for the Lower Mainland.
 - Communications with Metro Vancouver regarding Sensitive Ecosystem Inventory dataset, and Port of Vancouver and Fisheries and Oceans Canada regarding river training structures dataset.
- **BC Storm Surge Forecast Model** – Operation continues. Additional funding is required for the period of January through March. FBC is following up with potential funders.
- **Dikes with No Local Authority (NOLA)** – A draft RFP has been prepared to advise on an appropriate risk assessment methodology for assessing the NOLA dikes across BC. It will be finalized and issued to retain a consultant by February. Potential local government advisors for the project have been identified and will be approached about their participation.
- **Digital Elevation Model** – Progress continues on development of a digital elevation model (DEM) to support flood modeling and floodplain mapping. The draft river channel DEM has been received and reviewed. The consultant is revising the DEM and draft report, aiming for completing in early February.
- **Seismic Vulnerability of Dikes** – Planning and scoping for seismic vulnerability of dikes continues. The project will include an initial scoping study, geotechnical investigations, professional practice guidelines, & recommendations related to the provincial seismic guidelines. Meetings with MFLNRORD discussed scope and budget. An advisory committee was met Dec. 19 to obtain input on scope of the initial scoping study and geotechnical investigations. A draft RFP is being prepared to retain a consultant for the initial scoping study.
- Upcoming meetings include:
 - Joint Program Committee will meet Feb. 14, and the Environmental Advisory Committee will meet Feb. 7;
 - A Leadership Committee and an inaugural meeting, date to come.
- FBC staff launched an online survey in September to solicit flood mitigation priorities from local governments, First Nations and other organizations. The online link is <https://cs.createsurvey.com/publish/survey?a=UTDNpX>

Cultus Lake Aquatic Stewardship Strategy (CLASS)

- FBC staff supported University of BC researchers in arranging interviews with Cultus Lake residents and stakeholders for Phase I of the economic analysis of Cultus Lake to determine what values they ascribe to the lake. This information will form the basis for surveys in Phase II of the study. Phase I concludes at the end of February 2018, with a report due within a few weeks; FBC Fraser Valley staff seek funds for the larger two-year Phase II of the economic analysis, possibly in 2018.

Fraser Valley Illegal Dumping:

- FBC Fraser Valley staff will meet with Fraser River Keepers’ new water literacy co-ordinator – Megan Reich of Chilliwack – to determine any collaborative opportunities for preventing illegal dumping. Reich will discuss preventative actions with high school students, in particular Gr. 12 grads to engage them in work study opportunities, and to encourage them to leave their traditional grad party camp sites, (Harrison Lake, Jones Lake, etc.,) pristine and clean.

Barn owl and rodenticide initiative:

- FBC obtained \$20,000 from the Investment Agriculture Foundation, and \$7,000 from the farm sector, to produce educational videos on identifying vole damage to blueberry and other crops, best ways to use rodenticide, and options such as attracting the threatened Western Barn Owl to farm sites to control vole numbers. The team will also work with pest control agencies to develop standard protocols to identify voles, vole damage, and sustainable responses. The six-month project will conclude in summer 2018.

For more information, please contact:

Christina Toth at 604-864-9295, ctoth@fraserbasin.bc.ca | Bob Purdy at 604-488-5355, bpurdy@fraserbasin.bc.ca

To: Fraser Valley Regional District Board

Date: 2018-01-24

From: Sterling Chan, Manager of Engineering and Infrastructure

File No: 3920-20

Subject: Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018, Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment

RECOMMENDATION

THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*;

AND THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018*;

AND THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018*;

AND FURTHER THAT the Fraser Valley Regional District Board give first, second and third readings to the bylaw cited as *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018*.

STRATEGIC AREA(S) OF FOCUS

Support Environmental Stewardship
Support Healthy & Sustainable Community
Provide Responsive & Effective Public Services

PRIORITIES

Priority #1 Waste Management
Priority #2 Air & Water Quality

BACKGROUND

The Cultus Lake Park is served by two sewage collection systems under a single Ministry of Environment Permit. The sewer system is comprised of septic tanks and disposal fields. The system was constructed in 1979 and it was operated by the Cultus Lake Park Board until 2014 and since then FVRD has taken over the operation and maintenance of the sewer system.

The existing sewer systems do not have any treatment of the effluent and there is evidence to suggest that the system infrastructure has not been maintained to the industry standard for many years. Flow monitoring reports and septic sludge haul-out records appear to show that for the given period, the FVRD has been compliant with the Ministry of Environment Permit. However, previous reports have documented the risks associated with contamination of the nearby groundwater wells and the challenges in servicing growth. The accumulation of nutrients (e.g., phosphorus and nitrate levels) in the groundwater is a key concern as is bacteriological impact such as E-coli contamination of the lake water.

In order to address these concerns the existing system is in need of a major upgrade. In 2015 FVRD initiated a Liquid Waste Management Plan (LWMP) which is a provincially regulated process. The LWMP included several public consultation processes and evaluated an upgrade based on criteria such as holistic approach to sanitary management including lake impact assessment and monitoring program as well as aquifer protection plan. The LWMP requires that any future upgrade or any new system would be a Class A+ system (the highest classification under Provincial regulation is Class A), the plus (+) is to represent removal of phosphorus and higher level nitrates.

DISCUSSION

FVRD have been working with the Cultus Lake Park Board on the sewer system upgrade and expansion plan. The existing system does not currently provide service to Sunnyside Campground or homes located on Park Drive and Mountain View Road (Park/Mountain View). The proposed new Class A+ sewage treatment plant will be designed to include these areas and will also be expandable so that in the future nearby communities and BC Parks may also one day connect. FVRD has been working with the Parks Board on the location of the plant and system expansion. The following Figure 1 shows the location of existing and future systems/plants.



Figure 1: Existing and Future Sewer System Locations

Previously staff had engaged Urban Systems Ltd to conduct a site assessment and predesign study which has estimated the capital cost of the new Class A+ sewage treatment plant to be approximately \$6.5 million. The cost to expand the sewage collection system to provide service to homes on Park/Mountain View was estimated to be \$945,000.

The cost of the new sewage treatment plant would be paid for by all users of the Cultus Lake Sewer System, meanwhile the additional cost to extend the sewer system to service properties on Park/Mountain View would be paid for only by the lease holders of the properties on Park/Mountain View. The funds required to complete each of these projects would be borrowed and paid back over the next 20 years.

The cost to lease holders on Park/Mountain View will be approximately \$1,685 per year (\$1,285 if the property is not connected to the sewer) with the cost decreasing to \$400 after 20 years once the borrowing has been repaid. The cost to all other users will be \$910 per year (\$965 if the properties on Park/Mountain View do not participate) with the cost decreasing to \$400 after 20 years once the

borrowing has been repaid. For both groups, the cost will be recovered through a combination of property taxes starting in 2020 and a semi-annual utility bill. This cost includes the cost of operations, capital debt repayment and contributions to a reserve fund. The FVRD intends to apply for grant funding to help pay for this project, however, nothing has been secured at this time. These cost estimates should be viewed as 'worst case scenario' figures based on no grant funding.

To complete the project there are two public assent processes, which must be undertaken. The first is a petition process involving the lease holders on Park/Mountain View which will determine whether or not proceed with borrowing funds and constructing the expansion of the sewage collection system in order to service properties on these two streets.

In order to proceed, properties on Park/Mountain View must be included within the North Cultus Sewer System Service Area. The proposed *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018* addresses the required adjustment to the service area boundaries.

As well, a new service area and loan authorization bylaw must be established in order to borrow the necessary funds. The proposed *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018* and *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018* are required to borrow the \$945,000 to complete this work.

For the petition to be successful a minimum of 50% of the lease holders must sign and return the petitions. Additionally, those lease holders who do sign the attached petitions must represent a minimum of 50% of the total assessed property value for properties on Park/Mountain View. If a petition is not returned, it is assumed that the lease holder is not in favour of the project. If the petition process is successful and the service areas are created, all properties will be included regardless of response. However, lease holders will be given the option to decide whether they wish to connect to the new sewer after it has been installed and will be charged a lesser if they are not connected.

The second public assent process is a referendum to determine whether or not funds will be borrowed to construct the new sewage treatment plant. The referendum will be open to all residents within the North Cultus Sewer System Service Area, which may include residents on Park/Mountain View depending on the results of the petition process.

The proposed bylaw *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018* is required to borrow the \$6,500,000 to complete this work.

Staff held a public information meeting on January 18th at the Cultus Lake Community School to inform and consult with residential and commercial lease holders, and residents of the Park. Shortly after the public engagement process the petition process was initiated. The petition process is open until February 14th, 2018 after which time it will be known if it was successful. The referendum has been scheduled for April 14th, 2018.

COST

The total cost to construct an extension to the sanitary sewer system to provide service to properties on Park/Mountain View is not expected to exceed \$945,000.

The maximum borrowing permitted by the *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018* is \$945,000 over a 20 year term.

The total cost to construct a new Class A+ sewage treatment plant is not expected to exceed \$6,500,000.

The maximum borrowing permitted by *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018* is \$6,500,000 over a 20 year term.

CONCLUSION

The proposed upgrade and expansion of the existing system would bring tremendous environmental and health benefit to the community. This initiative is highly supported by regulatory bodies including the Ministry of Environment and Ministry of Health and the surrounding First Nations. Reduction of environmental and other liability of the expiring existing system is also very much in consideration.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Reviewed and supported.

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

The existing disposal system is nearing end of life and the project is a priority to receive Provincial approvals to get the assent vote and subsequent permits to construct.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1465, 2018

A bylaw to amend the boundaries of the Cultus Lake Park Collector Sewer System Local Service Area and to change the name of the service area to the North Cultus Sewer System Service Area

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") has been petitioned to amend and extend the boundary of the Cultus Lake Park Collector Sewer System Local Service Area established by Regional District of Fraser Cheam Bylaw No. 0875, 1989;

AND WHEREAS the Board deems it desirable to change the name of the service area;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*.

2) ENACTMENTS

Regional District of Fraser Cheam *Cultus Lake Park Collector Sewer System Local Service Area Establishment Bylaw No. 875, 1989, as amended*, is hereby amended by:

- a) deleting Section 3 in its entirety and replacing it with the following: "The service area shall be known hereafter as the North Cultus Sewer System Service Area;
- b) extending the boundaries of the Service Area to include the property shown on Schedule 1465-A attached to and forming an integral part of this bylaw.
- c) schedule A to Bylaw No. 875, 1989 is hereby replaced by Schedule 1465-B, attached to and forming an integral part of this bylaw. The amended boundaries of the service area shall be those portions of Electoral Area H as shown on Schedule 1465-B.
- d) deleting Section 5 in its entirety and replacing it with the following: "The maximum amount that may be requisitioned annually for the entire service established by this bylaw shall be \$500,000.
- e) that the provisions of all bylaws that are now in effect with regard to the establishment and amendment of the North Cultus Sewer System Service Area shall henceforth apply to those lands outlined on Schedule 1465-B of this bylaw.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

READ A FIRST TIME THIS _____ day of _____

READ A SECOND TIME THIS _____ day of _____

READ A THIRD TIME THIS _____ day of _____

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this _____ day of _____

ADOPTED THIS _____ day of _____

Chair/Vice-Chair

Corporate Officer/Deputy

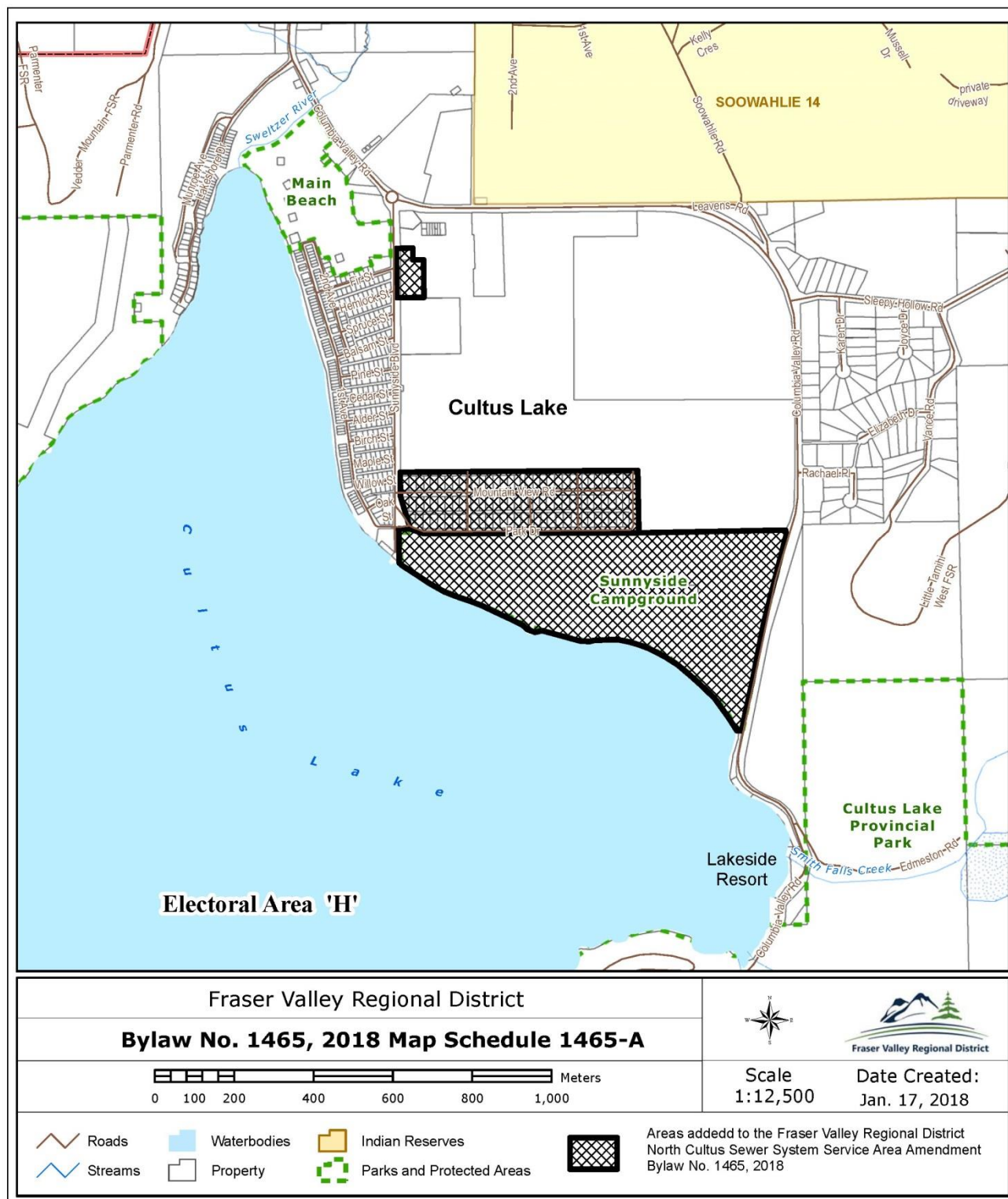
5) **CERTIFICATION**

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018* as adopted by the Fraser Valley Regional District Board on the day _____ of _____, 2018.

Dated at Chilliwack, BC this _____ day of _____, 2018.

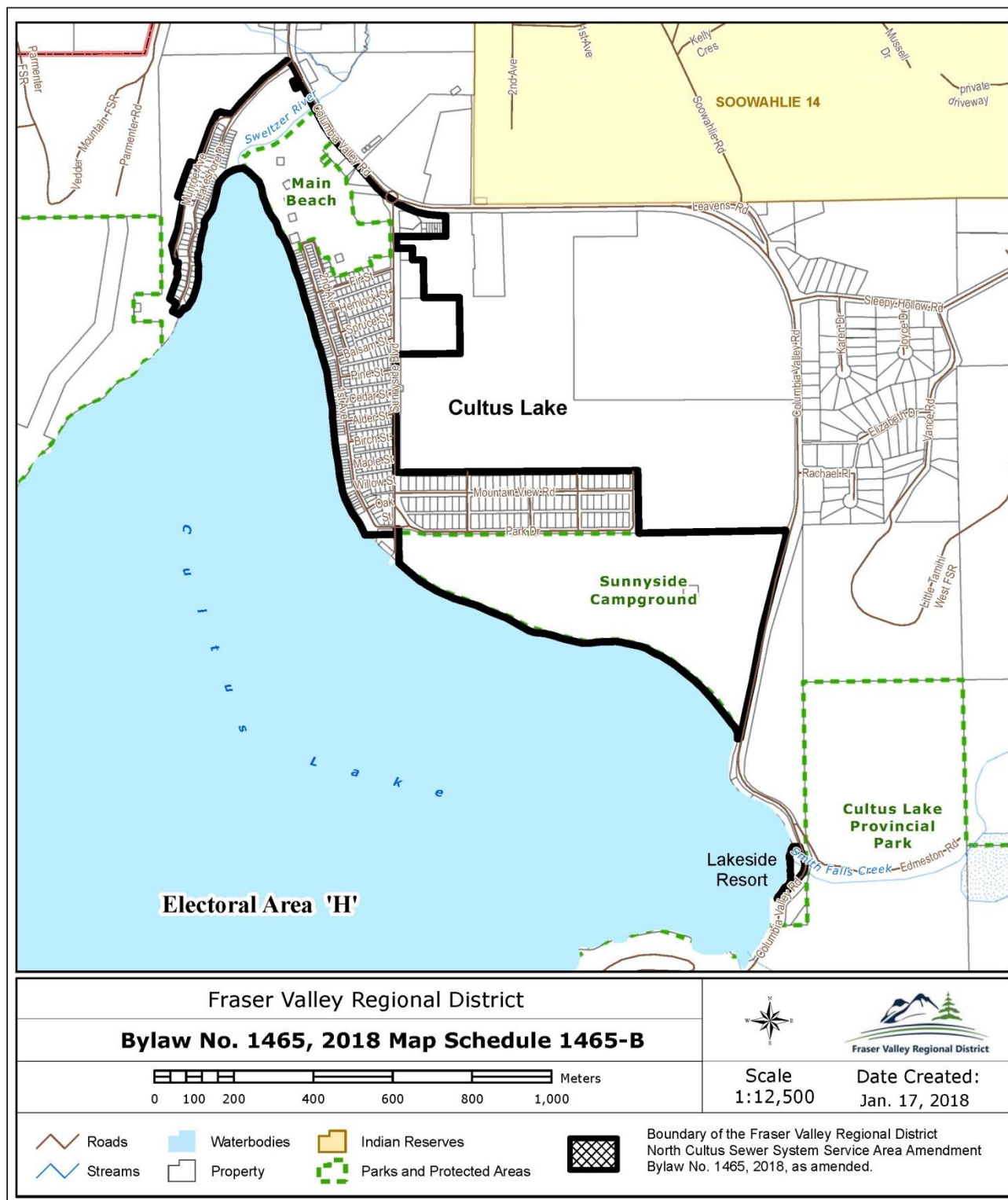
Corporate Officer/Deputy

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1465, 2018
Schedule 1465-A



This is map 1 of a constituting Schedule 1465-A attached to and forming part of *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*.

FRASER VALLEY REGIONAL DISTRICT BYLAW NO. 1465, 2018
Schedule 1465-B



This is map 1 of 1 constituting Schedule 1465-B attached to and forming part of *Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018*.

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO 1466, 2018

A Bylaw to establish the North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area

WHEREAS Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018 extends the boundaries of the Cultus Lake Park Collector Sewer System Local Service Area and changes the name of the service area to the North Cultus Sewer System Service Area;

AND WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it desirable and necessary to establish a separate service for the purposes of constructing the infrastructure to service the properties to be added to the North Cultus Sewer System Service Area by Bylaw No. 1465, 2018;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018*.

2) ENACTMENTS

- a) The Board hereby establishes the North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area within a portion of Electoral Area H for the purpose of constructing infrastructure necessary for the extension of the North Cultus Sewer System ("the Works") and for doing all such things as necessary in connection therewith, including but not limited to the acquisition of real property, easements, rights of way, licenses, rights or other authorities as may be required for the construction of the Works.
- b) The participating area for the service established by this bylaw shall be Electoral Area H of the Fraser Valley Regional District.
- c) The boundaries of the service area established by this bylaw shall be as shown on Schedule 1466-A attached to and forming an integral part of this bylaw.
- d) The annual costs for the service established by this bylaw shall be recovered by one or more of the following:
 - i. Parcel taxes imposed; and/or
 - ii. The imposition of fees and other charges that may be fixed by separate bylaw for the purpose of recovering these costs; and/or

- iii. Revenues received by way of agreement, enterprise, gift, grant or otherwise.

- e) The maximum amount that may be requisitioned annually for the entire service established by this bylaw shall be \$75,000.

3) SEVERABILITY

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) READINGS AND ADOPTION

READ A FIRST TIME this day of

READ A SECOND TIME this _____ day of _____

READ A THIRD TIME this _____ day of _____

CERTIFICATION AS TO SUFFICIENCY
AND VALIDITY OF PETITIONS this day of

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this _____ day of _____

ADOPTED this _____ day of _____

Chair/Vice-Chair

Corporate Officer/Deputy

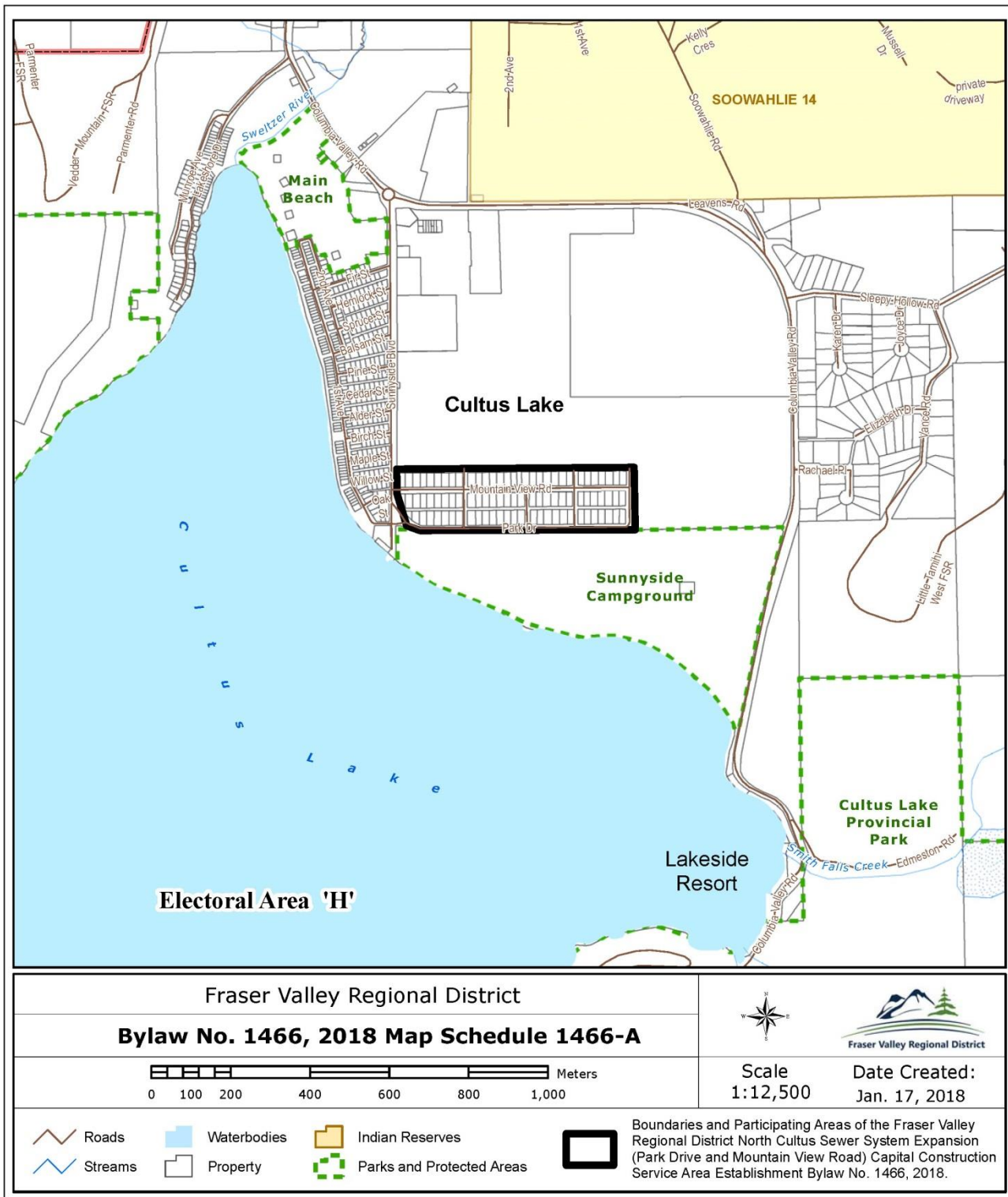
5) CERTIFICATION

I hereby certify the foregoing to be a true and correct copy of *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018* as read a third time by the Fraser Valley Regional District Board of Directors on this day of

Dated at Chilliwack, BC this day of

Corporate Officer/Deputy

Fraser Valley Regional District Bylaw No. 1466, 2018
Schedule 1466-A



This is map 1 of 1 constituting Schedule 1466-A attached to and forming an integral part of *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Establishment Bylaw No. 1466, 2018*

FRASER VALLEY REGIONAL DISTRICT

BYLAW NO. 1467, 2018

**A Bylaw to authorize borrowing for capital costs associated with
the extension of the North Cultus Sewer System**

WHEREAS Fraser Valley Regional District North Cultus Sewer System Service Area Amendment Bylaw No. 1465, 2018 extends the boundaries of the Cultus Lake Park Collector Sewer System Local Service Area and changes the name of the service area to the North Cultus Sewer System Service Area;

AND WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") has established the North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area, by Bylaw No. 1466, 2018, for the purposes of constructing infrastructure ("the Works") to serve the extended portion of the service area;

AND WHEREAS the estimated cost of constructing the Works, including expenses incidental thereto, is the sum of NINE HUNDRED AND FORTY FIVE THOUSAND DOLLARS (\$945,000.00), of which the sum of NINE HUNDRED AND FORTY FIVE THOUSAND DOLLARS (\$945,000.00) is the amount of debt intended to be borrowed by this bylaw;

AND WHEREAS the maximum term for which a debenture may be issued to secure the debt created by this bylaw is for a term not to exceed twenty (20) years;

AND WHEREAS the authority to borrow under this bylaw expires five years from the date on which this bylaw is adopted;

AND WHEREAS the Board has received participating area approval through the electoral area services petition process;

THEREFORE the Board enacts as follows:

1) CITATION

This bylaw may be cited as *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018*.

2) ENACTMENTS

- a) The Board is hereby empowered and authorized to undertake and carry out the construction of infrastructure ("the Works") to serve the North Cultus Sewer System Service Area. Said construction is to be carried out generally in accordance with plans on file in the Fraser Valley Regional District office, and to do all things necessary in connection therewith and without limiting the generality of the foregoing:

- i. To borrow upon the credit of the Fraser Valley Regional District a sum not exceeding NINE HUNDRED AND FORTY FIVE THOUSAND DOLLARS (\$945,000.00); and
 - ii. To acquire all such real such real property, easements, rights-of-way, licenses, rights or authorities as may be requisite or desirable for, or in connection with, the construction of the Works.
- b) The maximum term for which debentures may be issued to secure the debt created by this bylaw is 20 years.

3) **SEVERABILITY**

If a portion of this bylaw is found invalid by a court, it will be severed and the remainder of the bylaw will remain in effect.

4) **READINGS AND ADOPTION**

READ A FIRST TIME this	day of
READ A SECOND TIME this	day of
READ A THIRD TIME this	day of
CERTIFICATION AS TO SUFFICIENCY AND VALIDITY OF PETITIONS this	day of
APPROVED BY THE INSPECTOR OF MUNICIPALITIES this	day of
ADOPTED THIS	day of

Chair/Vice-Chair

Corporate Officer/Deputy

5) **CERTIFICATION**

I hereby certify that this is a true and correct copy of *Fraser Valley Regional District North Cultus Sewer System Expansion (Park Drive and Mountain View Road) Capital Construction Service Area Loan Authorization Bylaw No. 1467, 2018* as read a third time by the Board of Directors of the Fraser Valley Regional District on the day of
Dated at Chilliwack, B.C. this day of

Corporate Officer/Deputy

FRASER VALLEY REGIONAL DISTRICT

BYLAW No. 1468, 2018

A bylaw to authorize the borrowing for capital costs associated with the construction of capital works for the North Cultus Sewer System Service Area

WHEREAS the Fraser Valley Regional District Board of Directors ("the Board") deems it necessary to construct a new sewage treatment plant ("the Works") to serve the North Cultus Lake Sewer System Service Area established by Regional District of Fraser-Cheam *Cultus Lake Park Collector Sewer System Local Service Area Establishment Bylaw No. 875, 1989, as amended*;

AND WHEREAS the estimated cost of constructing the Works, including expenses incidental thereto, is the sum of SIX MILLION , FIVE HUNDRED THOUSAND DOLLARS (\$6,500,000.00), of which the sum of SIX MILLION , FIVE HUNDRED THOUSAND DOLLARS (\$6,500,000.00) is the amount of debt intended to be borrowed by this bylaw;

AND WHEREAS the maximum term for which a debenture may be issued to secure the debt created by this bylaw is for a term not to exceed 20 years;

AND WHEREAS the authority to borrow under this bylaw expires five years from the date on which this bylaw is adopted;

AND WHEREAS the Board has received participating area approval by assent voting;

THEREFORE the Board enacts as follows:

1. CITATION

This bylaw may be cited as *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018*.

2. ENACTMENTS

- a) The Board is hereby empowered and authorized to undertake and carry out or cause to be undertaken and carried out the construction of a new sewage treatment plant serving the North Cultus Sewer System Service Area within a portion of Electoral Area H. Said work is to be carried out generally in accordance with plans on file in the Fraser Valley Regional District office, and to do all things necessary in connection therewith and without limiting the generality of the foregoing:
 - i. To borrow upon the credit of the Regional District a sum not exceeding SIX MILLION , FIVE HUNDRED THOUSAND DOLLARS (\$6,500,000.00); and
 - ii. To acquire all such real property, easements, rights-of-way, licenses, rights or authorities as

may be requisite or desirable for, or in connection with, the construction of the Works.

- b) The maximum term for which debentures may be issued to secure the debt created by this bylaw is 20 years.

3. READINGS AND ADOPTION

READ A FIRST TIME this day of

READ A SECOND TIME this day of

READ A THIRD TIME this day of

APPROVED BY THE INSPECTOR
OF MUNICIPALITIES this day of

RECEIVED ASSENT
OF ELECTORS this day of

ADOPTED THIS day of

Chair/Vice-Chair

Corporate Officer/Deputy

4. CERTIFICATION

I hereby certify that this is a true and correct copy of *Fraser Valley Regional District North Cultus Sewer System Loan Authorization Bylaw No. 1468, 2018* as read a third time by the Fraser Valley Regional District Board of Directors on the day of

Dated at Chilliwack, B.C. this day of

Corporate Officer/Deputy

To: Regional and Corporate Services Committee
From: Jaime Schween, Manager of Corporate Administration

Date: 2018-01-10
File No: 0110-01

Subject: Boardroom Improvements Update

INTENT

This report is intended to advise the Regional and Corporate Services Committee of information pertaining to improvements to the FVRD Boardroom. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

At the October 12, 2017 Regional and Corporate Services meeting, staff provided a report for information on upcoming improvements to the FVRD Boardroom. This report is being provided to keep the Committee updated on the improvements as they are being undertaken.

DISCUSSION

The FVRD built the new corporate offices located at 45950 Cheam Avenue in 2003. As 15 years have now passed since the opening of the corporate offices, the fourth floor Boardroom is in need of a refresh and update to the carpet, tables and technology.

The existing carpet in the Boardroom and Director's office, as well as the laminate in the Boardroom kitchen has become worn and outdated. Staff has worked with local flooring vendors to update the space with flooring that is modern, cost effective and meets low emission testing standards. The flooring has been delivered, and installation will take place during the week of January 15, 2018.

The current Boardroom tables have started to show signs of wear and tear, and the current configuration poses challenges with visibility amongst our 23 Directors. Staff is working to have a new, modern circular Boardroom table installed, which will also assist with greater microphone connectivity during meetings. Staff is working to have the new table installed in Spring 2018.

Additional technology changes are being planned to address ongoing challenges with the audio system and desktop microphones, and Staff is working to have these items addressed as soon as possible.

COST

Funds for these upgrades have been allocated as part of the budget process.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Regional and Corporate Services Committee
From: Mike Veenbaas, Director of Financial Services

Date: 2018-01-10
File No: 0810-20

Subject: Installation of Bike Maintenance Station at FVRD/Chilliwack Fire Office

INTENT

This report is intended to advise the Regional and Corporate Services Committee of information pertaining to the installation of a bike maintenance station at the FVRD/Chilliwack Fire office. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Support Environmental Stewardship
Support Healthy & Sustainable Community

PRIORITIES

Priority #2 Air & Water Quality
Priority #5 Outdoor Recreation

BACKGROUND

The City of Chilliwack is working on enhancements to their cycling infrastructure, including the strategic placement of bike maintenance stations along cycling routes. One station is going to be installed at the joint FVRD/Chilliwack Fire office.

DISCUSSION

The FVRD/Chilliwack Fire office is located along Young Rd., a major north-south cycling route. In addition, with multiple electric vehicle charging stations on site, the location is seen as a supporter of alternative modes of transportation. To further enhance cycling, the City of Chilliwack is installing a bike maintenance station under the covered area by the south side main doors.

These bike maintenance stations have been installed along the Vedder River Rotary Trail with great success. They provide cyclists with the tools necessary to perform basic bike repairs and maintenance, from changing a flat to adjusting brakes and derailleurs. The tools are securely attached to the stand

with stainless steel cables and tamper-proof fasteners. Hanging the bike from the hanger arms allows the pedals and wheels to spin freely while making adjustments. Additionally, a manually operated bike pump will be included to keep tires topped up and ready to roll.

Below is an example of the Vedder River Rotary Trail installation:



COST

All costs associated with the equipment purchase and installation is being covered by the City of Chilliwack.

CONCLUSION

To further enhance their cycling network, the City of Chilliwack will be installing a bike maintenance station outside the main floor south entrance doors of the joint FVRD/Chilliwack Fire office. This

station will provide the necessary tools to perform minor bike maintenance and repairs and will be located alongside an important north-south cycling route.

COMMENT BY:

Paul Gipps, Chief Administrative Officer

Reviewed and supported

To: Regional and Corporate Services Committee
From: Dave Philp, Manager Eg11 & Information Technology

Date: 2018-01-03
File No: 7150-20

Subject: Dispatch Call Volumes during the December 29th Ice Storm

INTENT

This report is intended to advise the RACS of information pertaining to Fire Dispatch and the call volumes experienced during the ice storm event of December 29th 2017. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services

BACKGROUND

Call volumes in Fire Dispatch continue to increase year over year. In recent years, an exceptionally busy day in dispatch is typically between 250 and 300 calls in a 24 hour period. The busy days usually occur as result of extreme weather events. 2017 followed this trend as expected however the ice storm of Dec 29th was one for the record books in terms of call volumes handled by Fire Dispatch.

DISCUSSION

Officially, Fire Dispatch recorded 577 incidents in our Fire Dispatch Management (FDM) system in the 24 hour period of Dec 29th. Actual 911 calls received exceeded 900 for the same period. The number recorded incidents are lower as we routinely receive multiple calls for the same incident created in the FDM system.

Peak hours for call volume were from 1:00 pm to 9:00 pm with 416 of the 577 calls occurring in that timeframe.

By comparison the day previous had a total of 183 calls and our annual daily average to date for 2017 was 52 calls.

The majority of the calls received were in the Central Fraser Valley where the storm hit hardest. Abbotsford recorded 339 calls and Mission recorded 176. Reports of 'wires down' were the most common incident for the day.

Normally there is one dispatcher on shift until 4:00 pm and a second dispatcher between 4:00 pm and 8:00 pm. The first request for assistance in Dispatch on Dec 29th came in at 11:00 am, and by 2:00 pm there were 5 dispatchers on deck through to midnight.

The impact of the storm continued to be felt by FVRD Fire Dispatch for December 30th and 31st. Call volumes did begin to subside in the following two days and additional dispatchers were still required to assist with the call outs to BC Hydro, Fortis and Chilliwack Utilities.

Dispatch finished 2017 with 19,819 incidents recorded in FDM from a total of 24,057 "911" calls. Our previous yearly high was in 2016 with 16,824 incidents recorded in FDM from a total of 20,445 "911" calls.

CONCLUSION

Year over year the Fire Dispatch call volumes are increasing and it seems severe weather events occur more frequently, increasing the workload in call centre. Through it all, there is no doubt the FVRD has a group of professionals manning our Fire Dispatch Center who will give up their personal time at a moment's notice to ensure that the residents of the Fraser Valley and the Regional District of North Okanagan receive professional 911 Fire Dispatch.

COMMENTS BY:

Barclay Pitkethly, Director of Regional Programs

Throughout the event, Fire Dispatch staff showed their dedication and commitment to their profession by keeping the residents of the Fraser Valley safe. It should also be noted other FVRD staff pitched in to assist in facilitating meal breaks and support. A real team effort was deployed to ensure the centre could run as smoothly as possible.

Mike Veenbaas, Director of Financial Services

No further financial comments.

Paul Gipps, Chief Administrative Officer

Staff has budgeted additional shifts for 2018 to help manage the volumes of calls that continue to rise. The additional shifts will begin by the end of January

To: Electoral Area Services Committee
From: Kristy Hodson, Manager of Financial Operations

Date: 2018-01-10
File No: 1550-001

Subject: Grant-In-Aid Summary Report - 2017

INTENT

This report is intended to advise the Electoral Area Services Committee of information pertaining to grant-in-aids that were issued in 2017. Staff are not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Support Healthy & Sustainable Community

BACKGROUND

The Fraser Valley regional District grant-in-aid program provides a framework whereby financial assistance can be provided to groups or individuals who provide services or a benefit to the community, or any aspect of the community.

DISCUSSION

In taking a look back throughout the year, there were a number of successful events/ projects that were funded through the FVRD's Grant-In-Aid program. Attached is a consolidated report of those who submitted follow up documentation.

Within the Grant-In-Aid Policy, there is a *Financial Accountability & Reporting* section and one item under that section is:

1. Grants over \$1,000 require follow up with the Fraser Valley Regional District upon completion of the capital project or event. Follow up should include a letter to FVRD regarding usage of

funds and their success, including pictures of the project/ event and any other supporting information.

Staff is having difficulty obtaining follow up documents from those who have been awarded grant-in-aids that fit this criteria. As you will see in the attached report, the majority of recipients have not reported back to the FVRD and have been contacted several times throughout the year (highlighted in yellow). The *Eligibility Criteria* section (d) of the Grant-In-Aid Policy notes that:

1. The applicant may be excluded from applying for a grant due to not meeting the reporting requirement for a previously provided grant.

We would like to work toward gaining full compliance for all grant-in-aids over \$1,000 as to prevent exclusion of future grant-in-aids for all applicants.

CONCLUSION

Under the Grant-In-Aid Policy, there were a number of grant-in-aids issued in 2017 that enhanced the communities affected.

COMMENTS BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. Staff struggle with the time and effort required to follow up with organizations on the financial reporting component and look to the Electoral Area Directors to help organizations understand this important requirement.

Paul Gipps, Chief Administrative Officer

Reviewed and Supported

FRASER VALLEY REGIONAL DISTRICT
Grants In Aid Overview - 2017
January 1, 2018

	Event Follow Up Reporting?		2017 Budget	Balance Remaining	Comments
Area A - Raymond					
Boston Bar North Bend May Days Committee	n/a	\$ 1,000	\$ 5,270		
		-			
		1,000		\$ 4,270	
Area B - Adamson					
Fraser Canyon Hospice Society	Yes	\$ 2,500	\$ 23,570		
Hope River Monsters Swim Club	Yes	4,000			
Hope & District Arts Council	No	2,000			
Coquihalla Elementary School PAC	No	2,000			
Spuzzum First Nation	No	2,000			
Sunshine Valley Volunteer Fire Department	No	2,500			
District of Hope Ratepayers Association	No	1,570			Went to EASC Nov 16
Royal Canadian Legion Branch 228	n/a	1,000			
Chawathil First Nation	No	2,500			Went to EASC Nov 16
Hope and District Figure Skating Club	No	1,500			Went to EASC Dec 12
Rotary Club of Hope	n/a	1,000			Went to EASC Dec 12
1789 The Royal Westminster Regiment Royal Canadian Army Cadet					
Corps Sponsoring Committee	n/a	1,000			Went to EASC Dec 12
		23,570		\$ -	
Area C - Niemi					
Tourism Harrison Mills	n/a	\$ 1,000	\$ 25,000		
Deroche Farmers Market	No	2,000			
Fraser Valley Bald Eagle Festival	Yes	2,000			
Hemlock Valley Homeowners Association	Yes	3,000			
Deroche Elementary School	No	2,500			Went to EASC Nov 16
Sts'ailes Community School	No	2,500			Went to EASC Nov 16
Lake Errock Community Association	No	3,000			Went to EASC Nov 16
Sts'ailes Christmas Committee	n/a	350			Went to EASC Nov 16
Deroche Elementary School PAC	No	2,000			Went to EASC Dec 12
Leqamel First Nation	n/a	350			Went to EASC Dec 12
Scenic 7 BC Co-operative Marketing Partnership	n/a	1,000			Went to EASC Dec 12
Eagle Point Community Association	No	2,000			Going to Board Dec 20
		21,700		\$ 3,300	
Area D - Dickey					
Popkum Volunteer Fire Department	n/a	\$ 500	\$ 5,000		
		-			
		500		\$ 4,500	
Area E - Engar					
Chilliwack Community Arts Council	n/a	\$ 200	\$ 9,600		
Chilliwack Fish and Game Club	Yes	5,000			
Chilliwack River Valley Ratepayers Association	n/a	900			
Chilliwack Vedder River Cleanup Society	Yes	1,100			
Chilliwack River Valley Fire Department	n/a	1,000			
		-			
		8,200		\$ 1,400	

	Follow Up Reporting?		2017 Budget	Balance Remaining	Comments
Area F - Boucher					
McConnell Creek Farmers Institute	No	\$ 5,000	\$ 16,000		
Fraser Valley Toy Run	n/a	1,000			
Hatzic Prairie Recreation Commission	No	5,000			Went to EASC Nov 16
Scenic 7 BC Co-operative Marketing Partnership	n/a	500			Went to EASC Dec 12
		11,500		\$ 4,500	
Area G - Stobbart					
Deroche Farmers Market	n/a	500	\$ 12,500		
Deroche Elementary School PAC	No	2,150			Went to EASC Dec 12
Deroche Elementary School PAC	No	3,000			Went to EASC Dec 12
Dewdney Elementary School PAC	No	3,000			Going to Board Dec 20
Dewdney Elementary School PAC	No	2,500			Going to Board Dec 20
		11,150		\$ 1,350	
Area H - Dixon					
Columbia Valley Ratepayers Association	Yes	\$ 5,000	\$ 20,400		
Cultus Lake Events & Activites Committee	Yes	4,000			
Cultus Lake Pike Minnow Derby	Yes	2,500			
Columbia Valley Volunteer Fire Department	n/a	1,000			
Cultus Lake Volunteer Fire Department	n/a	500			
		-			
		13,000		\$ 7,400	
Total		\$ 90,620	\$ 117,340	\$ 26,720	



Fraser Valley Regional District
c/o Financial Services
45950 Cheam Avenue
Chilliwack, BC V2P 1N6

July 21, 2017

Re: Grant in Aid for Cultus Lake Days

What a success! The 2017 Cultus Lake Days event started off with a fabulous parade which led into one of the biggest Markets ever hosted at Cultus Lake Park. The Children's area was hugely popular and the entertainment stage featured many local talented musicians. To cap it all off we had a stunning Fireworks display.

On behalf of the Community Events and Activities Committee and Cultus Lake Park Board, I want to extend a heart-felt thank you for FVRDs Grant in Aid contribution.

FVRDs generous contribution was recognized at the event in our entertainment areas during introductions, in our Thank You ad published in the Chilliwack Progress, on our Park Board Web site and on the Community Events and Activities Facebook page. See attached

The funding was used for entertainment components which were integral in making this event so successful. FVRD helped make our vision a reality by offsetting the cost of holding a free family day full of fun activities. Cultus Lake Days is a longstanding cornerstone event that builds community spirit engages dozens of volunteers and is enjoyed by residents and visitors alike.

As we look forward to continuing tradition and engaging our community with creative successful events, please know that partnerships with our sponsors are vital to our success. You are truly appreciated.

Thanks again.

Sincerely,

Rose Turcasso
Commissioner
Cultus Lake Park Board

encl

Thank You for supporting Cultus Lake Days!

On behalf of everyone at Cultus Lake Park, a sincere thank you to all the sponsors, contributors and organizers, for making the Cultus Lake Day's event a success.

The day was full of free family fun, activities and entertainment - we couldn't have done it without you!

- Baker Newby
- Cheam Leisure Centre
- Chilliwack and District Real Estate Board
- Chilliwack Ford
- Chilliwack Progress
- Chilliwack Towing
- Cottonwood Veterinary Clinic
- Cultus Lake Fire Department
- Cultus Lake Golf Course
- Cultus Lake Marina
- Cultus Lake Water Park
- Envision Financial
- Fraser Valley Regional District
- Gidney Signs
- Jack's Cycle
- Mr. Pets
- Mt. Waddington's
- McDonalds
- O'Connor Chrysler
- RCMP Summer Patrol
- Sardis Animal Hospital
- Save On Foods, Garrison
- Star 98.3 & Country 107.1
- Stickey's Candy Garrison
- Subway, Garrison
- Tourism Chilliwack
- Whistler Brewing Company
- Valley Veterinary Services
- Vedder Mountain Veterinary Clinic
- Cultus Lake Community Events & Activities Committee
- All the amazing participants and volunteers!



Cultus Lake Pikeminnow Fishing Derby

August 10, 2017

To: Taryn Dixon, Director FVRD Area H,
Cc: Mike Veenbaas, Director of Financial Services, FVRD
From: Lions Cultus Lake Pike Minnow Derby
Re: Report on the \$2,500 Grant in Aid to the 2017 Pike Minnow Derby

Dear Ms. Dixon,

As you are aware, the Cultus Lake Sockeye Recovery Program was initiated in 2000 and efforts to restore this unique stock of salmon continue today. The Pike Minnow Derby aids the recovery of the Cultus Lake sockeye population by modifying factors affecting their survival in freshwater as studies indicate 70% of juvenile sockeye predation is by pike minnow. The derby also provides invaluable information to lake residents of the ecosystem and the best practices which will ensure long-term viability of the lake environment and the Cultus Lake sockeye!

The derby was originally put in motion with the efforts of the Cultus Lake Park Board and Cultus Lake Aquatic Stewards Society and operated successfully for many years. Following a year's hiatus, five Eastern Fraser Valley Lions Clubs successfully reinstated the derby in 2016 as a Lions Clubs Service Project using the substantial volunteer resources at their disposal.



In 2017, we again partnered with several funding partners which included the Fraser River Salmon Table (\$5,000), Fisheries and Oceans Canada (\$1,000), BC's Family Fishing Weekend (\$300), and of course, Area H of the FVRD with a \$2,500 Grant in Aid.



Local prize sponsors of the event this year included Blue Moose Coffee House – Hope, Bicycle Bill – Chilliwack, Bozzini's Restaurant – Chilliwack, Brenner Automotive – Hope, Cabelas- Abbotsford, Canyon Shell – Hope, Carls Jr. Restaurant- Chilliwack, Cats Meow Toy Store – Hope, EZE Rental Centre – Chilliwack, Fountain Tire – Chilliwack, Harley-Davidson – Chilliwack, Hope Mobil 1 Quick Lube and Car Wash, Hope Outdoors, Hope Visitor Center, Jack's Cycle – Chilliwack, Ken's Tire & Wheel – Chilliwack, Little Beetle Bistro – Chilliwack, Lordco – Chilliwack, Lordco – Hope, Martin's Automotive – Chilliwack, O'Connor RV – Chilliwack, SportChek – Chilliwack, Tommy Gun's Barbershop – Chilliwack, White Spot – Chilliwack.

Weigh in equipment was generously provided by Chilliwack River Hatchery, Inch Creek Hatchery in Dewdney and Chehalis River Hatchery in Harrison Mills. The PA system was provided by Hatzic Prairie Community Hall, Barbeques and Grills were loaned from the North Fraser Fire Dept.



Cabelas, CLASS, DFO, Fraser Basin Council, Cultus Lake Parks Board, St. Johns Ambulance, Scouts Canada and others graciously assisted during the day and/or had displays on hand to inform the public. All donors and corporate sponsors have been publicly thanked in a newspaper ad in the Chilliwack Progress and on our website (www.cultusderby.ca).

The 2017 derby attracted nearly 300 anglers with 298 fish caught by kids and 438 fish caught by adults with \$2,400 in cash prizes evenly split between the two groups.



As Lions, we strive to serve for the betterment of our communities and it took more than 1,000 hours of volunteer time to ensure a successful derby. This is an area-wide event of some significance and we thank you and the FVRD for the financial support in each of the past two years which has helped to make the derby a reality and a fun family day for so many!



Again, we thank you for your support and ask you to mark June 16, 2018 in your planner and come fishing once again!

Sincerely,

Robert Prins
President,
Lions Cultus Lake Pike Minnow Derby

Fraser Valley Bald Eagle Festival



22nd Annual Festival Nov 18/19, 2017

*"To celebrate the beauty & biodiversity of
the Fraser River Valley by honouring the
majestic Bald Eagle & the Cycle of the
Salmon."*



**c/o Mission Chamber of Commerce
34033 Lougheed Hwy Mission BC
V2V 5X8**

2017 Report from the Fraser Valley Bald Eagle Festival Society (FVBEFS)

The 2017 Fraser Valley Bald Eagle Festival saw a beautiful Saturday which also brought out record numbers of visitors. Close to 2500 spectators visited the sites, the same number that ventured out during both days in 2016. Sunday saw closer to 1000 participants due to the deluge of rain that continued all day. The highlight, of course, was that there were over 2000 eagles in the area which is a large number of birds for that early in the season.

There was a couple of big changes for the Festival this year as we made a conscious decision to return the exhibitors fair to Harrison Mills Hall after many years of a request from the NGO's and other like-minded organizations to be closer to where all of the eagles (and people) were. This meant downsizing the # of vendors in the hall as the physical location was quite a bit smaller. The vendors were given a choice of being at Tapadera Estates or Kilby Historic Site. The numbers of visitors to the exhibitors greatly improved thanks to this simple change.

The second change was in the way we communicated the activities and festival schedule to the public. For many years we produced thousands of multi-page booklets and handed them out before and during the festival. Each year the cost of the program increased and fewer people wanted to have so much paper in hand. This year the Society opted to create two-sided tear-map which was a huge success and the people that picked it up loved the change.

The FVBEFS continues to promote the "Season of the Eagles" which attracts visitors to the Region before and after the Festival. Destination B.C. promoted the event once again and this year brought out inbound tour operators from the Canada West Market Place to experience the Eagles of the Fraser Valley. This single promotion could bring many more people out year after year to enjoy the incredible natural wonders of the area.

The annual children's colouring contest was sent out to the elementary schools in Mission in early November. The colouring page was available for download from the FVBEF website and at the Exhibitors Hall on the festival weekend. This year there were 47 entries.

The Festival would like to recognize and thank the Fraser Valley Regional District, Mission Community Foundations, Department of Fisheries & Oceans, Inch Creek Hatchery, Nature Trust of BC, Kilby Historic Site, Tapadera Estates, Pretty Estates Resort, Eagle Point Community, River's Reach, Fraser River Safari Eco Tours, Hancock Wildlife Foundations, O.W.L., Tourism Harrison, Conroy & Co, FVRD, Celestron and Destination BC. Media Sponsors include the Mission City Record, Agassiz Observer, Shaw Media, and What's On Magazine.

Respectfully, Jo-Anne Chadwick on behalf of the Fraser Valley Bald Eagle Festival Society

2017 Report from the Fraser Valley Bald Eagle Festival Society (FVBEFS)

Financials (a detailed financial report was sent with the 2017 Grant in Aid application)

2017 FVBEF operating costs were approximately **\$11,000.00.**

The Fraser Valley Regional District Financial Contribution and Distribution

Total received: **\$2000**

FVRD Community Grant

Signage Costs	\$250.00
First Aid Attendants	\$500.00
Rental of Porta Potties	\$504.00
Souvenir Items for resale	\$400.00
<u>Branded items to give-away</u>	<u>\$350.00</u>
Sub Total	\$2004.00

Promotional material that highlights the FVRD

Thank you to the Festival Sponsors



Fisheries and Oceans
Canada
Pêches et Océans
Canada



FraserValleyBaldEagleFestival.ca



Agassiz Observer
Adcentives
Celestron
Conroy & Company
David Hancock
Deroche Lions
District of Mission
Ducks Unlimited
Eagle Point Community Park
Fisheries & Oceans Canada
Fraser Valley Regional District
Fraser River Safari
Fraser Salmon Watershed Program

Gord Gadsden
Hancock Wildlife Foundation
Harrison Hot Springs Resort
Harrison Tourism
Inch Creek Hatchery
Kilby Historic Site
Leq'a:mel First Nations
Matt Foy
Mel Waardenberg
Mission City Record
Mission Regional Chamber of Commerce
Mission Municipal Tree Forest
Mission on the Fraser

O.W.L.
River's Reach Community
Robert Schaefer- DFO
Ross Davies
Sasquatch Inn
Sasquatch Crossing Eco Lodge
Sandpiper Golf Resort
Stave Valley Salmonid Enhancement Society
Star FM 98.3
Sts'ailes (First Nation)
Tapadera Estates
Thinksite.ca
Tom Higgins



2017 Report from the Fraser Valley Bald Eagle Festival Society (FVBEFS)

Photos from the event



Online Presence

www.fraservalleybaldeaglefestival.ca

[www.twitter.com/eaglefestival](https://twitter.com/eaglefestival)

www.facebook.com/fvbef

Mark your calendars for 2018
The 23rd Annual Fraser Valley Bald Eagle Festival Nov 17/18, 2017

Camp Skylark 2017

Survey Results

Ken Hurley
Camp Director
October 10, 2017

Preamble

Camp Skylark is made possible by the generous support of the community of Hope. This year we saw the following organizations donate funds in support of Camp Skylark, Envision First West Foundation/Envision Financial, Fraser Valley Regional District, Emil Anderson (Construction & Maintenance Companies), Nestle Waters, District of Hope, Lions International – Hope BC, Cloverdale Paint, Canyon Carpets, Eagles FOE #2690, Eagles FOE #2690 Ladies Auxiliary, Royal Canadian Legion Branch #228, McDonalds – Hope BC, Beta Sigma Phi fraternity, Hope Foresters Holding Society, Hope Golden Ages Society, Ruth Hurley, including, parents of children who have attended in past, and the many individuals who supported Hospice events throughout the year.

I must not forget that for every year I have been Director, Ted Soucie of Hope-Sicle has donated his time, product and good nature to come to Camp on the Saturday and distribute his ice cream treats to all the campers and volunteers alike. We are truly appreciative of his commitment. Thank you Ted you are an outstanding example of selfless community giving to this worthy cause.

This Camp is unique amongst Grief & Bereavement Camps and would not be possible without the support of our many volunteers, both new and long-time, who give up their weekend in order to fill the many roles necessary to make Camp Skylark run smoothly and safely.

This the 13th annual Camp Skylark Bereavement Camp, facilitated through the Fraser Canyon Hospice Society. held September 15th -17th, 2017.

Directors Note:

As this was my fourth year at Camp Skylark , from past year lessons, I tried to build several changes into the program learned from 2016 to give more downtime and create a more relaxed environment. While some of these changes worked effectively we were somewhat challenged due to late changes to our human resources this year.

There were a lot of positives to remark on, our new Music Therapist exceeded all expectations, the Interpretive Nature program was a hit, the Music Video was awesome, the campers loved the Paper Airplanes, great participation at Meal Time activities, and the breaks built into the programming did seem to give some respite to volunteers.

Finally, I must say I am really pleased with the way this group of Volunteers responded to the challenges they faced. The feedback we have received from the post camp briefing and survey responses will serve to help make this an even better camp next year. Thanks to one and all for volunteering at Camp Skylark 2017.

Camp Skylark – *Building memories and hope in our hearts*

Camp Director 2017 – Ken Hurley – Director

From: [Mike Veenbaas](#)
To: [Kristy Hodson](#)
Subject: FW: FVRD Grant in Aid to Columbia Valley Ratepayers Association
Date: Thursday, December 07, 2017 12:34:14 PM
Attachments: [Columbia Valley Kitchen.docx](#)

FYI

From: Don Myrol [mailto:myrol@telus.net]
Sent: December 7, 2017 12:27 PM
To: Mike Veenbaas; Taryn Dixon
Subject: Re: FVRD Grant in Aid to Columbia Valley Ratepayers Association

Hi Mike

Sorry this took so long. The whole thing wasn't finalized until well into September. Everything looks and works great. i've enclosed a cost breakdown and a couple of photos to give you an idea of before and after. If you need anything else let me know. Thanks again to you, Taryn and the Regional District for the grant money, without it it would have been one band-aid solution after the other. Now we have an up to date kitchen facility for our functions, emergency facilities as well as an aid to hall rentals.

On May 9, 2017, at 3:46 PM, Mike Veenbaas <mveenbaas@fvr.ca> wrote:

Hi Don,

The attached information sheet should have been provided to you along with the second \$5,000 grant from Electoral Area H for the Columbia Valley Ratepayers Association. Essentially, this document just confirms the Association's requirements to report back to FVRD upon completion of the renovation project with a letter and pictures showing how the funding was used, along with recognizing the funding from FVRD.

If you have any questions regarding this, please let me know!

Thanks,
Mike



Mike Veenbaas, CPA, CMA

Director of Financial Services

From: [Blancsanglier](#)
To: [Kristy Hodson](#)
Subject: Electoral Area Grant-In-Aid Policy - let us know how it went!!
Date: Wednesday, December 20, 2017 11:06:20 AM
Attachments: [image001.png](#)

Dear Board,

Thank you for the opportunity to officially thank the FVRD for their assistance with our renovation project and of course thanks to Orion Engar for guiding us along the path.

Our renovation will not be complete by your deadline we are only a quarter way into it.

We are working on our hall, kitchen and bathrooms .We have removed asbestos from the building, stripped the walls , the bathrooms and the kitchen. We have a couple of other structural issues to deal with and then we will be ready for construction.

When finished the hall will be more spacious, energy efficient and will better serve the needs of our members and the residents of the Chilliwack River Valley where our clubhouse has been the de-facto community hall for some time. This was formalized by our agreement with the FVRD in March of 2017.

I will update you as we progress towards completion and will send a report to you on completion.

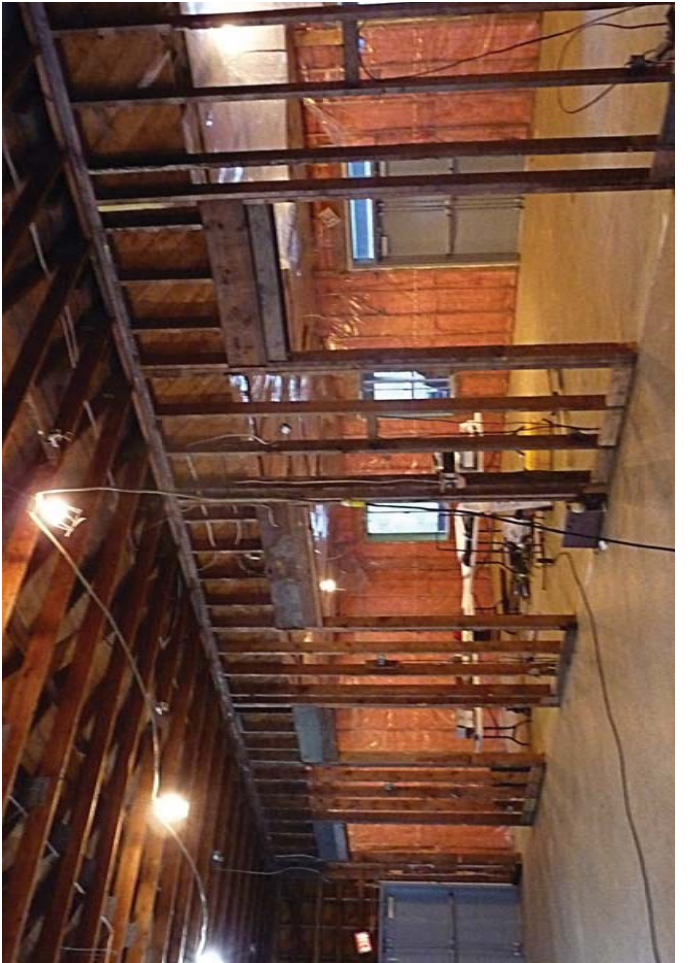
Please see attached photos of our progress so far.

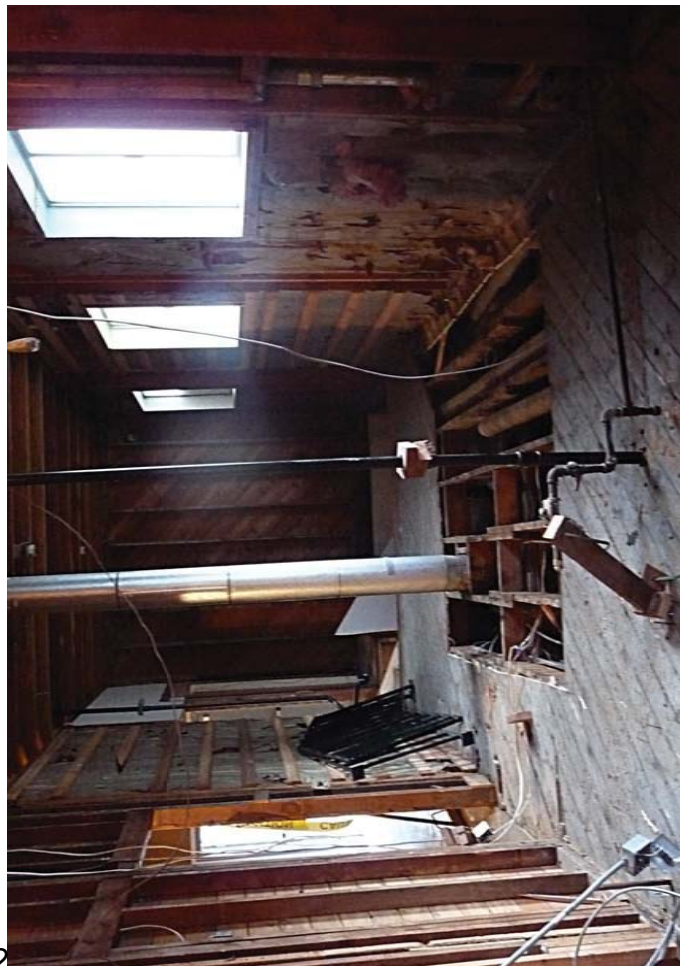
Yours truly,

*Nicholas Bolton
(President CF&GPA)*















RiverMonsters Swim Club 2017 Fraser Valley Regional District Grant in Aid Report

The RiverMonster Swim Club has been in operation since Jan. 31, 2016. The Club has been striving to bring a healthy, safe and enjoyable competitive sport for youth 6 -18 back to Hope and the Fraser Valley Regional District Areas served by the Dan Sharrers Aquatic Centre.

In the first year of operation the Club was struggling financially, the Grant in Aid amount of \$1500 put in credit for lane rental fees for Winterfit and BC Summer Swim Competitive training. The aid has enabled the Club, with volunteer coaches, to survive the first year and develop a Club that has a growing reputation for success. This year RiverMonster, Violette Freimark placed 18th in Butterfly at the BCSSA Provincial Championship in Kamloops.

RiverMonsters Swim Club First Annual Swim Meet. Saturday 198 competitors and Sunday 210. There were approximately 25 units camping and many families staying in local hotels. People were impressed with the facilities, location and view from the camping area and many have stated they will camp next year. There has been interest in the 2018 being an Inter- region meet inviting Clubs from the Okanagan.

The BCSSA was amazed and asked Shanon Fischer of Pixel Mountain Studios to take a group shot to commemorate having a swim meet in Hope once again after a 12 year absence.

Support from the community was amazing. The cost for the entire meet was approximately \$8,500. Without the support of the Recreational, Cultural and Airpark Services Commission and the FVRD the RMSC could not have hosted the meet.

It was fabulous to have the backing of MP Mark Strahl, the District of Hope, the FVRD and the Recreation Commission. The value of a swim club in the community is recognized and encouraged.

Shannon Fischer of Pixel Mountain Studios donated her time to be on site both days of the meet to photograph the historic first annual Hope RM Swim Meet.

There are several categories of swimmers The RMCS largest numbers are girls 7-18.

Former Hope Otter and Assistant Coach Anna-Lise Cook is participating in the FINA World Championships in Budapest in August.

The swim meet was held at the Dan Sharrers Aquatic Centre. Mrs. Sharrers and Mrs Hazel attended the meet on Sunday. Mrs. Sharrers was brought to tears that the RMSC is not only striving to bring a swim team back to the community but is honouring her late husband's legacy. Dan Sharrers was a founding member of the Hope Otters, a Director of the BCSSA for more than a decade, a valued coach and a community inspiration. The RMSC would like to bring to the forefront the legacy of the amazing coaches and swimmers from Hope.

Olympian Brent Hayden attended the meet Sunday causing a stampede in the parking lot! Swimmers and families were excited to meet Mr. Hayden and get an autograph. Brent has an remarkable career and it was an honour to have him attend and support the team. Brent's favourite meet was Hope. Many people reminisce that Hope was the favourite meet of the season. Brent has loaned the RMSC his favourite trophy won in Hope when he was child.

Swimming has been proven to increase health, focus, mental well being; all items targeted by Fraser Health as issues in our community. Swimming is a full mind and body workout. Solid bonds and close friendships are being built.

Our swimmers progress is amazing.

There are 10 swimmers on the team, 4 from Area B. The Club is striving to increase membership. The indigenous sport, physical activity and

recreational council attended the meet and is working together with the RMSC to encourage aboriginal participation.

The RMS team is looking forward to your support for the 2018 swim meet and to work together to improve the facilities for a swim club and the entire community.

\$2500

The Capital Grant expenses required for the Club to host the first meet were: a computer, extension cords, rubber carpets, buckets to hold materials, signage, office supplies like clip boards, binders, ropes, stop watches, and banners.

These items were required to enable the host to be held and can be used in subsequent years. The items have all been labelled RMSC and are stowed in the purchased buckets for future use.

\$1500

Held in credit at the Hope and District Recreational Centre for use towards lane rental fees at the Dan Sharrers Aquatic Centre.

The FVRD logo was added to all banners, select signage, brochures, posters and parent handouts.

Thank you again for helping our little Club make big splashes!





January 2, 2018

Fraser Valley Regional District

45950 Cheam Ave,

Chilliwack, BC V2P 1N6

Attention Kristy Hodson

Dear Kristy:

RE: Hemlock Valley Homeowners Association

Grant-In-Aid \$3000 September 2017

On behalf of the Hemlock Valley Home Owners Association (HVHA) I would like to take this opportunity to thank you for the Grant-In-Aid we received in September 2017.

HVHA represents all recreational, residential, home and property owners in the community of Hemlock Valley. As you are aware the Province has approved major expansion plans at the now known, Sasquatch Mountain Resort. The HVHA Executive is aware of the importance to collaborate with the community so that they always feel that they continue to be part of this growing community. We are working hard to serve the community and to ensure we secure improvements in the interest of all parties.

As such, we have several Community events/projects (ex. annual AGM followed with a community BBQ, Seasonal Fireworks Celebrations, our new Retro Ski day, Family Day events, Annual Spring Clean Up, Night Snow Shoe Hikes, snow sculpting event,) planned throughout the year which will encourage family participation and continue to increase community awareness.

At our Executive meeting the board determined how we will spend the funds during the next 12 months which will ensure families stay engaged and provide fun activities for all ages within a family unit. Below is a recap of our planned events along with our current expenditures. As you can see we still have many events which will take place during the ski season at Sasquatch Mountain Resort. All funds will be used by the latest of summer 2018.

If you have any additional questions please let me know.

Again, thank you for the approval of our Grant Request.

Sincerely

Erna Brkich

Treasurer, Hemlock Valley Homeowners Association

BUDGET AND TO DATE EXPENDITURES:

Grant 2018 Authorized Expenses			
Grant Budget		\$3,000	
Events		Funds Paid	Date Paid
New Year's Eve			
Fireworks Celebration	500	500	Dec 26 2017
Hemlock Valley			
Fireman's Casino/Silent			
Auction Event	300		
Hemlock Valley Ski			
Teams Annual			
Valentines Dance/Silent			
Auction	300		
Agm /BBQ (Food and			
Event Prep)	350		
New BBQ for HVHA			
Community Events	600		
New Tables for HVHA			
Community Events	200		
Deroche Elementary			
School Meal Program	184		
Event Prizes			
Snow Sculpture	100		
Retro Ski Day	100		
Dummy Race	200		
Tube Grab it	100		
Nancy Green Race	100		
Total	3034	500	
Funds Remaining		\$2,500	

To: Electoral Area Services Committee

Date: 2018-01-10

From: Tareq Islam, Director of Engineering and Community Services

File No: 2320-22

Subject: Cultus Lake Sewer System Upgrade and Expansion

INTENT

This report is intended to advise the Electoral Area Services Committee on information pertaining to Cultus Lake Sewer System Upgrade and Expansion. Staff is not looking for a recommendation and has forwarded this information should members want more clarification to discuss the item further.

STRATEGIC AREA(S) OF FOCUS

Support Environmental Stewardship

Support Healthy & Sustainable Community

Provide Responsive & Effective Public Services

PRIORITIES

Priority #1 Waste Management

Priority #2 Air & Water Quality

BACKGROUND

The Cultus Lake Park is served by two sewage collection systems under a single Ministry of Environment Permit. The sewer system is comprised of septic tanks and disposal fields. The system was constructed in 1979 and it was operated by the Cultus Lake Park Board until 2014 and since then FVRD has taken over the operation and maintenance of the sewer system.

The existing sewer systems do not have any treatment of the effluent and there is evidence to suggest that the system infrastructure has not been maintained to the industry standard for many years. Flow monitoring reports and septic sludge haul-out records appear to show that for the given period, the FVRD has been compliant with the Ministry of Environment Permit. However, previous reports have documented the risks associated with contamination of the nearby groundwater wells and the challenges in servicing growth. The accumulation of nutrients (e.g., phosphorus and nitrate levels) in the groundwater is a key concern as is bacteriological impact such as E-coli contamination of the lake water.

In order to address these concerns the existing system is need of a major upgrade. In 2015 FVRD initiated a Liquid Waste Management Plan (LWMP) which is a provincially regulated process. The LWMP included several public consultation processes and evaluated an upgrade based on criteria such as holistic approach to sanitary management including lake impact assessment and monitoring program as well as aquifer protection plan. The LWMP requires that any future upgrade or any new system would be a Class A+ system (the highest classification under Provincial regulation is Class A), the plus (+) is to represent removal of phosphorus and higher level nitrates.

DISCUSSION

FVRD have been working with the Cultus Lake Park Board on the sewer system upgrade and expansion plan. The existing system does not include Mountain View Road and Park Drive subdivisions. The proposed new sewer system would include these communities. In addition the Sunnyside Campground would be also connected to the future sewer system. FVRD has been working with the Parks Board on the location of the plant and system expansion. The following Figure 1 show the location of existing and future systems/plants.

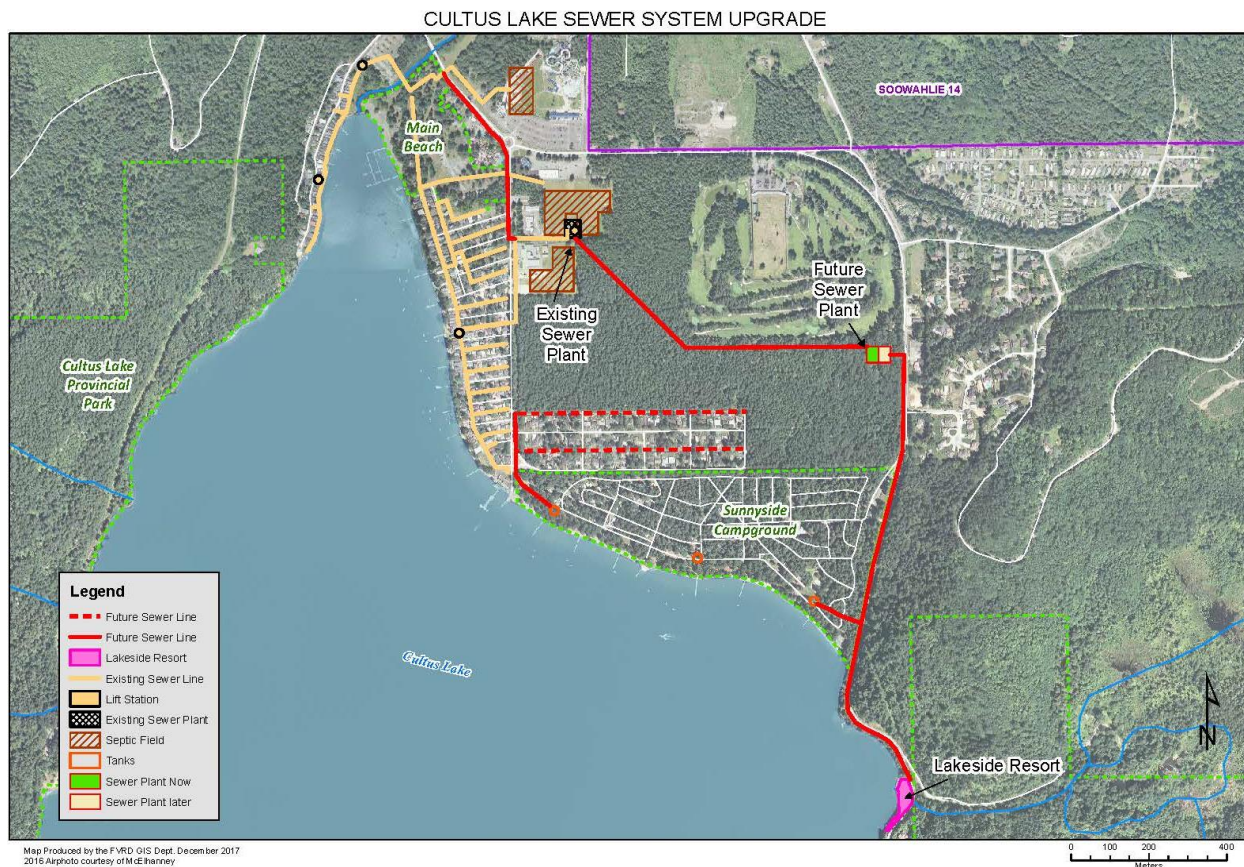


Figure 1: Existing and Future Sewer System Locations

The capital cost of the project would be approximately \$6.5 million for the plant upgrade and approximately \$1.0 million for the Mountain View Road and Park Drive subdivisions collection system infrastructure.

Staff has already initiated a site assessment and predesign study. Based on the LWMP, this plant would be expandable to include users outside Park boundary to include surrounding communities and BC Parks.

To complete this process, staff would need to bring several bylaws to the Board in the near future that includes service area amendment, expansion, and loan authorization bylaws. Staff will be holding a public information meeting on January 18th to inform and consult with residential and commercial lease holders, and residents of the Park. Following the public engagement process Staff will be conducting a petition process as well as a referendum in order to attain the necessary assent. Staff are hoping to bring forward further information relating recommendations in form of report and bylaws to the Board directly this month in order to meet the end of March deadline

COST

No cost to FVRD at this time

CONCLUSION

The proposed upgrade and expansion of the existing system would bring tremendous environmental and health benefit to the community. This initiative is highly supported by regulatory bodies including the Ministry of Environment and Ministry of Health and the surrounding First Nations. Reduction of environmental and other liability of the expiring existing system is also very much in consideration.

COMMENT BY:

Mike Veenbaas, Director of Financial Services

Reviewed and supported. All costs associated with the upgrade and expansion will be allocated to those properties included in the service with debt proceeds proposed to be borrowed over a 20 year term.

COMMENT BY:

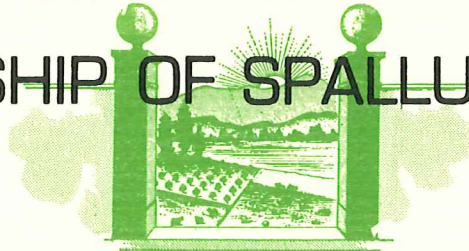
Paul Gipps, Chief Administrative Officer

Reviewed and supported

THE CORPORATION OF THE
TOWNSHIP OF SPALLUMCHEEN

TEL. (250) 546-3013
FAX. (250) 546-8878

OUR FILE NO.



www.spallumcheentwp.bc.ca

4144 Spallumcheen Way
Spallumcheen, B.C. V0E 1B6

Email: mayor@spallumcheentwp.bc.ca

OFFICE OF THE MAYOR

December 19th, 2017

Honorable George Heyman
Minister of Environment and Climate Change Strategy
PO Box 9047 Stn Prov Govt
Rm 112, Parliament Buildings
Victoria, BC V8W 9E2

Re: Prevention of Quagga and Zebra Mussels

Dear Minister Heyman,

On behalf of the Township of Spallumcheen, I would like to express my concern about the threat of Quagga and Zebra mussels. In September of 2017 Sicamous submitted a resolution at UBCM that was endorsed requesting more funding from the Provincial Government to increase awareness and education regarding the treat of Quagga and Zebra mussels in BC lakes.

The effects to all BC lakes would be devastating:

- Zebra and Quagga mussels filter water to the point where food sources such as plankton are removed, altering food webs. This also causes clearer water, allowing sunlight to penetrate deeper, increasing growth of aquatic vegetation. Once mussel can produce one million mussels per year.
- Impact on fish and wildlife by increasing toxic algal blooms.
- Large colonies affect spawning areas, impacting the survival of fish eggs.
- Affects recreational activities by cutting swimmers feet as a result of their sharp shell.
- Non-reversible once infested with mussels, all BC lakes will be contaminated and there is currently no solution to destroy the mussels.
- Cost to BC government, taxpayers, and businesses will be billions if mussels get into our ecosystem.
- Ecosystem compromised, water intakes plugged, fish destroyed, beaches destroyed.
- No long-term research provided on drinking water quality.
- Negative impact to tourism.

Solutions:

- Guard the borders – cost BC millions to guard the borders 24/7, 365 days per year to prevent infestation or boat border crossing hours.
- Proper training of our border patrol members – this is a serious issue, they must collect the correct information from boaters (of all kinds such as zodiacs, blow up paddle boards, etc.).
- More conservation officers, with more authority.

- More docks.
- This is no longer a campaign, it should now be a department of the government with funding to continue prevention.
- This is no longer a provincial problem, it is a federal problem, lakes that are contaminated in Canada should not be allowed to let boats leave without inspection to prevent contaminating other lakes.
- Transport Canada should prevent float planes from hopping provinces and states.
- Education – major media campaign announcing BC's commitment to keeping our waters pristine (TV, billboards, newspapers, social media).
- All Municipalities and Regional Districts should run a banner on their website home pages- "British Columbia is committed to keeping their lakes Quagga and Zebra mussel free. Please respect our lakes and border crossing patrols. STOP at the boat inspection stations." This should have a link to a website explaining the seriousness of this issue and explain fines for breaking the law by transporting invasive species.
- All BC tourism sites should also announce and run the banner on their sites. Tourism will stay healthy if BC lakes stay healthy.
- Boaters' registration, should increase education.
- Immediate allocations of funds dedicated to research to enable BC biologists to work on a solution with Manitoba and the US studies research groups. Let's work on removing them together.
- Collaborate with infested US bordering lakes on research and prevention of cross contamination.
- Collaborate with Alberta and Saskatchewan to stay mussel free.

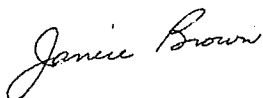
Funding:

BC Government will find the funds (billions) if we lose the battle against mussels, as we'll need to manage the problem. This is how we can help fund the prevention now (millions):

- Out of province user pay at all BC boat ramps.
- Lake passes for BC boaters.
- All fines are allocated back to the program.
- Boat registration increase some funding back to project.

Thank you for your consideration of this issue.

Respectfully,



Janice Brown
Mayor

Cc: Mark Zacharias, Deputy Minister of Environment
Wendy Booth, UBCM President

December 19, 2017

FILE: 1-1-4

Honourable George Heyman
Minister of Environment and Climate Change Strategy
Via E-mail: ENV.Minister@gov.bc.ca
PO Box 9047 Stn Prov Govt
Rm 112, Parliament Buildings
Victoria, BC V8W9E2

Dear Honourable Heyman,

Re: Prevention of Quagga and Zebra Mussels

On behalf of the City of Dawson Creek, I write to express our concern about the threat of Quagga and Zebra mussels. Sicamous submitted a resolution at UBCM that was endorsed requesting more funding from the Provincial Government to increase awareness and Education for the threat of Quagga and Zebra mussels into BC Lakes.

The effects to ALL BC Lakes would be devastating:

- Zebra and quagga mussels filter water to the point where food sources such as plankton are removed, altering food webs. This also causes clearer water, allowing sunlight to penetrate deeper, increasing growth of aquatic vegetation. One mussel can produce one million mussels per year.
- Impact fish and wildlife by increasing toxic algal blooms.
- Large colonies affect spawning areas, impacting the survival of fish eggs.
- Affects recreational activities by cutting swimmers feet as a result of their sharp shell
- Non-reversible once infested with mussels, all BC Lakes will be contaminated and there is currently no solution to destroy them.
- Cost to British Columbia will be Billions, to government, taxpayers and businesses if mussels manage to get into our eco-system
- Eco-system compromised, water intakes plugged, fish destroyed, beaches destroyed
- No long-term research provided on drinking water quality
- Negative tourism impact

Thank you for your consideration of this issue.

Regards,

A handwritten signature in black ink, appearing to be 'Dale Bumstead', enclosed within a circular scribble or stamp.

Dale Bumstead
Mayor

Cc: Mark Zarcharias, Deputy Minister (via email: DM.ENV@gov.bc.ca)
Wendy Booth, UBCM President (via email: wndbooth@gmail.com)
UBCM Members (via emails)



City of Parksville
Office of the Mayor

December 19, 2017

The Honourable George Heyman
Minister of Environment and Climate Change Strategy
PO Box 9047 Stn Prov Govt
Victoria, BC V8W 9E2

Dear Minister Heyman:

RE: Prevention of Quagga and Zebra Mussels

At the December 18, 2017, regular meeting, Parksville City Council passed a resolution to express concern regarding the threat that quagga and zebra mussels pose to BC lakes.

The District of Sicamous submitted a resolution at UBCM that was endorsed requesting more funding from the provincial government to increase awareness and education regarding this issue. Quagga and zebra mussels are highly invasive; only one mussel can produce one million mussels per year. Should BC become infested with these mussels, the impact will not ever be reversible. All BC lakes would be contaminated and there is currently no solution to destroy the mussel population.

It is our belief that the effects of these mussels would be devastating to BC freshwater eco-systems. Zebra and quagga mussels filter water to the point where food sources such as plankton are removed, altering food webs. This also causes clearer water, allowing sunlight to penetrate deeper, increasing growth of aquatic vegetation. Toxic algal blooms may negatively impact native fish and wildlife. Large mussel colonies affect spawning areas, impacting the survival of fish eggs.

With the eco-system compromised, beaches will be destroyed. Water intakes may become clogged with mussel colonies and there is no research on how these mussel populations may affect water quality. Recreational users may no longer wish to access lakes due to the environmental changes, which would negatively impact the vital tourism industry in BC. The cost to British Columbia government, taxpayers and businesses will be billions if these mussels manage to infiltrate our eco-system.

.../2

Fortunately, there is still time to prevent this disaster. The District of Sicamous submitted a comprehensive list of preventative measures to keep these mussels out of BC waterways, including stricter border patrols, increased conservation staffing, inter-governmental collaboration and improved boater education. It is our hope that the Government of BC will heed this warning and implement some of these suggestions before it is too late.

Yours truly,



MARC LEFEBVRE

Mayor

Cc: Council Members
Mark Zarcharias, Deputy Minister (via email: DM.ENV@gov.bc.ca)
Wendy Booth, UBCM President (via email: wndbooth@gmail.com)
UBCM Members (via email)



Jonathan X. Côté
Mayor

January 17, 2018

The Honourable George Heyman
Minister of Environment and Climate Change Strategy
PO Box 9047 Stn Prov Govt
Victoria, BC V8W 9E2

Dear Minister Heyman,

Re: Prevention of Quagga and Zebra Mussels

At a meeting on Monday, January 8, 2018 New Westminster City Council passed the following resolution:

THAT Council endorse the concerns expressed by the District of Sicamous regarding the threat of Quagga and Zebra mussels; and

THAT a letter of support be sent to the Minister of Environment and Climate Change Strategy with copies to the Deputy Minister, the President of the UBCM, and UBCM members (via email).

At the 2017 UBCM Annual Convention, the District of Sicamous submitted the following resolution, which was endorsed by the UBCM:

Whereas British Columbia's lakes generate international tourism business totaling millions of dollars each and every year;

And whereas the Zebra and Quagga mussel infestation poses a serious threat to the economic welfare of British Columbia's tourism industry:

Therefore be it resolved that the provincial government provide increased educational funding and increased monitoring efforts to combat the invasive mussel infestation threatening the pristine lakes of British Columbia's tourism areas.

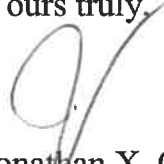
The resolution requests more funding from the provincial government to increase awareness and education regarding this issue. Quagga and zebra mussels are highly invasive; only one mussel can produce one million mussels per year. Should BC become infested with these mussels, the impact will not ever be reversible. All BC lakes would be contaminated and there is currently no solution to destroy the mussel population.

It is our belief that the effects of these mussels would be devastating to BC freshwater eco-systems. Zebra and quagga mussels filter water to the point where food sources such as plankton are removed, altering food webs. This also causes clearer water, allowing sunlight to penetrate deeper, increasing growth of aquatic vegetation. Toxic algal blooms may negatively impact native fish and wildlife. Large mussel colonies affect spawning areas, impacting the survival of fish eggs.

With the eco-system compromised, beaches will be destroyed. Water intakes may become clogged with mussel colonies and there is no research on how these mussel populations may affect water quality. Recreational users may no longer wish to access lakes due to the environmental changes, which would negatively impact the vital tourism industry in BC. The cost to British Columbia government, taxpayers and businesses will be billions if these mussels manage to infiltrate our ecosystem.

Fortunately, there is still time to prevent this disaster. The District of Sicamous submitted a comprehensive list of preventative measure to keep these mussels out of BC waterways, including stricter border patrols, increased conservation staffing, inter-governmental collaboration and improved boater education. It is our hope that the Government of BC will heed this warning and implement some of these suggestions before it is too late.

Yours truly,



Jonathan X. Côté
Mayor

Cc: Mark Zacharias, Deputy Minister (via email: DM.ENV@gov.bc.ca)
Wendy Booth, UBCM President (via email: wndbooth@gmail.com)
District of Sicamous (via email)
UBCM members (via email)

January 16, 2018

The Honourable Selina Robinson
Minister of Municipal Affairs and Housing
Parliament Buildings
Victoria, B.C. V8V 1X4

Dear Minister Robinson:

RE: Cannabis Sales Revenue Sharing

A letter dated March 16, 2017 (copy attached) was sent from the Union of B.C. Municipalities (UBCM) to The Honourable Suzanne Anton, Minister of Justice and Attorney General, in regards to concerns related to the legalization of marijuana in Canada. Of particular interest, the letter expressed the concerns of B.C. municipalities that marijuana taxation revenue be fairly distributed among all orders of government, including local governments. As it is very troubling that there has been no apparent progress in this regard, I am writing on behalf of the District of Kent Council today to personally reiterate that increased costs and responsibilities related to marijuana legalization without any confirmed source of additional funding will place a huge burden on local governments.

With the legalization of cannabis sales now imminent, the need for a formal agreement that will divide the tax revenue on cannabis sales in a fair and equitable manner is critical for municipalities. From our perspective, smaller municipalities with limited funding opportunities available for new responsibilities will be particularly impacted by these changes. The legalization will result in additional costs for local governments in social and policing costs. A Federation of Canadian Municipalities (FCM) paper is stating that that the impact may affect policing, fire services, building codes, city planning, municipal licencing and standards, public health, social services, and communications.

Current discussions regarding revenue sharing involve the Federal and Provincial governments with no inclusion of local governments. Therefore, we implore you to address this matter soon and present a formal funding agreement for B.C. municipalities. Fifty percent (50%) of the provincial share of the cannabis tax sharing formula being provided to local governments is suggested as an adequate and equitable share to support costs and services incurred by local governments.

Thank you for your time and consideration to this matter of urgent concern to all B.C. municipalities.



John Van Laerhoven
Mayor

cc: The Honourable David Eby, Attorney General
UBCM Municipalities

March 16, 2017



The Honourable Suzanne Anton
Minister of Justice and Attorney General
Room 232, Parliament Buildings
Victoria, B.C. V8V 1X4

RE: Legalization of Marijuana

Dear Minister,

I write to you today regarding local government concerns related to the legalization of marijuana in Canada. BC local governments have adopted resolutions requesting direct involvement in the process to establish a regulatory approach to marijuana, and that marijuana taxation revenue be fairly distributed among all orders of government, including local governments. I would like to request a meeting at your convenience to discuss these issues, and other local government concerns that we may address through collaborative solutions.

To this point, UBCM has not been presented with an opportunity to directly engage in meaningful discussion with the provincial government regarding a framework for legal access to marijuana, and in particular a marijuana distribution framework. With federal legislation expected in the near future, it is important that local governments and the Province begin discussion on how to best prepare for the ensuing changes.

Potential costs and responsibilities related to marijuana legalization without any confirmed source of additional funding could place a large burden on local governments, who may bear substantial enforcement and oversight costs, and at this point only receive 8-10% of overall taxation revenue. Previous experience with medical marijuana has shown that, without funding, local governments face difficulties in enforcing laws, leading to the unregulated environment that exists today. As such, UBCM would greatly appreciate an opportunity to discuss the concerns of BC local governments as they pertain to marijuana legalization. Bhar Sihota, UBCM Policy Analyst, may be reached at (604) 270-8226 Ext. 114 or bsihota@ubcm.ca to arrange a meeting.

We look forward to partnering with you in the development of an effective regulatory framework for legal access to marijuana.

Sincerely,

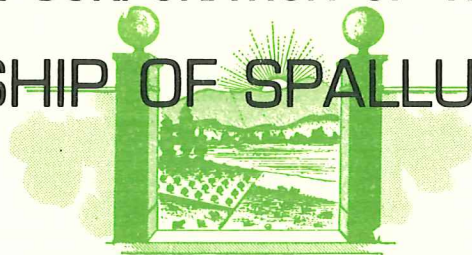
A handwritten signature in dark ink, appearing to read "M. Krause".

Murry Krause
President, Union of BC Municipalities

cc: *The Honourable Peter Fassbender, Minister of Community, Sport, Cultural Development, and Minister Responsible for TransLink*

THE CORPORATION OF THE
TOWNSHIP OF SPALLUMCHEEN

TEL. (250) 546-3013
FAX. (250) 546-8878
OUR FILE NO.



4144 Spallumcheen Way
Spallumcheen, B.C. V0E 1B6

Email: mayor@spallumcheentwp.bc.ca

www.spallumcheentwp.bc.ca

January 16th, 2018

OFFICE OF THE MAYOR

Mayor Greg McCune
City of Enderby
PO Box 400
Enderby, BC V0E 1V0

Dear Mayor McCune:

Re: Letter of Support for the Adoption of a Flexible Ride-Sharing Regulation in the Province of BC

At the Monday, January 15th, 2018 Regular meeting of Spallumcheen Council the following resolution of Council was passed:

"...THAT the Township of Spallumcheen Council direct staff to provide a letter of support to the City of Enderby regarding their initiatives introduced at the 2017 UBCM for the province to implement legislation for a regulatory framework that provides flexibility for programs such as ride-sharing programs to support small, rural and remote communities where public transportation is limited."

The Township of Spallumcheen Council agrees there is a need for solving passenger transportation challenges in rural communities where public transit cannot accommodate the needs of residents within our rural communities. There is a great opportunity for increasing jobs related to casual part-time transportation services, like Uber as an example. These types of services allow job expansion for our residents, while supporting transportation for our residents.

As you have noted, ride-sharing programs could enhance our communities so long as there is a provincial regulatory regime that is attainable. Providing regulations and licensing for a safe and reliable service that promotes licensed individuals within the community supporting the community could vastly improve our transportation limitations. Residents could have much needed access for rides to medical and other related appointments as well as reduce impaired driving. This is a great opportunity to also reduce alcohol related impaired driving potential and with the planned legalization of cannabis provides support for better decision making for all British Columbians when operating a motor vehicle.

Thank you for your leadership with regards to bringing this matter forward to the provincial level. Please accept this letter of support for these proactive initiatives that have great potential to improve lives within our area. If you have any questions in this regard please contact the undersigned.

Respectfully,

Janice Brown
Mayor