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FRASER VALLEY REGIONAL DISTRICT

BYLAW No. 1181, 2014

**A Bylaw to Regulate Commercial Gravel Operations
in the Electoral Areas of the Regional District**

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FRASER VALLEY REGIONAL DISTRICT

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**A Bylaw to Regulate Commercial Gravel Operations
in the Electoral Areas of the Regional District**

WHEREAS the *Local Government Act* [RSBC 2015] Chapter 1 provides that the purposes of a Regional District include fostering the current and future economic, social and environmental well-being of its community;

WHEREAS the Regional District Board wishes to support a viable commercial aggregate extraction industry as a crucial component of the regional economy while mitigating impacts of aggregate operations on local communities;

WHEREAS the *Local Government Act* authorizes the Regional District to operate any service that the *Board* considers necessary or desirable, for all or part of the Regional District;

WHEREAS the Board has established services, with the service areas being all Electoral Areas of the Regional District, in relation to the control of the removal and deposit of soil, and in relation to the control of emissions, nuisances, landscaping, and environmental impacts as they relate to commercial aggregate operations;

WHEREAS the *Local Government Act* authorizes the Board of the Regional District, by bylaw, to regulate the removal and deposit of soil, including aggregate, on any land within the Regional District;

WHEREAS the *Local Government Act* authorizes the Board, by bylaw, to regulate or prohibit noises that are objectionable or disturb the public;

WHEREAS the *Local Government Act* authorizes the Board, by bylaw, to regulate in relation to dust and other nuisances;

WHEREAS the *Local Government Act* authorizes the Board, by bylaw, to regulate screening or landscaping for the purpose of separating uses, preserving the natural environment, and preventing hazardous conditions;

WHEREAS the Regional District Board considers that aggregate removal and processing can create noise, dust, nuisance and visual and environmental impacts;

WHEREAS the Board has incurred and will incur costs associated with the regulation of aggregate removal, including obtaining and evaluating reports from professionals and other

consultants, policy development, processing of permit applications, issuance of permits, monitoring of operations, administration of bylaws, enforcement of bylaws, mapping of aggregate sources, supply and demand estimates, staffing, training, and equipment purchase in relation to the administration and enforcement of the bylaw;

WHEREAS the *Local Government Act* authorizes the Board, by bylaw, to delegate its powers, duties and functions to its officers and employees;

WHEREAS the *Local Government Act* requires a bylaw that prohibits the removal of soil to be approved by the Minister of Energy and Mines, and this bylaw has been approved by the Minister;

NOW THEREFORE the *Board* of the Fraser Valley Regional District, in open meeting assembled, enacts as follows:

PART 1 DEFINITIONS AND INTERPRETATION

Definitions

1. In this bylaw:

"adjacent land" includes common property with a shared border and *land* that is separated only by a *watercourse*, road, easement, or similar matter or thing;

"aggregate" includes bedrock, pitrun, gravel, sand, coarse rock, riprap, overburden and topsoil and combinations of any or all of these soils;

"Board" means the Board of the Fraser Valley Regional District;

"bylaw enforcement officer" means every person designated by the *Board* as a bylaw Enforcement Officer for the *Regional District*;

"Chief Administrative Officer" means the Chief Administrative Officer of the *Regional District* or designate;

"Community Area" means those parts of the *Electoral Areas* outlined in black on the plan attached to the bylaw as Schedule A;

"Community Water System" means a community water system owned or operated by the Regional District or a municipality;

"Community Water System Protection Area" means: 1) the *well recharge zone* of a *Community Water System* utilizing a groundwater *drinking water source*; 2) the

watershed of Community Water System utilizing a surface drinking water source; or, a Community Water System Protection Area identified in an Official Community Plan adopted by the Fraser Valley Regional District Board;

“contaminate” means to introduce anything or cause or allow anything to be introduced into a drinking water source, a well recharge zone or an area adjacent to a drinking water source, or cause any other thing to be done or to occur, that results or is likely to result in a drinking water health hazard;

“coordinating professional” means a registered professional engineer with expertise in mining engineering designated by the permit holder to coordinate applications and review and report on compliance with this bylaw and permit conditions;

“dBA” means a measure of sound level in decibels using a reference sound pressure of twenty (20) micropascals when measured on the A-weighting network of a sound level meter;

“drinking water” means water used or intended to be used for domestic purposes including but not limited to human consumption, food preparation, sanitation or other household purposes;

“drinking water source” means a stream, reservoir, well or aquifer from which drinking water is taken;

“Electoral Areas” means Electoral Areas A, B, C, D, E, F, G and H of the Regional District;

“land” includes the surface of water, land covered by water, air space parcels, strata units, and common property;

“ $L_{eq}(1\text{ hour})$ ” means the equivalent continuous sound pressure level of a sound energy averaged over one (1) hour;

“nuisance” means an unreasonable interference with the use or enjoyment of property;

“permit” means a valid and subsisting permit issued under this bylaw or a predecessor bylaw;

“permit area” means the area of land where aggregate removal or processing is permitted under a permit;

“permit holder” means the person who is the holder of a valid and subsisting permit;

“process” and “processing” in relation to aggregate, includes crushing, screening, sorting, washing, blending, and mixing;

"*Regional District*" means the Fraser Valley Regional District;

"*registered professional*" means a person who is registered to practice as a professional by a professional association that is regulated by statute; who is in good standing with the professional association; who is qualified in the particular area with respect to which services are being provided; and, who maintains professional errors and omissions liability insurance; including but not limited to a *registered professional engineer* and a *registered professional geoscientist*;

"*remove*" and "*removal*" in relation to *aggregate*, includes drilling, blasting, excavating, extracting, cutting, loading, hauling, storing, stockpiling, soil and aggregate placed or deposited as a component of the removal works, but does not include *processing*;

"*Restricted Area*" means those parts of the *Electoral Areas* identified in red hatching on the plan attached to this bylaw as Schedule "A.";

"*watershed*" means the area of land in a drainage basin or catchment area where surface water from rain, melting snow, or ice converges to a single point at a lower elevation; and

"*well recharge zone*" means the area of land from which water percolates into an aquifer and is transmitted from there into one or more wells that are used, or are intended to be used, to provide *drinking water*.

Broad Interpretation

2. Without limiting the generality of the foregoing, where any section, subsection, sentence, clause, phrase, or portion of this bylaw is held to be invalid by a court of competent jurisdiction as being inconsistent, or in conflict, with any other legislation, it shall be construed in a manner that preserves the bylaw's validity and application to the broadest extent possible.

Mapping Interpretation

3. The maps at Schedule A shall be interpreted as follows:
 - (a) Where the boundary of a *Community Area* or *Restricted Area* generally follows a parcel boundary, the boundary shall be the property boundary;
 - (b) Where the boundary of a *Community Area* or *Restricted Area* generally follows a road, stream, or the height of land between two *watersheds*, the boundary shall be the mid-point of the road, stream, or height of land.

PART 2 APPLICATION AND SCOPE OF BYLAW

Electoral Areas

4. This bylaw applies to all *land* located within the *Electoral Areas* of the Fraser Valley Regional District.

Date of Effect

5. This bylaw comes into force and effect upon adoption.

Processing

6. Nothing in this bylaw permits *processing*, where *aggregate processing* is not a permitted use of the *land* under the applicable zoning bylaw.

Structures

7. Nothing in this bylaw shall be interpreted to permit the construction or placement of buildings, structures, improvements, or fixed equipment or machinery, or the use of them, where the *Regional District's* zoning bylaw does not permit them.

Ongoing Aggregate Removal and Processing

8. This bylaw applies to *aggregate removal* and *processing*, whether commenced prior to or after adoption of this bylaw.

Existing Permits

9. All valid and subsisting soil deposit or *removal* permits issued by the *Regional District* prior to adoption of this bylaw are deemed to be *permits* under this bylaw and all conditions of those *permits* shall continue to apply until expiry, cancellation or other termination of those *permits*.
10. This bylaw shall have immediate effect in relation to all existing *permits* and related operations.

PART 3 PROHIBITION AND REGULATION

General

11. No person shall cause or permit the *removal* or *processing* of *aggregate* except in accordance with this bylaw.

Permit Required

12. No person shall cause or permit the *removal of aggregate* except in accordance with a valid and subsisting *permit* authorizing the *aggregate removal*.
13. No person shall *process aggregate* except in accordance with a valid and subsisting *permit* authorizing the *aggregate processing*.

Compliance with Land Use Regulations

14. No person shall *process aggregate on land* where *aggregate processing* is not permitted pursuant to the applicable land use bylaw of the *Regional District*.
15. No person shall construct or place buildings, structures, improvements, or fixed equipment or machinery, except in accordance with the applicable land use and building regulation bylaws.

Restricted Areas

16. No person shall *remove or process aggregate from land* within the *Restricted Areas*, except as permitted in Part 4 of this bylaw.

PART 4 EXEMPTIONS

17. Notwithstanding the restrictions in Part 3 of this bylaw, the following activities do not require a *permit*:
 - (a) *Aggregate removal* where the volume of *aggregate removed* from a parcel does not exceed 1,000 cubic metres in a one year period;
 - (b) *Aggregate removal* that is undertaken for the sole purpose of providing for the erection of a building or structure, where a valid building permit has been issued by the *Regional District* for the erection of that building or structure and the area of *removal* is limited to the building site and site grading directly related to the permitted building or structure;
 - (c) *Aggregate removal* for the sole purpose of creating or maintaining a lawful utility service, driveway, or parking area not greater than 1,000m² in total on the parcel;
 - (d) *Aggregate removal* that is undertaken for the sole purpose of completing authorized floodplain management, such as works by a diking authority under the *Dike Maintenance Act*; temporary *aggregate removal* from river channels authorized under the *Water Act* or *Fisheries Act*; and, floodplain management activities permitted under the *Local Government Act*;

- (e) *Aggregate removal* that is incidental to the installation and maintenance of public utilities, roads or other public works within public rights-of-way including aggregate removal within a gravel pit managed by the Ministry of Transportation and Infrastructure;
- (f) *Aggregate removal* that occurs on *Crown land* and is undertaken for the sole purpose of constructing or maintaining a forest service road, a forestry road, or a resource development activity pursuant to a Provincial permit or approval; and
- (g) The removal of sand, topsoil or clay necessary for and incidental to the growing or rearing of agricultural products in the Agricultural Land Reserve, including turf farms.

PART 5 PERMIT APPLICATIONS

Permit Applications

18. Every application for a *permit to remove or process aggregate* shall be made to the *Board* on the application form prescribed by the *Chief Administrative Officer* under this bylaw.

Application Fee

19. At the time of making application for a *permit* under this bylaw, an applicant shall pay to the *Regional District* a non-refundable application fee of:
- (a) \$2,500.00 where the volume of aggregate removed from the permit area will exceed 5,400 cubic metres in any twelve month period; or
 - (b) \$1,250 where the volume of aggregate removed from the permit area will not exceed 5,400 cubic metres in any twelve month period.

Applicants

20. Every application for a *permit to remove or process aggregate* shall be made to the *Regional District* by the owner of the *land* on which the *aggregate* is to be *removed or processed*, or a person authorized in writing by the owner of the *land* to make the application.
21. If a tenant, lessee, licensee or other occupier wishes to apply for and be issued a *permit* under this bylaw, the occupier must provide to the *Regional District* written confirmation from the property owner that the person is authorized to apply for and be issued a *permit* under this bylaw for the stated term of the *permit*. Where a lease or license for the *removal of aggregate* from *Crown land* has been issued by the Province

of British Columbia, a valid lease or license will be sufficient to demonstrate that that the person is authorised to apply for and be issued a *permit*.

22. If there is more than one owner of the *land* that is the subject matter of a *permit* application, each owner must sign the application or consent to another owner signing the document on their behalf.

Separate Parcels of Land

23. A single *permit* issued under this bylaw may apply to a group of legal parcels of *land* provided that:
- (a) the application is endorsed in writing by all owners of the parcels; and
 - (b) the parcels are *adjacent lands*.

Permit Information Requirements

24. All applications for a *permit to remove or process* shall include the following information in hard copy and digital (PDF) format; the descriptions, plans and specifications may be in the form submitted to the Ministry of Energy and Mines for the purpose of obtaining a Mines Permit for the same aggregate removal activities provided that the descriptions, plans and specifications meet the requirements of this bylaw:
- (a) The civic address and legal descriptions of all parcels of *land* from which *aggregate* is to be *removed or processed*;
 - (b) Surveyed plans showing the *lands* subject to the *permit*, including copies of all surveys of the *lands* available from the Land Title Office;
 - (c) The name of the *coordinating professional* and the confirmation of commitment signed by the owner and the *coordinating professional*, in the form attached as Schedule B-1 to this bylaw.
 - (d) A communications plan that addresses how the *permit holder* proposes to communicate with the surrounding community both before and during operations, including the name and contact information of a person who can and will address enquiries from the residents of the surrounding area regarding the operation;
 - (e) Detailed descriptions, plans, and specifications endorsed by the *coordinating professional* in accordance with good engineering practices in relation to the *land* on which the *aggregate removal* and any proposed *processing* is to be undertaken including:

- (i) The location of the proposed *aggregate removal* and any proposed *processing* on the *land*, including the dimensions of the proposed *permit area*;
- (ii) the location of all relevant existing features of the *land*, including watercourses, buildings, structures, improvements, machinery and equipment, driveways, roads, lanes, bridges, retaining walls, drainage facilities, sewage disposal systems, wells, water systems and other utility works;
- (iii) the type and volume of *aggregate* proposed to be *removed* or *processed*, including an estimate of annual volumes to be removed;
- (iv) The proposed commencement date for *aggregate removal* and any proposed *processing*;
- (v) The proposed term of the *aggregate removal* and any proposed *processing*;
- (vi) The proposed method of *removal* of the *aggregate*,
- (vii) Details of any proposed *processing* on the *land* or *adjacent lands*;
- (viii) The proposed location on the *land* of all buildings, machinery, equipment, and other structures and improvements to be constructed or installed for the purposes of the *removal* or *processing* of *aggregate* during the term of the *permit*;
- (ix) The proposed method of screening the *permit area* by landscaping, berming or otherwise, in order to comply with this bylaw;
- (x) The proposed location and dimensions on the *land* of buffer zones, tree cover, and berms, fences, and other landscape screens;
- (xi) The proposed locations of access to the parcel during the term of the *permit*;
- (xii) A site profile under the *Environmental Management Act* if required under Section 557 of the *Local Government Act*;
- (xiii) A plan and other information showing the location and configuration of proposed stockpiling of *aggregate*, and measures proposed to maintain it so as not to adversely affect buffer zones or *adjacent land*; and
- (xiv) Other relevant information required by the *Chief Administrative Officer*.

- (f) Descriptions and plans approved by a *Registered Professional* in accordance with good engineering practices in relation to the condition of the *permit area* upon expiry or completion of the *permit* addressing the following:
 - (i) The proposed access to the parcel upon expiry of the *permit*;
 - (ii) The proposed use of the parcel upon expiry of the *permit*; and
 - (iii) Where the *land* is in a floodplain designated pursuant to Section 524 of the *Local Government Act* or is identified in an official community plan as subject to flooding, debris flow, avulsion or erosion, the proposed reclamation measures to address these risks.

25. Subject to s.57 of this bylaw, in addition to the above plans and specifications, every application must be accompanied by the following plans:

Noise Control

- (a) A noise control plan prepared by a qualified *registered professional* stating that, in the opinion of the *registered professional*, the noise control plan proposed by the applicant will result in noise levels that comply with this bylaw. The noise control plan shall identify sources of noise within the operation; identify mitigation measures specific to noise sources; identify and, if required, design measures to prevent noise transmission beyond the *permit area* which would exceed the standards in this bylaw; and, identify proposed methods to monitor and report noise emissions not less than annually. Noise control methods detailed in the plan may include sound deflection berms or structures, landscaping and screening, acoustical barriers, site design, buffer zones, non-audible vehicle back-up alarms, equipment design, restriction of hours of operation, and other methods proposed by the applicant; and,

Dust Control

- (b) A dust mitigation plan prepared by a qualified *registered professional* stating that, in the opinion of the *registered professional*, the dust control methods proposed by the applicant will result in dust levels that comply with this bylaw. The dust mitigation plan shall include identification of sources of dust within the *permit area*, specific primary and contingency methods to control dust at each source, general methods to prevent the transmission of dust from within the *permit area* to *adjacent lands*, and proposed methods to monitor and report dust emissions not less than annually. Specified methods in the plan may include locating dust sources in areas sheltered from wind, re-vegetation of exposed soils, landscaping to create windbreaks, paved or otherwise sealed loading areas, berms, wet suppression, enclosure or partial enclosure of machinery or equipment, filtration, road spraying, minimizing fall heights, wheel

wash stations, wheel/chassis cleaners, regular sweeping of paved surfaces, and other methods proposed by the applicant.

Community Water System Protection Areas

26. Where *aggregate removal or processing* is or will be on land within a *Community Water System Protection Area* every application must be accompanied by a drinking water assurance plan prepared by a qualified *registered professional* with expertise in drinking water providing:
- (a) Information about the *Community Water System drinking water source* including its location, aquifer characteristics, water quantity, physical parameters of water quality, microbiological and health-related chemical parameters of water quality and other relevant factors determined by the qualified *registered professional*;
 - (b) Identification and assessment of potential risks to the *drinking water source* associated with the *aggregate removal or processing*;
 - (c) Recommendations for protection of microbiological, physical and health-related chemical parameters of water quality and the quantity of flow of the *drinking water source*, including recommendations for periodic monitoring, not less than annually;
 - (d) The proposed methods of protection of the microbiological, physical and health-related chemical parameters quality and quantity of the *drinking water source* while *aggregate removal or processing* is being undertaken; and
 - (e) A statement that, in the opinion of that registered professional, the measures proposed by the applicant and outlined in the report will ensure that the proposed *aggregate removal or processing* will not result in a *drinking water* health hazard and will not reduce the quantity of flow of a *drinking water source*.

Detailed, Accurate Information

27. Information submitted by the applicant with the *permit* application must be in the form of detailed descriptions, plans, reports, certificates, specifications and other documentation, which must not be incorrect or misleading.

Good Engineering Practices

28. The descriptions, plans, specifications, reports and other information submitted by the applicant with the *permit* application must be prepared in accordance with good engineering practices and professional standards.

Reports by Registered Professionals

29. Each report by a *registered professional* submitted by an applicant for a *permit* or otherwise required by this bylaw must be addressed to the *Regional District*, and must be prepared by a *registered professional* in good standing who is qualified in the particular area with respect to which the report relates. The report must be signed and sealed by the *registered professional* and must be accompanied by a completed Statement of Assurance by Registered Professional in the form set out in Schedule B-2.

Reliance

30. A report by a *registered professional* submitted by an applicant for a *permit* or otherwise required by this bylaw must acknowledge and affirm that the *Regional District* is relying on the report and must not contain statements that limit the ability of the *Regional District* to rely on the report for the purposes of this bylaw.
31. A *registered professional*, including the *coordinating professional*, who has provided a report or information pursuant to this bylaw, shall immediately notify the *Chief Administrative Officer* in writing if they become aware of any change in conditions or new information that changes the conclusion in their report or the information they provided.

Adequate Information

32. The descriptions, plans, specifications, reports and other information submitted by the applicant with the *permit* application must be adequate to allow the *Chief Administrative Officer* and the *Board* to determine compliance with the provisions of this bylaw.

Inspection

33. Upon receipt of an application for a *permit*, the *Chief Administrative Officer*, an authorized delegate of the *Chief Administrative Officer* or the *Board*, or any of these, may at all reasonable times inspect any property that is the subject of a *permit* application for the purposes of evaluating the application and its completeness. Where the *permit* pertains to an active mine authorised under the *Mines Act* to remove *aggregate*, the *Regional District* will coordinate with the mine manager for safe entry which shall not be unreasonable withheld or delayed.

Coordinating Professional

34. Where the volume of aggregate removed from the *permit area* will exceed 5,400 cubic metres in any twelve month period, the *permit* applicant shall retain a *coordinating professional* to be responsible for the coordination, preparation, and presentation of the application materials.

35. The *coordinating professional* shall place his or her professional seal or stamp on a report attaching all of the descriptions, plans, and specifications submitted in support of the application for the *permit* under this bylaw, after ascertaining that they substantially comply with this bylaw, and all applicable enactments.
36. The *coordinating professional* must be retained by the *permit holder* throughout the period of the *permit*.
37. A *permit holder* and a *coordinating professional* who sign a letter in the form of Schedule B-1 attached to this bylaw shall comply with this bylaw and the provisions of Schedule B-1.
38. The *coordinating professional* shall keep a record of all field reviews and of any corrective action taken and shall make the record available to the *Chief Administrative Officer* upon request.

Duties on Termination of Coordinating Professional

39. The *permit holder* shall immediately notify the *Chief Administrative Officer* if the *coordinating professional* ceases to be retained by the *permit holder* at any time during the term of the *permit*.
40. The *coordinating professional* shall notify the *Chief Administrative Officer* if the *coordinating professional* ceases to be retained by the *permit holder* at any time during the term of the *permit*.
41. Where the *permit holder* terminates the appointment of the coordinating professional, or the *coordinating professional* ceases to be retained for any reason, the *permit holder* must replace the *coordinating professional* and provide a new letter in the form set out in Schedule B-1.

Community Notice

42. The applicant shall post a sign on the property containing the proposed permit as follows:
 - (a) The sign shall be to the specifications stated in Schedule C attached to this Bylaw, shall be approved by the *Chief Administrative Officer* or his or her delegate before it is posted, and shall contain the following information:
 - (i) The name of the applicant;
 - (ii) The nature of the application, including any *processing* proposed, operating hours, and any other information required by the *Chief Administrative Officer*;

- (iii) A plan of the *permit area* and property, including adjoining roads and directional markers;
 - (iv) The name and telephone number of the communications person identified in the applicant's communications plan;
 - (v) The permit application file number as provided by the *Regional District* office;
 - (vi) The name and telephone number of the *Regional District*;
- (b) Signs shall be posted facing each public highway that the property abuts, and shall be placed in such a location that it is clearly visible from the public highway;
 - (c) Signs shall be placed not less than fourteen (14) days prior to the date of the Board's consideration of the *permit*; and
 - (d) All signs shall be removed from the land within forty-eight (48) hours after the issuance or refusal of a *permit* under this Bylaw.
43. Notwithstanding s.42 of this bylaw, the *Chief Administrative Officer* may waive the requirement to post a sign where it is determined that placing a sign would be ineffective due to the remoteness of the location or other factors.

PART 6 AGGREGATE REMOVAL AND PROCESSING REGULATIONS

Screening to Separate Uses

44. Every person undertaking *aggregate removal* or *processing* activity must provide screening by providing landscaping, vegetated berms, fences, or other structures or measures so as to avoid an unreasonable detrimental visual impact on *adjacent lands* where residential, recreational, resort or commercial uses exist or are permitted, and to minimize visual impacts to the surrounding area.

Site Hazards

45. No person shall cause or permit *aggregate removal* or *processing* activities to create a danger to the *land* or other *lands* from flooding, mud flow, debris flow, debris torrent, erosion, land slip, rock falls, subsidence or avalanche.
46. No person shall cause or permit *aggregate removal* or *processing* activities to lower the ground elevation below the flood construction level specified in a floodplain management bylaw, official community plan or a provincial floodplain map.

Regulation of Stockpiles

47. Stockpiles of *aggregate* shall be confined to the *permit area*, and shall be maintained so that they do not adversely affect or damage buffer zones or *adjacent land*, or create *nuisance* dust emissions or other *nuisances*.

Noise Control

48. In the *Community Areas*, between the hours of 7:00 a.m. and 7:00 p.m. Monday through Saturday, no person shall cause or permit noise related to *aggregate removal* or *processing* to exceed sixty (60) dBA L_{eq} (1 hour) exclusive of ambient sound when measured at any point along the property line of a receiving parcel or at any point within a receiving parcel.
49. In the *Community Areas*, between the hours of 7:00 p.m. and 7:00 a.m. Monday through Saturday, and on Sundays and statutory holidays, no person shall cause or permit noise related to *aggregate removal* or *processing* to exceed fifty (50) dBA L_{eq} (1 hour) exclusive of ambient sound when measured at any point along the property line of a receiving parcel or at any point within a receiving parcel.
50. Where the proposed method of noise control approved in a *permit* includes a sound deflection structure, all vehicles and machinery engaged in *aggregate removal* or *processing* on the *land* must be kept within the confines of the sound deflection structure, except where *aggregate removal* is undertaken for the purpose of constructing the sound deflection structure.
51. The requirements of s. 48-50 of this bylaw do not apply to the noise that may be generated by the movement of trucks entering or exiting a parcel in the approved area of access to and egress from the *permit area*.

Dust Control

52. No person may cause or permit dust associated with *aggregate removal* or *processing* to escape from the *permit area* so as to constitute a *nuisance* on any other *lands*.
53. No person may cause or permit dust associated with *aggregate removal* or *processing* to result in:
- (a) Dustfall over an average period of two (2) weeks in excess of $1.7 \text{ mg}/(\text{dm}^2\text{-d})$, or
 - (b) Total Suspended Particulate Matter over an average period of twenty four (24) hours in excess of $120 \text{ }\mu\text{g}/\text{m}^3$,
- on any other *lands*.

Drinking Water

54. No person shall cause or permit soil, rubble, debris, or any other matter or thing originating from a *permit area* or from *aggregate removal* or *processing*, to obstruct, or impede the flow of any *drinking water source*.
55. No person shall cause or permit soil, rubble, debris, or any other matter or thing originating from a permit area or from aggregate removal or processing to contaminate a drinking water source.

Compliance with Other Bylaws and Enactments

56. Nothing in a *permit* shall waive the *permit holder's* obligation to ensure that the *aggregate removal* and *processing* comply in every way with the statutes, regulations, requirements, covenants and licences applicable to the operation.

PART 7 REQUIREMENTS IN SPECIFIED CIRCUMSTANCES

Outside Community Areas

57. In *permit areas* that are entirely outside of a *Community Area*:
 - (a) The specific decibel limits and hour of operation constraints in relation to noise abatement set out in ss. 48-49 of this bylaw do not apply; and
 - (b) The requirements for noise control and dust mitigation plans pursuant to s. 25(a) and 25(b) of this bylaw do not apply.

Shared Pit Boundaries

58. Where a proposed or existing *permit area* shares one or more common boundaries with another *permit area*, the *permit holders* for each *permit area* with a common boundary may agree in writing as follows:
 - (a) Each *permit holder* shall be responsible for ensuring that the noise from their respective *permit areas* does not exceed the applicable limits at any boundary that is not a common boundary pursuant to s. 48-49; and
 - (b) If a *permit* expires, or is otherwise revoked or completed, such that there is no longer a common boundary between *permit areas*, the remaining *permit holder* will ensure that ss. 44, and 48-50 are complied with, and will make a *permit* amendment application to address any additional screening, landscaping or noise control measures that are required to comply with this bylaw.

59. Where the Regional District receives a written agreement signed by each affected *permit holder* pursuant to s. 58, the following provisions of Part 6 will not be applied to those *permit holders* to the extent of the common boundary:
- (a) The requirement in s. 44 to provide adequate visual screening from *adjacent lands*;
 - (b) The requirements in ss. 48-49 with respect to noise measured from the common boundary;
 - (c) The requirement in s. 50 with respect to the provision of sound deflection structures at the common boundary.
60. Where a *permit holder* relies on s. 58 and does not construct noise abatement facilities or structures at its common boundary with another *permit holder*, each *permit holder* must ensure that the noise from their respective *permit areas* does not exceed the applicable limits at any boundary that is not a common boundary.
61. If a *permit* expires, or is otherwise revoked or completed, such that there is no longer a common boundary between *permit areas*, ss. 44, and 48-51 are applicable.

PART 8 PERMIT ISSUANCE AND REFUSAL

Permit Issuance

62. Where:
- (a) an application for a *permit* under this bylaw has been made,
 - (b) the *Board* is satisfied that the proposed *aggregate removal* and *processing* conforms with this bylaw, and all other bylaws of the *Regional District*, and
 - (c) the applicant has paid the application fee,
- the *Board* shall issue a *permit* to the applicant for the *aggregate removal* and *processing* specified in the *permit* application.

Further Reports

63. If the *Chief Administrative Officer* or the *Board*, considers that a report, plan or any other information provided by an applicant for a *permit* does not comply with this bylaw, or is inadequate for the *Board* to determine that the applicant and the proposed *aggregate removal* or *processing* will be in compliance with this bylaw, or if the *Chief Administrative Officer* or the *Board* considers a *Registered Professional*, consultant or *permit* applicant used inaccurate, incomplete, or inadequate information or

assumptions, or wrong methodology, the *Chief Administrative Officer* or the *Board* may require the applicant, at its own cost, to provide additional reports, plans and information to address the inadequacy or non-compliance.

Relevant Reports

64. The *Regional District* may also rely on its own reports, and relevant professional reports in its possession or that it obtains, when evaluating whether the information in an application is adequate for the *Board* to determine that the applicant and the proposed *aggregate removal or processing* will be in compliance with this bylaw

Permit Conditions

65. All descriptions, plans, reports and specifications submitted by the applicant in support of the *permit* application shall form part of the *permit*, and compliance with those plans and specifications are a condition of the *permit*.

Standard Permit Conditions

66. It is a term of every *permit* issued under this bylaw that, for so long as the *permit* is in effect:
- (a) The *permit holder* must comply with this bylaw and all other bylaws of the *Regional District*, and the *Local Government Act*, and *Community Charter* related to *aggregate removal and processing*;
 - (b) The *permit holder* must obtain and keep in force all other permits, approvals, consents and permissions required under any statute, regulation, order, enactment or contract related to the *aggregate removal or processing*.

Site Specific Conditions

67. The *Board* may impose site specific conditions related to the application and compliance with this bylaw where supported by the information provided with the application, or other relevant reports or community input, including but not limited to:
- (a) Conditions related to ensuring that there is a sufficient method of communication between the applicant and members of the community and adjacent residents, recreational properties, and businesses;
 - (b) Conditions related to the timing, phasing or hours of work of *aggregate removal or processing* activities in the *permit area*;
 - (c) Conditions that impose maximum annual or seasonal volumetric limits on *removal or processing*;

- (d) Conditions that impose monitoring and reporting requirements, including the frequency and timing of monitoring reports, and volumetric reports under Parts 10 and 11 of this bylaw; and
- (e) Conditions in a *permit* that impose specific requirements related to compliance with Part 6 of this bylaw.
- (f) Conditions imposed in accordance with Part 14 of this bylaw.

Permit Refusal

68. The *Board* may refuse to issue a *permit* under this bylaw where:
- (a) The descriptions, plans, and specifications submitted by the applicant with the *permit* application are inadequate to determine compliance with, or do not demonstrate compliance with the provisions of this bylaw, other bylaws of the *Regional District*, or another applicable enactment;
 - (b) The descriptions, plans, and specifications submitted by the applicant with the *permit* application are incorrect or misleading;
 - (c) The descriptions, plans, and specifications submitted by the applicant with the *permit* application are not prepared in accordance with good engineering practices; or,
 - (d) A report prepared by a *registered professional* with respect to the effects of the *aggregate removal* or *processing* on the *land* suggests that the proposed *aggregate removal* or *processing* may not, or will not, comply with the requirements of this bylaw; or
 - (e) There is other evidence which is compelling to the *Board* that the *aggregate removal* or *processing* will not be conducted in compliance with the bylaw, including where there is existing non-compliance that is not adequately addressed by the *permit* application.

Permit to Multiple Owners

69. Where a property is owned by more than one person, the *permit* will be issued to all owners and all owners will be jointly and severally responsible for complying with the *permit*.

Permit to Multiple Occupiers

70. Where an occupant or operator is authorized by the owner of *land* to make a *permit* application, the *permit* will be issued to the applicant and the owners of the *land*.

No Representation by Permit Issuance

71. The issuance of a *permit* by the *Board* under this bylaw is not a guarantee or representation by the *Board* or the *Regional District* to the owner, the applicant, the operator or any other person as to public safety, operational safety, protection from private claims, protection from bylaw enforcement, or any other matter.

Term of Permit

72. The term of the *permit* will be the length of time specified in the application for the *permit*, up to a maximum duration of five (5) years.
73. Where a permit under the *Mines Act* has been issued for the *land*, the term of the *permit* will be the same as the term of the Mines permit up to a maximum duration of five (5) years.

Permit Renewal

74. A *permit holder* may apply for a renewal of a permit for not more than five years for each renewal.
75. The *Chief Administrative Officer* may issue, a renewal of a *permit* under this bylaw for a period of not more than five years for each renewal where:
- (a) The *permit* is in good standing, all fees are up to date, and no suspensions or revocations have been issued to the *permit holder*;
 - (b) All the original *permit* information is still valid and applicable to the existing operations;
 - (c) There are no violations or alterations of existing *permit* conditions;
 - (d) All external approvals and conditions are current and valid;
 - (e) All applicable descriptions, plans, and specifications in support of the application are compliant with this bylaw, including any amendments to the bylaw since the *permit* was issued;
 - (f) The monitoring and reporting requirements of this bylaw have been satisfied; and
 - (g) The *permit holder* has paid to the Regional District a renewal fee of \$1,000.
76. Where the *Chief Administrative Officer* is not satisfied that the above requirements are met, the *Chief Administrative Officer* may:

- (a) Refuse the renewal application, in which case he or she must provide written reasons to the applicant for that refusal; or
 - (b) Refer the application for renewal to the Board.
77. The Board may issue, a renewal of a *permit* under this bylaw for a period of not more than five years for each renewal where:
- (a) All fees are up to date, and any past suspensions or revocations have been resolved to the satisfaction of the *Board*;
 - (b) All the original *permit* information is still valid and applicable to the existing operations, or has been updated to the satisfaction of the Board to meet current bylaw requirements;
 - (c) No permit amendments are required, or if they are required, the Board is satisfied that they are minor amendments that can be properly considered together with the application for renewal;
 - (d) All external approvals and conditions are current and valid;
 - (e) Descriptions, plans, and specifications in support of the application are compliant with this bylaw, including any amendments to the bylaw since the *permit* was issued;
 - (f) The monitoring and reporting requirements of this bylaw have been satisfied;
 - (g) The *permit holder* has paid to the Regional District a renewal fee of \$1,000.

PART 9 PERMIT TRANSFERS AND AMENDMENTS

Permit Transfer

78. No person may permit or allow the *removal or processing of aggregate on land* unless they are a named *permit holder* in relation to that *land*.
79. A new owner, leaseholder, tenant or operator of *land* may apply to the *Chief Administrative Officer* for a transfer or to be added to an existing *permit* in relation to that *land*.
80. The *Chief Administrative Officer* may transfer a valid and subsisting *permit* to a new or additional owner or operator if all the following conditions are satisfied:
- (a) The applicant is in full compliance with the *permit*;

- (b) The applicant makes a written application to the *Chief Administrative Officer* on the form currently used for this purpose;
 - (c) The applicant pays a transfer fee of \$500;
 - (d) The applicant provides a title search of the *land* proving the applicant has become the registered owner of the *land*, or the applicant provides documentation from the registered owner and current *permit* holder confirming that the transferee is a tenant, licensee or otherwise authorized by the registered owner to use the *land* for the purposes of this bylaw and to hold a *permit* under this bylaw;
 - (e) The applicant signs the prescribed form indicating his agreement to be bound by all the terms and conditions of the *permit*.
81. Upon transfer of a *permit* pursuant to this bylaw, the *permit* transferee shall become a *permit holder* for all purposes of this bylaw, and the *Regional District* may enforce all the provisions of this bylaw and conditions of the *permit* against the *permit holder* notwithstanding that any breach of the *permit* arose or occurred prior to the transfer, whether known to the *Regional District* or not.
82. Transfer of a *permit* pursuant to this bylaw shall not constitute or be deemed to constitute any representation by the *Regional District* of the validity of the *permit*, or that any actions authorized by the *permit* were undertaken or completed in compliance with this bylaw or the *permit*.

Permit Amendments

83. A *permit holder* may apply to amend a *permit*, including a term or condition of the *permit*, by making application on the form provided by the *Regional District* for this purpose, and paying the amendment application fee of \$1,000.
84. The *Chief Administrative Officer* may require an applicant for an amendment to provide any or all of the information required for a *permit*, provided that it reasonably relates to the requested amendment.
85. The *Chief Administrative Officer* may:
- (a) Issue an amendment to the *permit* if satisfied that the requested amendment is not a major amendment, and complies with this bylaw;
 - (b) Refer the amendment application to the *Board*; or
 - (c) Refuse the amendment, with written reasons to the applicant.

PART 10 MONITORING AND REPORTING REQUIREMENTS

86. Every *permit holder* shall, on or before February 28 of each calendar year, provide a report or reports in the form prescribed in Schedule B-3 to the *Chief Administrative Officer*, and signed and sealed by the *coordinating professional* or, as applicable, the *registered professional*:
- (a) In respect of *aggregate removal or processing* within a *Community Water System Protection Area*, describing the condition of *drinking water sources* on the *land* and *adjacent lands*, including drinking water quality, flows, levels, turbidity, or other impact *aggregate removal or processing* and related activities may be having on *drinking water* and *drinking water sources*;
 - (b) Confirming that the *aggregate removal and processing* is in substantial compliance with the descriptions, plans, and specifications submitted by the *permit holder* in support of the *permit* application, all *permit* conditions and the requirements of this bylaw, or identifying and describing any areas of non-compliance with recommendations to bring operations into compliance; and
 - (c) Providing any additional professional reports and monitoring information required pursuant to this bylaw or as a condition of the *permit*.

PART 11 VOLUME REPORTS AND AGGREGATE REMOVAL FEES

Verification of Quantities

87. Every *permit holder* that holds a *permit* that permits *aggregate removal* shall submit to the *Chief Administrative Officer*, on the prescribed form, an *aggregate removal* volume report annually for the period January 1 to December 31 by February 28 of the following calendar year.

Volume Report

88. The *permit holder* must ensure that that the volume report accurately states the volume of *aggregate removed* from the *permit area* in cubic metres and must be certified as correct by the *coordinating professional* to the best of his or her knowledge.

Record Keeping

89. A *permit holder* shall maintain accurate and up-to-date records of all *aggregate removed* under the *permit* and make those records available for inspection by the *Chief Administrative Officer* within fourteen (14) days.

Aggregate Removal Fees

90. At the time of the filing of each volume report, a *permit holder* shall pay to the *Regional District* the following fees for each cubic metre of *aggregate removed* from the *permit area* pursuant to a *permit* issued under this bylaw:
- (a) \$0.20 per cubic meter of *aggregate removed* from a *Community Area*;
 - (b) \$0.15 per cubic meter of *aggregate removed* entirely from *lands* outside a *Community Area*.
91. Where a *permit area* is partially within and partially outside a *Community Area*, the fees applicable to *removal* from within a *Community Area* will apply.
92. Where the quantity of *aggregate removed* is determined or recorded by weight and not volume, the conversion between metric tonnes and cubic metres set out in Schedule D shall apply unless the *permit holder* has provided as a part of a permit application, permit renewal or permit amendment application a different conversion factor for *aggregate* to be removed from the *permit area* which conversion factor has been scientifically determined and certified by a qualified registered professional.

Annual Audited Statement

93. The *permit holder* must submit to the *Chief Administrative Officer*, by February 28 of each calendar year following the year of *permit* issuance, an annual statement audited by a volumetric surveyor, detailing the volume of *aggregate removed* from the *permit area* under the *permit* in the previous calendar year as set out in Schedule D.

Excess Quantities

94. Where an annual audited statement indicates that a greater volume of *aggregate* was removed from a *permit area* than was indicated in the semi-annual volume reports, the *permit holder* shall pay to the *Regional District* the additional fees corresponding to the additional amounts with the annual audited statement by February 28 of each calendar year.
95. Where an *aggregate removal* volume report or an audited annual statement provided in accordance with this bylaw indicates that a quantity of *aggregate* has been removed from the *land* greater than the maximum annual or seasonal limit stated in a permit, the *permit holder* shall immediately cease the *removal* of *aggregate* on the *land* and make an application to amend the *permit* to permit the increased *aggregate removal*.

Fees for Unlawful Removal

96. If a person removes *aggregate* contrary to a *permit*, or without a required *permit* under this bylaw, or a *permit holder* removes quantities of *aggregate* beyond those allowed

under a *permit* issued under this bylaw, the person shall immediately pay to the *Regional District* the following fees for each additional cubic metre of *aggregate removed*:

- (a) \$0.40 per cubic meter of *aggregate removed* from a *Community Area*;
 - (b) \$0.30 per cubic meter of *aggregate removed* entirely from *lands* outside a *Community Area*.
97. Payment of the fees pursuant to the above section shall not relieve a person from the obligation to obtain a *permit* required under this bylaw or to seek an amendment of a *permit* under this bylaw.

Interest on Unpaid Amounts

98. Interest owing on past due soil removal fees shall be calculated at the rate prescribed by the Lieutenant Governor in Council under section 11(3) of the Taxation (Rural Area) Act. Interest calculated shall be compounded and calculated semi-annually not in advance.

PART 12 COMPLETION OF OPERATIONS

99. The *permit holder* shall, at least 30 days prior to completion of the *aggregate removal* or *processing* contemplated in a *permit*, or expiry of a *permit*, whichever happens first, provide written notice of the expected completion to the *Chief Administrative Officer*.
100. The *permit holder* shall, within sixty (60) days of completion of the *aggregate removal* or *processing* contemplated in a *permit*, or expiry or revocation of a *permit*, whichever happens first:
- (a) Provide a final statement detailing quantities of the total *aggregate removed* under the *permit* since the previous volume report and all anticipated volumes still to be *removed*;
 - (b) Pay to the *Regional District* the *aggregate removal* fees applicable to that volume report, plus any other outstanding fees or amounts owing under this bylaw; and
 - (c) Deliver a statement from the *coordinating professional* certifying that all the *soil removal* and *processing* activities have complied with this bylaw and all *permit* conditions to date.
101. Where the *coordinating professional* cannot provide the certification required in s. 100(c), the *permit holder* shall provide a statement from the *coordinating professional* as to any outstanding areas of non-compliance, and recommendations to reach

compliance, which may include an application to amend or extend the *permit* to allow the recommendations to be completed.

102. Where the Board considers that a *permit holder* has not sufficiently addressed any non-compliance with Part 6 of this bylaw, or any permit conditions or requirements imposed pursuant to Part 6 of this bylaw, upon completion, expiry or revocation of the *permit*, or has failed to provide the report required under s. 100(c), the *Board* may:
- (a) Determine the extent of any outstanding non-compliance with Part 6 of this bylaw or any terms or conditions related to compliance with Part 6 of this bylaw; and
 - (b) After giving notice to the former *permit holder*, direct the former *permit holder* to complete any work on the *lands* that are the subject of the *permit* in order to bring the lands into compliance with Part 6 of this bylaw, or any applicable *permit* conditions imposed in relation to Part 6 of this bylaw.
103. Where the former permit holder does not comply with the direction of the Board under s. 102, the *Regional District* may fulfill the requirement at the expense of the former *permit holder*, and recover the costs incurred from the former *permit holder* pursuant to ss. 418 and 399 of the *Local Government Act*.

PART 13 DELEGATIONS AND APPEALS

104. Without limiting the authority granted to the *Chief Administrative Officer* under this bylaw and other enactments, the *Chief Administrative Officer* has the following powers:
- (a) To prepare and prescribe forms that are to be used for the purposes of this bylaw;
 - (b) To determine whether an application for a *permit*, *permit* amendment, permit transfer, or *permit* renewal is complete;
 - (c) To request additional information from an applicant where the *Chief Administrative Officer* considers that the information provided in relation to an application for a *permit*, *permit* amendment, or *permit* renewal, or *permit* transfer is incomplete;
 - (d) To refuse to consider an application for a *permit*, *permit* amendment, or *permit* renewal, or *permit* transfer on the basis that the application is incomplete or does not meet the requirements of this bylaw;
 - (e) To request information from a *permit holder* in relation to compliance with a *permit* or this bylaw;

- (f) To transfer, renew and amend a *permit* in accordance with Part 8 and 9 of this bylaw;
 - (g) To enter onto any property at all reasonable times for the purposes of determining compliance with this bylaw and related enactments;
 - (h) To issue a stop work order; and
 - (i) To impose conditions in relation to a stop work order for the purposes of achieving compliance with this bylaw or a permit.
105. An applicant may appeal a determination by the *Chief Administrative Officer* to refuse a *permit*, *permit* amendment, *permit* transfer or *permit* renewal, or to issue a stop work order, to the *Board*.
106. The decision of the *Chief Administrative Officer* with respect to any of the above matters is immediately effective unless or until varied or reversed by the *Board*.

Powers of the Board

107. Without limiting the authority granted to the *Board* under this bylaw or any other enactment, the *Board* has the following powers:
- (a) To issue a *permit* where satisfied that the conditions of this bylaw have been met;
 - (b) To refuse a *permit* where satisfied that the conditions of this bylaw have not been met;
 - (c) To impose conditions on a *permit* in accordance with this bylaw;
 - (d) To request additional information from an applicant where the *Board* considers that the information provided in relation to an application for a *permit*, *permit* amendment, *permit* transfer or *permit* renewal is incomplete;
 - (e) To transfer, renew and amend a *permit* in accordance with Part 8 and 9 of this bylaw;
 - (f) To request information from a *permit holder* in relation to compliance with a *permit* or this bylaw;
 - (g) To hear an appeal in relation to a decision of the *Chief Administrative Officer* in relation to a *permit* refusal, *permit* amendment, *permit* renewal, or the issuance of a stop work order;
 - (h) To suspend or revoke a *permit* in accordance with Part 14 of this bylaw; and

- (i) To impose conditions in relation to a *permit*, *permit* amendment, *permit* renewal, stop work order, *permit* suspension or *permit* revocation for the purposes of achieving compliance with this bylaw or other related enactments.

Appeals to the Board

108. If the *Chief Administrative Officer* refuses a *permit*, *permit* transfer, *permit* amendment, *permit* renewal, or issues a stop work order, the applicant or *permit holder* may appeal this determination to the *Board*, who may:
- (a) Issue the requested *permit*, *permit* transfer, *permit* amendment, or *permit* renewal if satisfied that the application complies with this bylaw;
 - (b) Refuse the requested *permit* transfer, *permit* amendment, or *permit* renewal if not satisfied that the application complies with this bylaw and related enactments;
 - (c) Uphold or set aside a stop work order;
 - (d) Review a stop work order on the same basis as a revocation or suspension of a *permit* by the *Board* under Part 13 of this bylaw;
 - (e) Require further information from the applicant;
 - (f) Refer the application back to the *Chief Administrative Officer* for reconsideration of further information or with directions.

PART 14 ADMINISTRATION AND ENFORCEMENT

Stop Work Order

109. Where any *aggregate removal or processing* is being undertaken:
- (a) in contravention of a *permit* or a condition of a *permit*;
 - (b) at variance with the descriptions, plans, reports, or specifications submitted by the *permit holder* in support of the *permit*;
 - (c) in contravention of this bylaw;
 - (d) where a *registered professional* has indicated to the *Regional District* that there is information that affects the validity or applicability of his or her report or recommendations relied upon to issue the *permit*; or

- (e) without a *permit* having been issued under this bylaw authorizing the *aggregate removal or processing*;

the *Chief Administrative Officer*, may issue a stop work order by causing a notice in the prescribed form to be displayed in a prominent location on the *lands* upon which the *aggregate removal or processing* is being undertaken, stating the reasons for the order.

- 110. Where a stop work order has been issued under this bylaw, any person undertaking *aggregate removal or processing* shall immediately suspend all *aggregate removal and processing* on the *land*, and for so long as a stop work order is in effect, no person shall *remove or process aggregate* on that *land*.
- 111. A stop work order under this bylaw shall remain in effect until the violation has been corrected to the satisfaction of the *Chief Administrative Officer*.
- 112. In order to be satisfied that a violation has been corrected, the *Chief Administrative Officer* may require a *permit holder* to provide the *Regional District* with a written report certified by a *registered professional* that states that the *aggregate removal or processing* has been brought into compliance with the *permit* or this bylaw.

Permit Revocation and Suspension

- 113. The *Board* may suspend or revoke a *permit* under this bylaw where:
 - (a) The *permit holder* has contravened this bylaw, another bylaw of the *Regional District*, or a relevant provision of the *Local Government Act*;
 - (b) The *permit holder* has contravened a condition of the *permit* authorizing the *aggregate removal or processing*;
 - (c) The *permit* was issued by the *Regional District* on the basis of descriptions, plans, and specifications submitted by the *permit holder* in support of the *permit* application which were incorrect or misleading in a material way;
 - (d) The *permit holder* has failed or refused to pay a fee or charge required under this bylaw, or
 - (e) The *permit holder* failed or refused to comply with a stop work order made pursuant to this bylaw.

Imposition of Conditions in Relation to Suspension or Revocation

- 114. Where the *Board* suspends a *permit*, the *Board* may also impose conditions in relation to achieving compliance with this bylaw or related enactments, including conditions that:

- (a) Shorten the term of a suspension upon provision of reports or other information to achieve compliance with a *permit* or this bylaw;
 - (b) Impose additional monitoring or reporting requirements on a *permit holder*;
 - (c) Restrict the hours of operation of *aggregate removal* or *processing* to increase or achieve compliance with this bylaw; and
 - (d) Impose specific methods of *nuisance* control, including landscaping and screening, noise abatement, dust control, and *drinking water* protection measures.
115. All conditions imposed in relation to a *permit* suspension become *permit* conditions, and are enforceable under this bylaw in the same manner as other *permit* conditions.
116. Before suspending or revoking a *permit* under this bylaw, the *Regional District* shall:
- (a) Give written notice that it may suspend or revoke the *permit* by mailing or emailing a notice to the *permit holder* at the address for delivery on the *permit* application;
 - (b) Provide a copy of any report or information the *Board* may consider setting out the reasons for the possible suspension or revocation;
 - (c) Advise the *permit holder* of the date and time by which the *permit holder* may make written or oral submissions to the *Board* in relation to the proposed revocation or suspension; and
 - (d) Consider any representations made by the *permit holder* in relation to the possible suspension or revocation.

Compliance with Bylaw and Permit

117. No person shall:
- (a) Fail to comply with the terms of a *permit* issued under this bylaw;
 - (b) *Remove* or *process aggregate* without a permit authorizing that activity;
 - (c) *Remove* or *process aggregate* after a stop work order has been posted;
 - (d) Prevent or obstruct, or seek or attempt to prevent or obstruct, reasonable and safe entry to *land* by the *Chief Administrative Officer*, a *bylaw enforcement officer*, or a *Regional District* employee under their direction administering or enforcing this bylaw;

- (e) Reverse, alter, deface, cover, remove or in any way tamper with any notice or certificate posted pursuant to this bylaw; or
 - (f) In relation to an application for a *permit* under this bylaw, intentionally submit false or misleading information.
118. The *Chief Administrative Officer*, officers, employees and agents of the *regional district* may at all reasonable times enter and inspect any property that is the subject of a *permit* to determine whether all regulations, prohibitions and requirements of this bylaw are being met. Where the *permit* pertains to an active mine authorised under the *Mines Act*, the *Regional District* will coordinate with the mine manager for safe entry which shall not be unreasonable withheld or delayed.

Offence

119. Every person who commits an act that is prohibited by this bylaw commits an offense under this bylaw and is liable on summary conviction to penalties pursuant to the *Local Government Act* and the *Offence Act*, including fines of up to \$10,000.
120. Each day that a violation of this bylaw continues constitutes a separate offense.

PART 15 BYLAW SCHEDULES, REPEAL AND CITATION

Schedules

121. The schedules attached to this bylaw are incorporated in, and form part of, this bylaw. Schedules include:
- Schedule "A" Plan of Restricted and Community Areas
 - Schedule "B-1" Confirmation of Commitment by Permit Holder and by Coordinating Professional
 - Schedule "B-2" Statement of Assurance by Registered Professional
 - Schedule "B-3" Assurance of Professional Field Review and Compliance
 - Schedule "C" Sign Specifications
 - Schedule "D" Methods to Determine Quantity of Aggregate Removed

Repeal

122. The following bylaws, including any amendments to them, are hereby repealed:

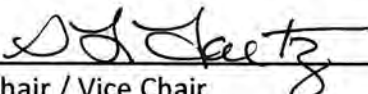
- (a) Fraser Valley Regional District Electoral Area Aggregate Removal and Deposit Bylaw No. 0729, 2006;
- (b) Fraser Valley Regional District Electoral Area Aggregate Removal and Deposit Bylaw No. 0359, 2000; and
- (c) Fraser Valley Regional District Electoral Area Soil Removal and Deposit Bylaw No. 0023, 1996.

Citation


123. This bylaw may be cited for all purposes as the "FVRD Commercial Gravel Operations Bylaw No. 1181, 2014".

Readings and Adoption

READ A FIRST TIME this	30 th	day of September, 2014.
READ A SECOND AND THIRD TIME this	27 th	day of January, 2015.
ALL READINGS RESCINDED	26 th	day of January, 2016
REREAD A FIRST TIME	26 th	day of January, 2016
REREAD A SECOND TIME	26 th	day of January, 2016
REREAD A THIRD TIME	26 th	day of January, 2016
APPROVED BY THE MINISTER OF ENERGY & MINES this	16 th	day of September, 2016
ADOPTED, by at least 2/3 of votes cast, this	21 st	day of September, 2016



 Chair / Vice Chair



 Corporate Officer / Deputy

Certifications

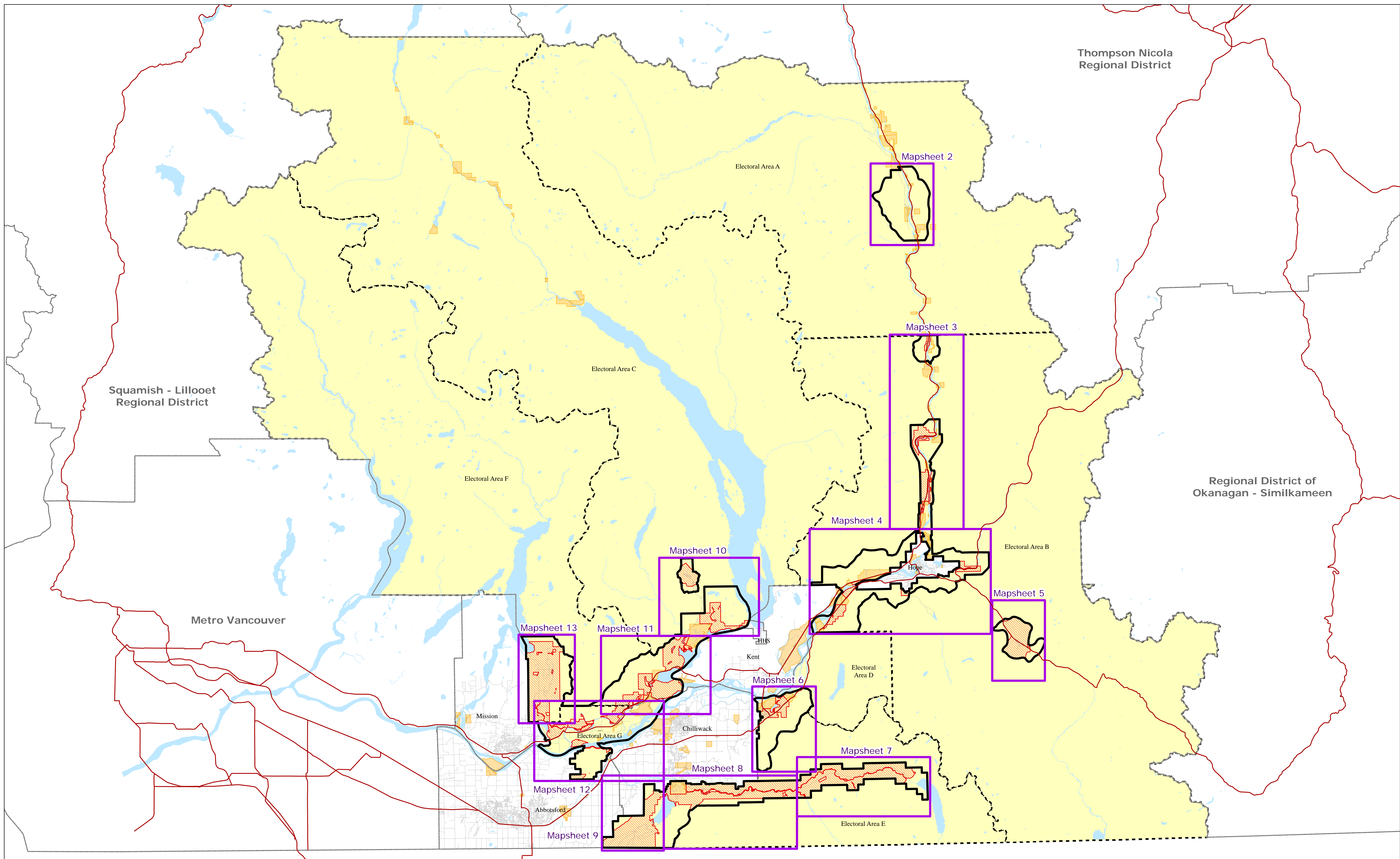
I hereby certify that this is a true and correct copy of "FVRD Commercial Gravel Operations Bylaw No. 1181, 2014" as adopted by the Board of Directors of the Fraser Valley Regional District on 21st day of September, 2016

Dated at Chilliwack, B.C. this 17th day of October, 2016


Corporate Officer, Deputy

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "A"
PLAN OF RESTRICTED AND COMMUNITY AREAS



This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

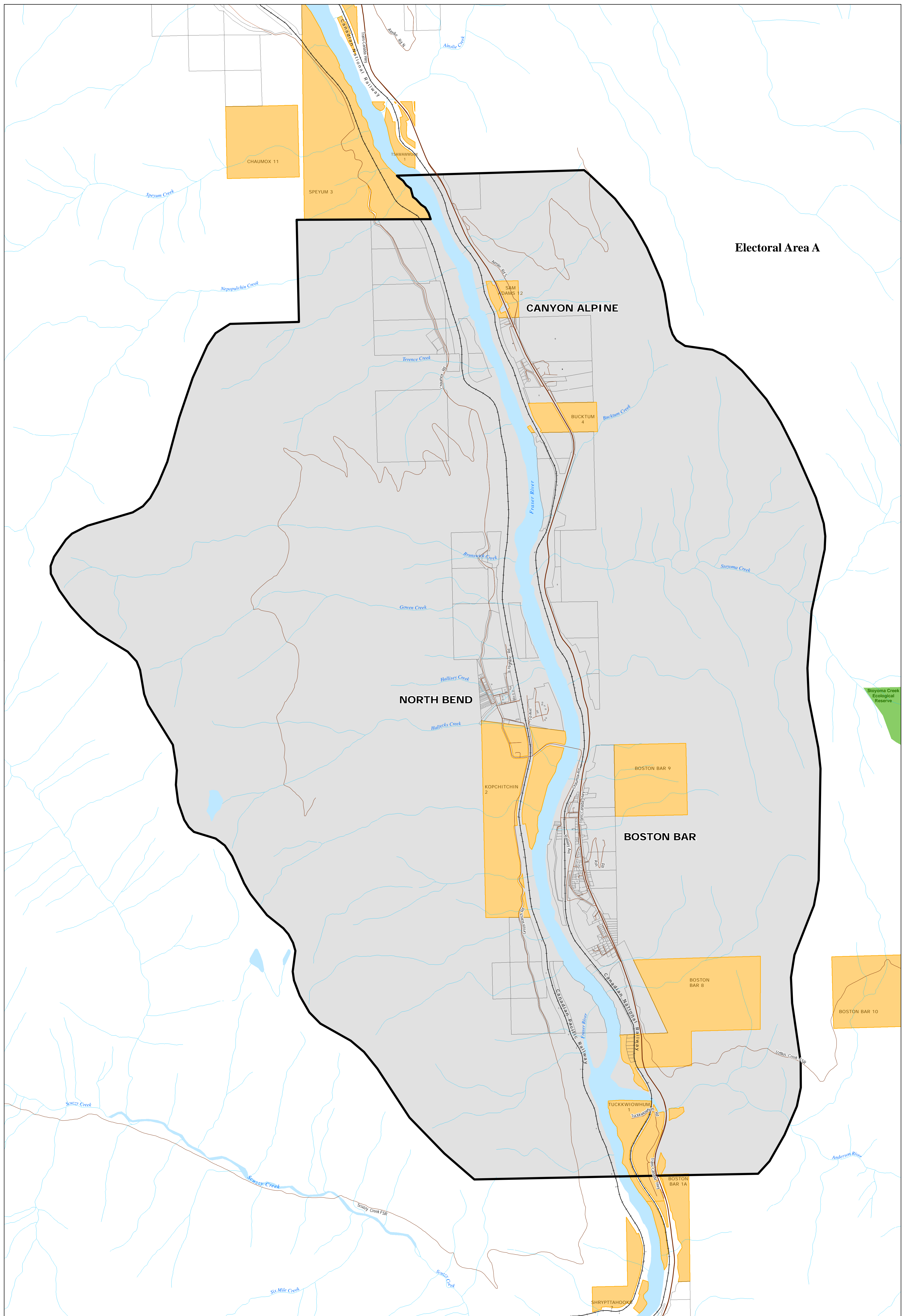
Bylaw No. 1181
 Area of Application
 Community Areas
 Restricted Areas

Map Legend
 Local Roads
 Highways
 Waterbodies
 Indian Reserves
 Mapsheet

Bylaw No. 1181, 2014
 Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
 Mapsheet 1 of 13
 Scale
 0 2.5 5 10 15 20 25 Km
 1:240,000

Date Created:
 Jan. 20, 2016



Electoral Area A

CANYON ALPINE

NORTH BEND

BOSTON BAR

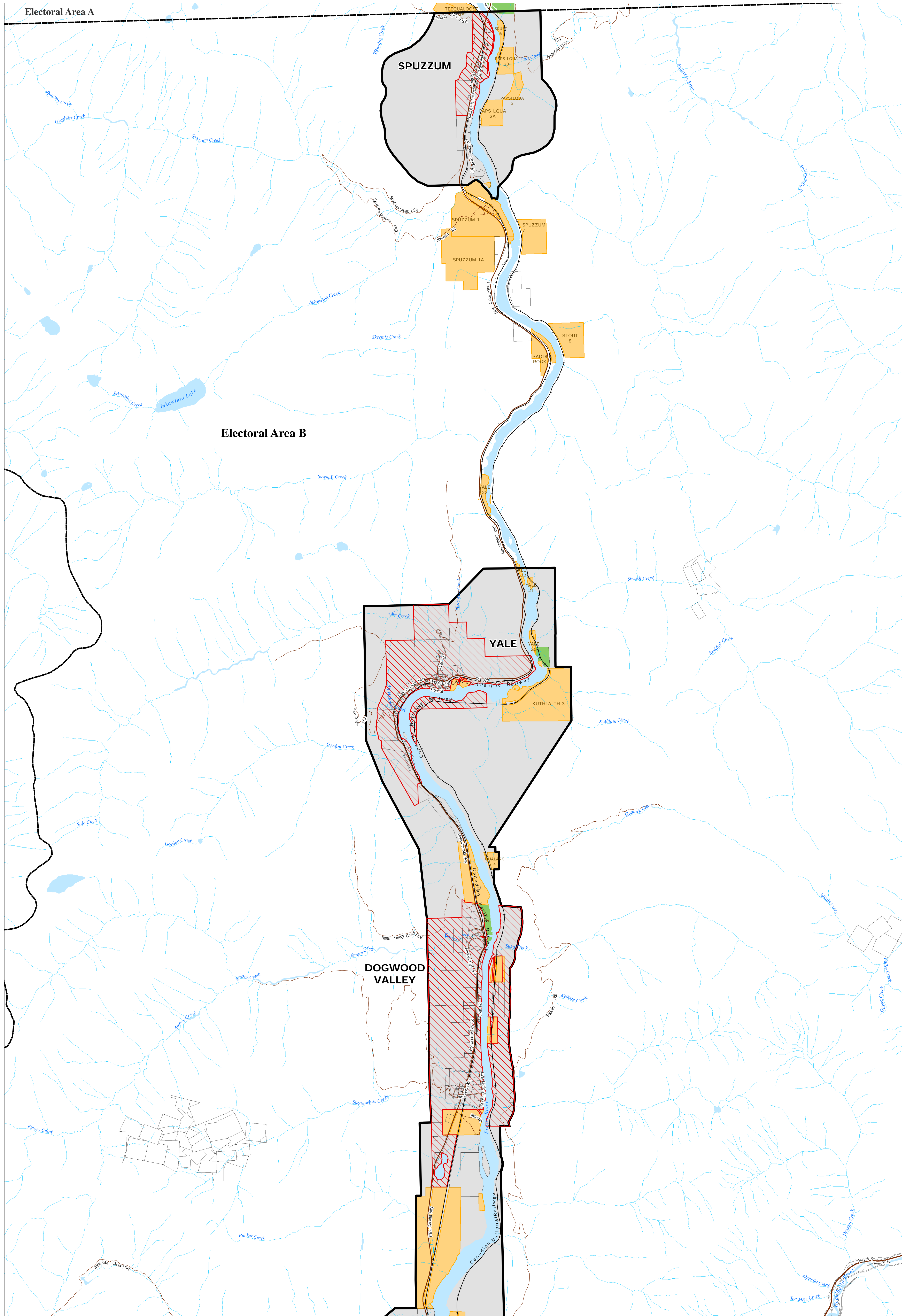
This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181
 Community Areas
 Restricted Areas

Map Legend
 Local Roads
 Highways
 Railways
 Streams
 Waterbodies
 Indian Reserves
 Parks and Protected Areas
 Properties

Bylaw No. 1181, 2014
 Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
 Mapsheet 2 of 13
 Scale: 1:17,500
 Date Created: Jan 16, 2015



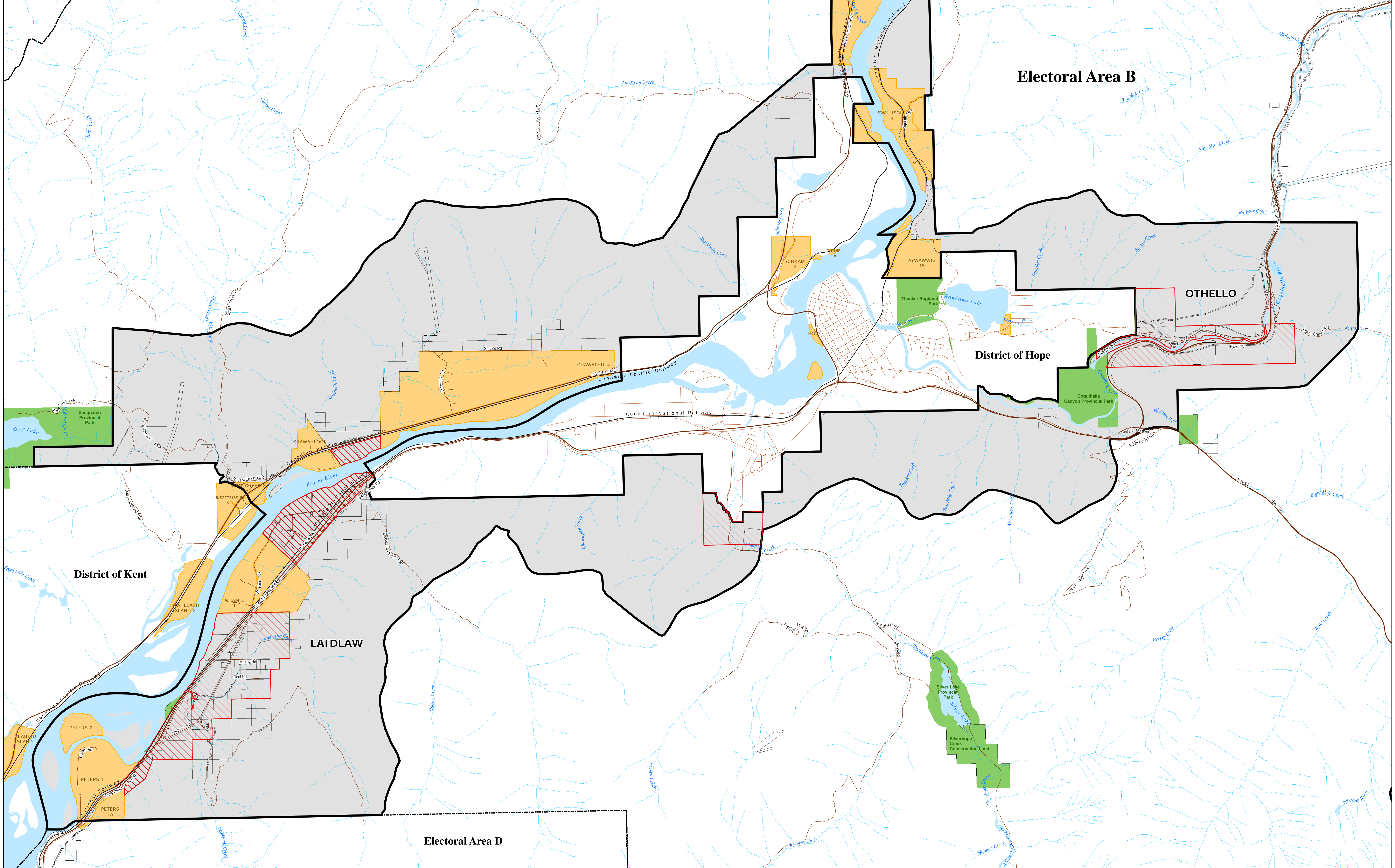
This map is part of Schedule 'A' - Plan of Restricted and Community Areas, which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181
 Community Areas
 Restricted Areas

Map Legend
 Local Roads
 Highways
 Railways
 Streams
 Waterbodies
 Indian Reserves
 Parks and Protected Areas
 Properties

Bylaw No. 1181, 2014
 Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
 Mapsheet 3 of 13
 Scale: 1:36,000
 Date Created: Jan 16, 2015



This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

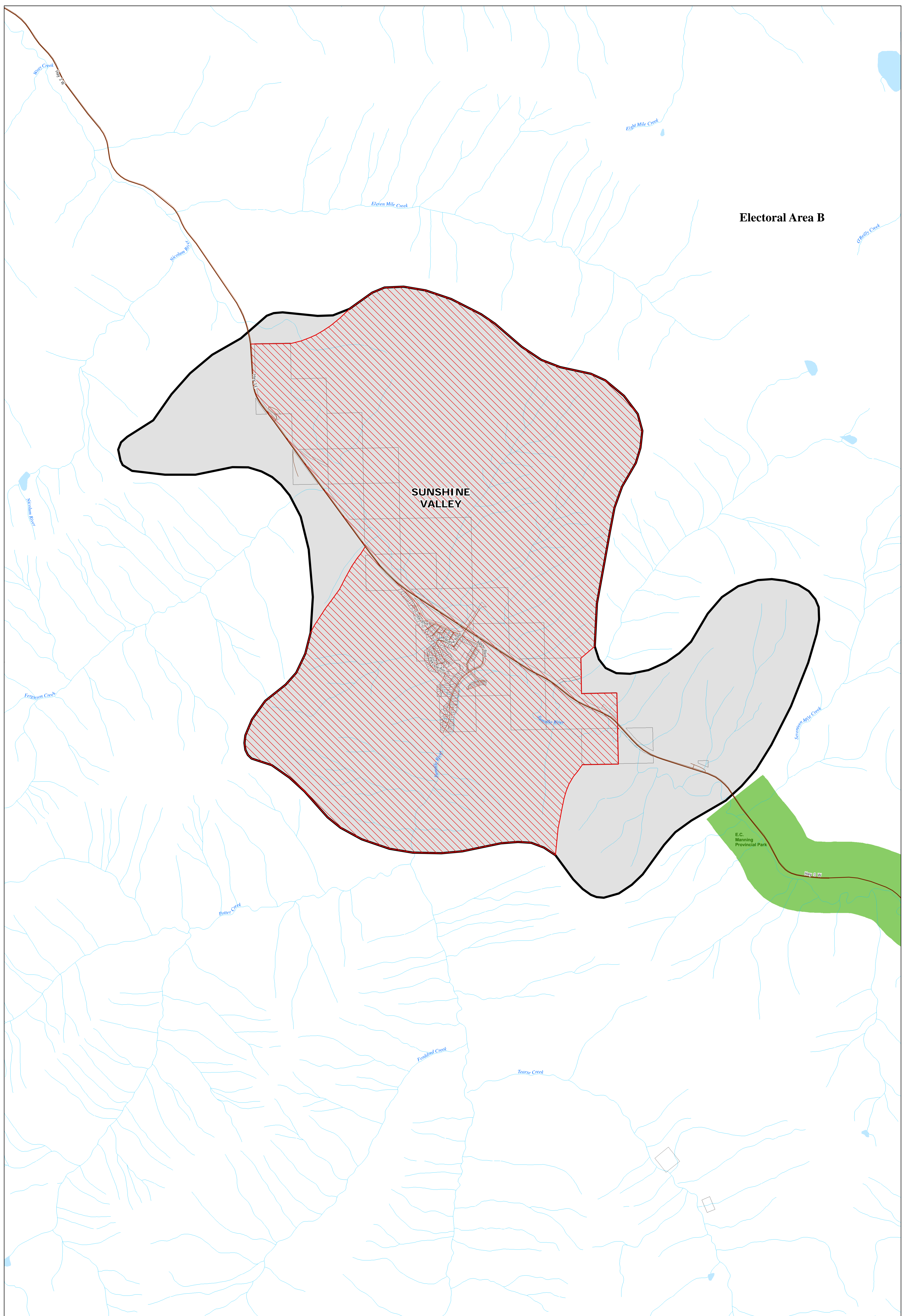
Bylaw No. 1181
 Community Areas
 Restricted Areas

Map Legend

Local Roads	Streams	Indian Reserves
Highways	Waterbodies	Parks and Protected Areas
Railways	Properties	



Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District					
Mapsheets 4 of 13		Scale		Date Created:	
0 0.3 0.6 1.2 1.8 2.4 3 Km		1:32,000		Jan 16, 2015	











This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181

-  Community Areas
-  Restricted Areas

Map Legend

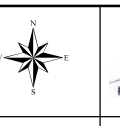
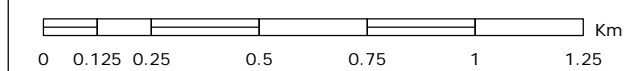
-  Local Roads
-  Highways
-  Railways
-  Streams
-  Waterbodies
-  Indian Reserves
-  Parks and Protected Areas
-  Properties

Bylaw No. 1181, 2014

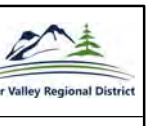
Schedule 'A' - Plan of Restricted and Community Areas
FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District

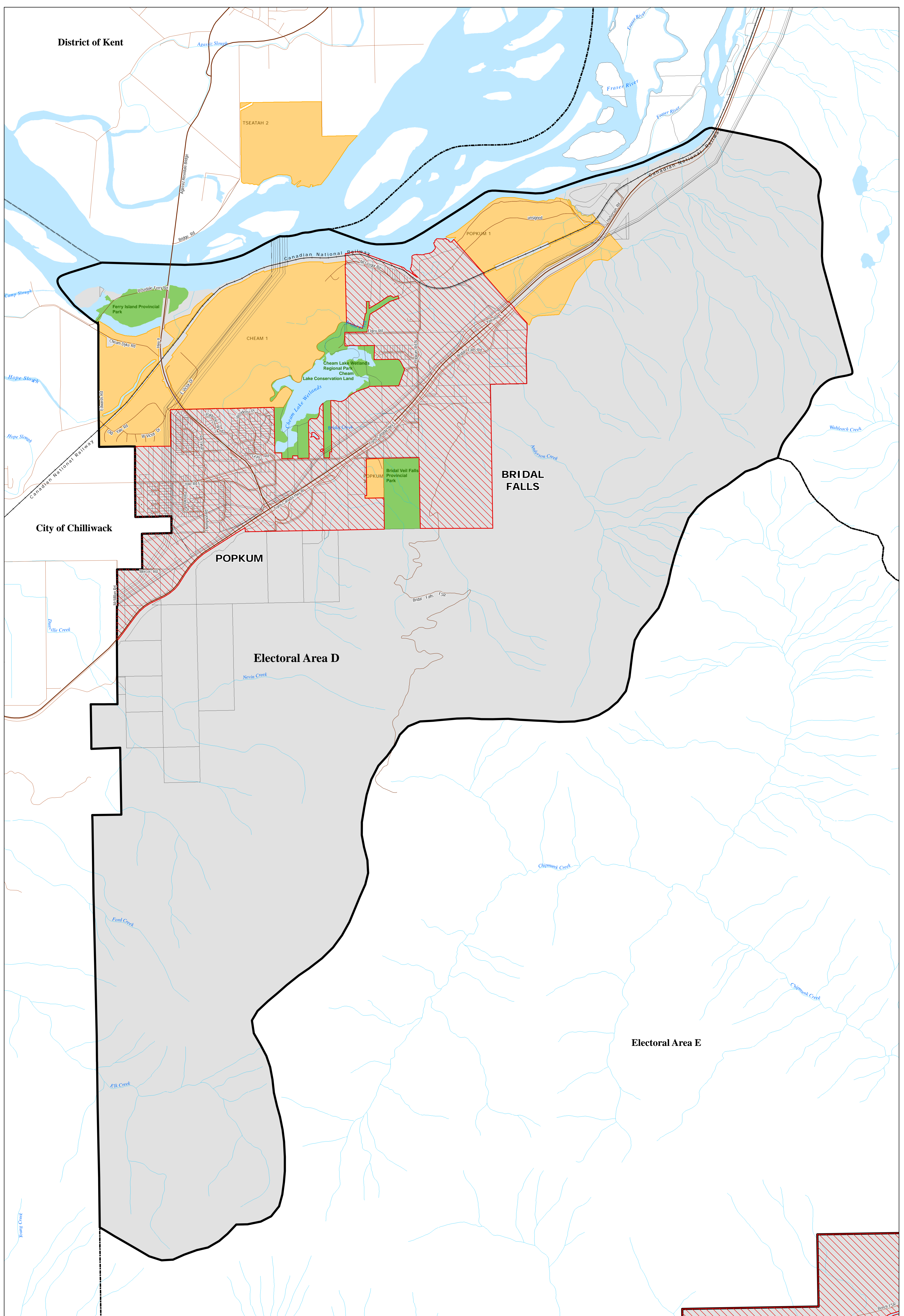
Mapsheets 5 of 13



Scale
1:17,500





Date Created:
Jan 16, 2015











This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181

-  Community Areas
-  Restricted Areas

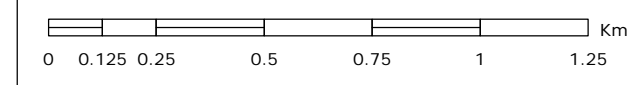
Map Legend

-  Local Roads
-  Highways
-  Railways
-  Streams
-  Waterbodies
-  Indian Reserves
-  Parks and Protected Areas
-  Properties

Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

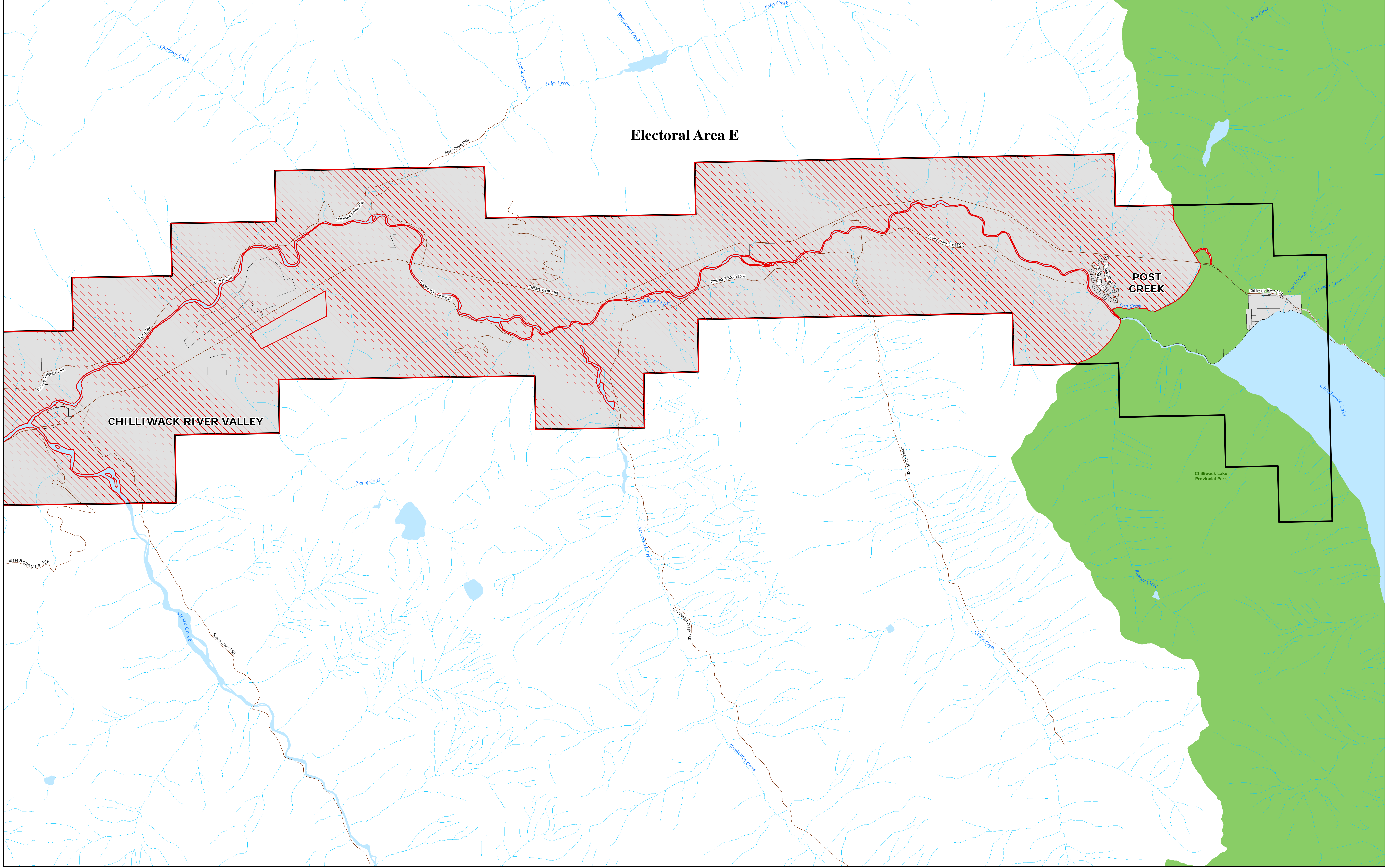
Fraser Valley Regional District

Mapsheet 6 of 13





Scale: 1:17,500
 Date Created: Jan 16, 2015













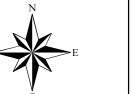

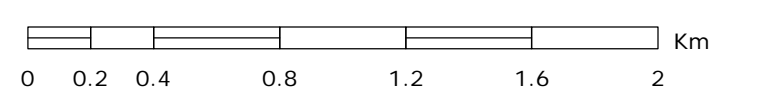
This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

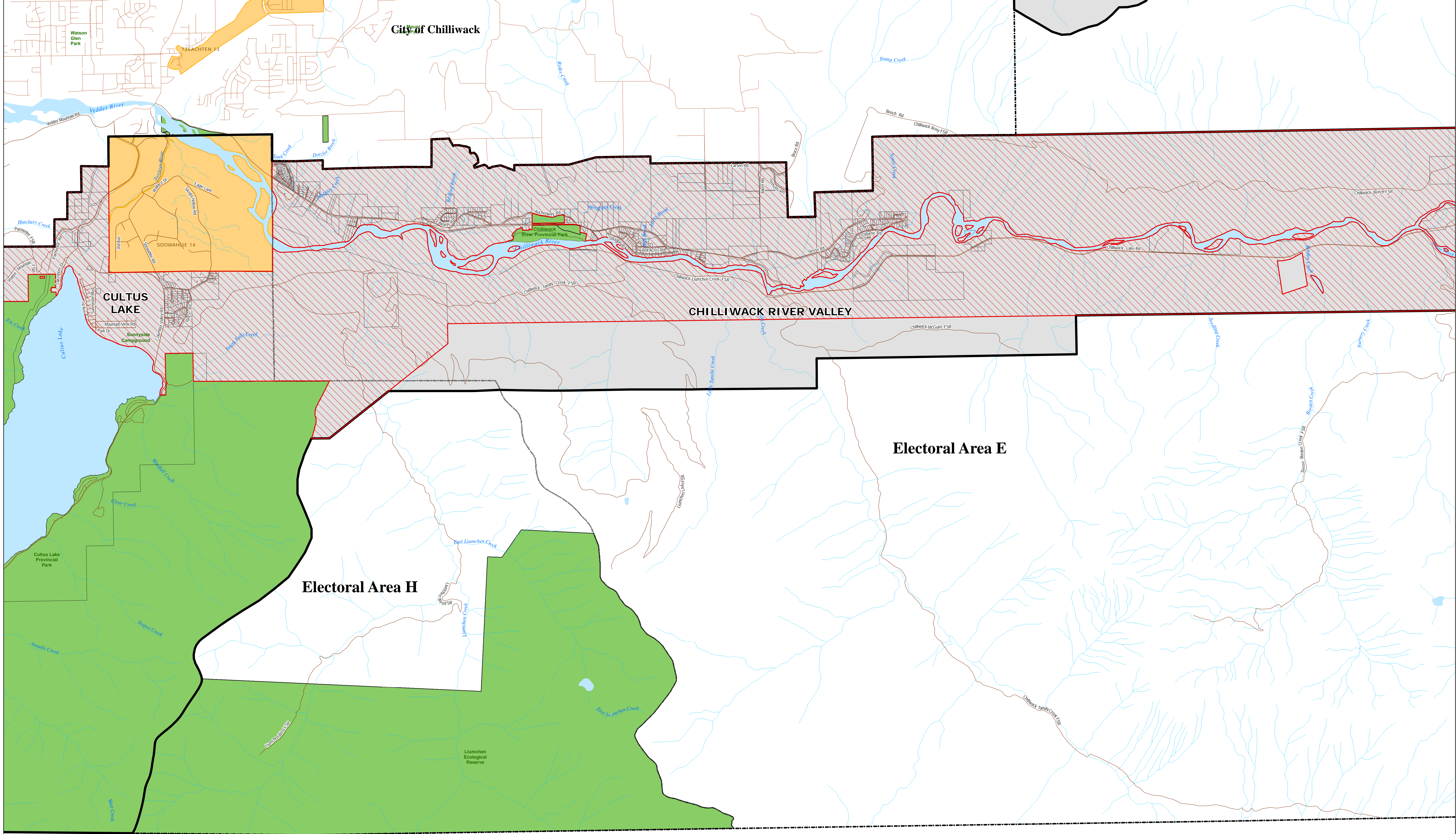
Bylaw No. 1181
 Community Areas
 Restricted Areas

Map Legend

 Local Roads	 Streams	 Indian Reserves
 Highways	 Waterbodies	 Parks and Protected Areas
 Railways	 Properties	

Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District Mapsheets 7 of 13		 Scale 1:24,000	 Date Created: Dec. 17, 2015
			



Washington, USA

This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181
 Community Areas
 Restricted Areas

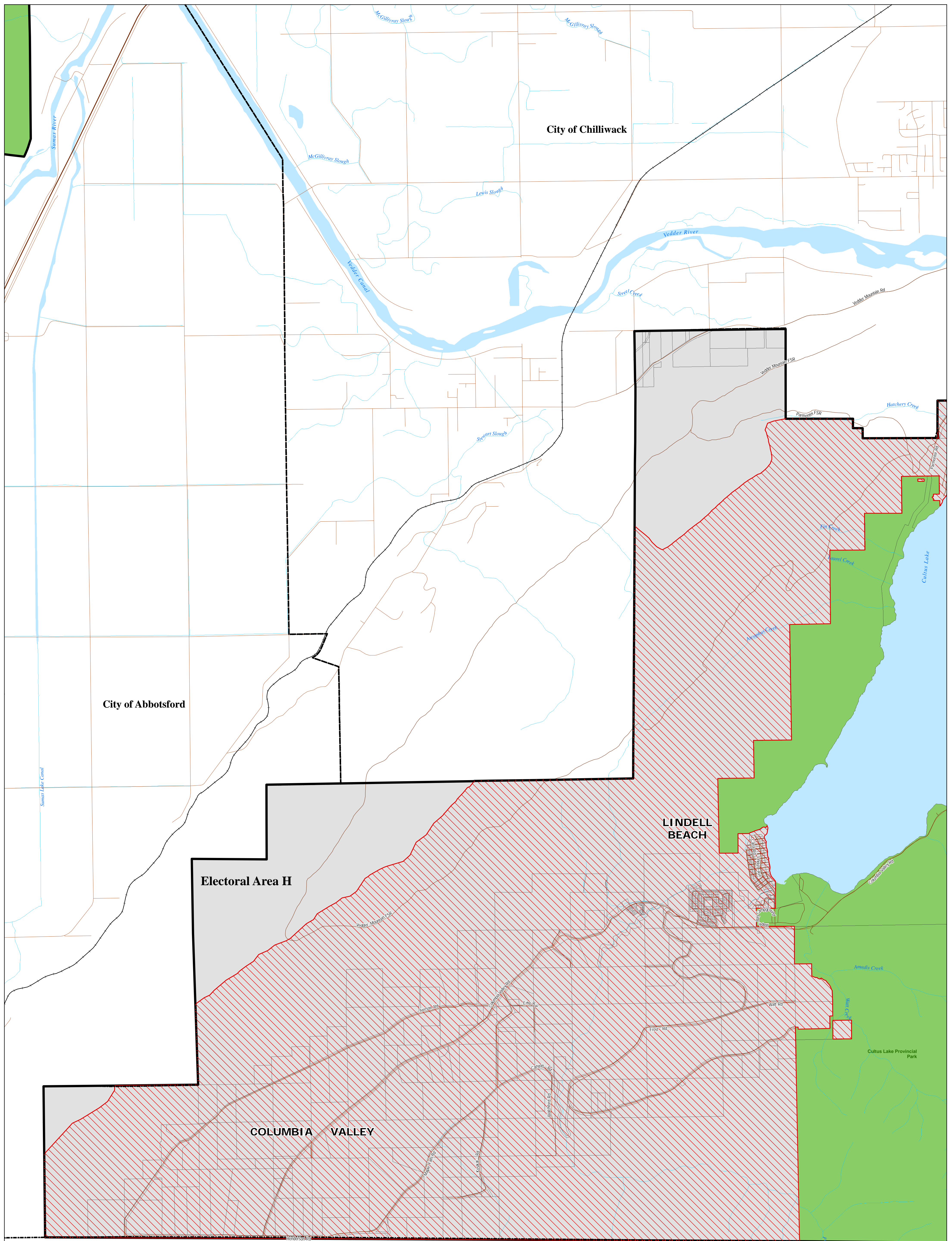
Map Legend
 Local Roads
 Highways
 Railways
 Streams
 Waterbodies
 Indian Reserves
 Parks and Protected Areas
 Properties

Bylaw No. 1181, 2014
 Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
 Mapsheet 8 of 13

Scale: 1:24,000

Date Created: Dec. 17, 2015



Washington, USA

This map is part of Schedule 'A' - Plan of Restricted and Community Areas, which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181

- Community Areas
- Restricted Areas

Map Legend

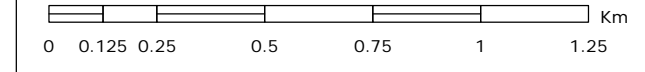
- Local Roads
- Streams
- Indian Reserves
- Highways
- Waterbodies
- Parks and Protected Areas
- Railways
- Properties

Bylaw No. 1181, 2014

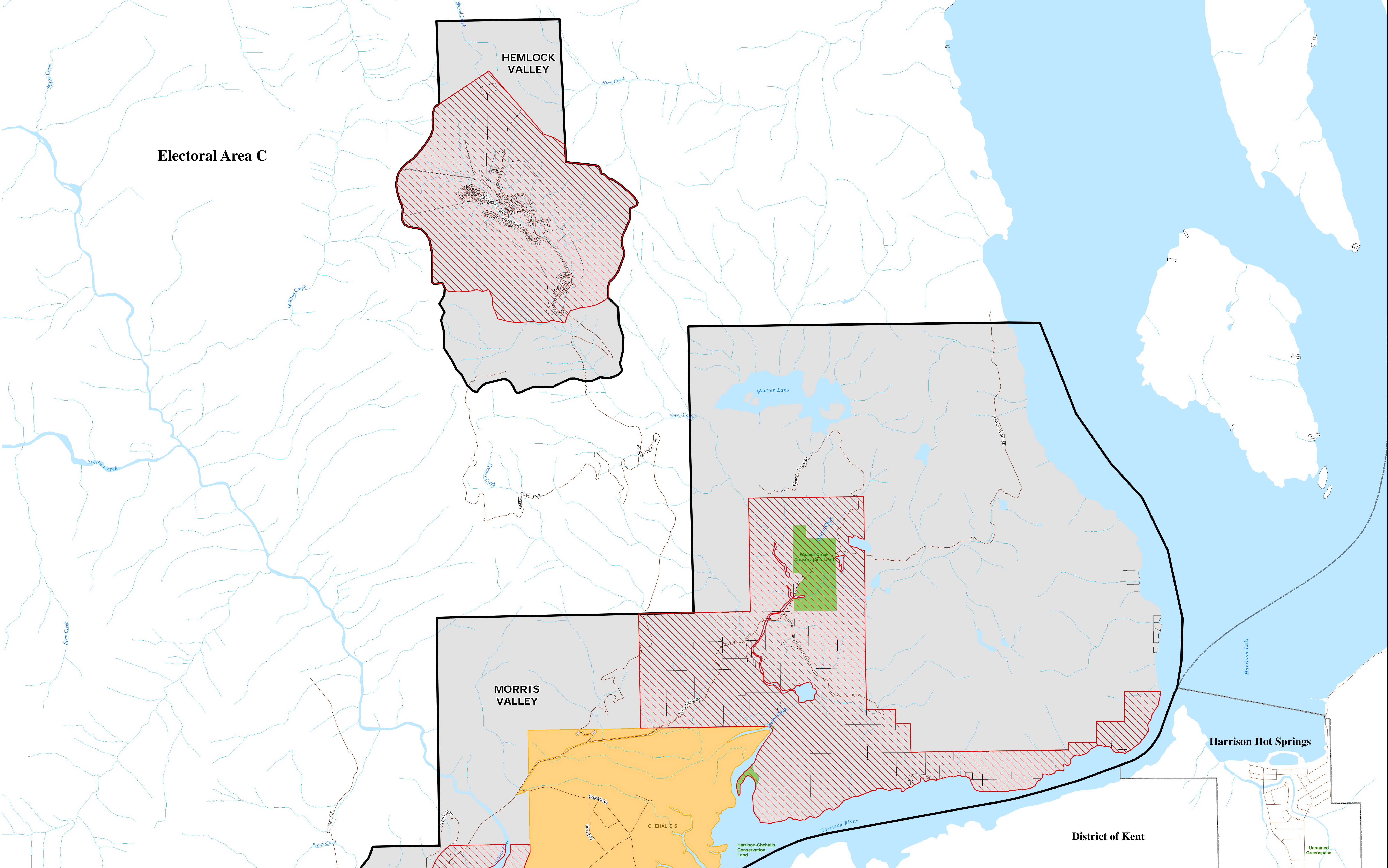
Schedule 'A' - Plan of Restricted and Community Areas
FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District



Mapsheet 9 of 13







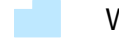



Scale: 1:17,500
Date Created: Jan 16, 2015



This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181
 Community Areas
 Restricted Areas

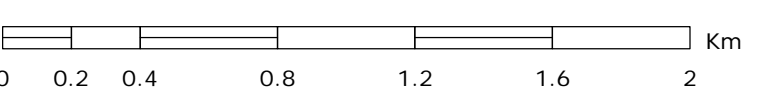


Map Legend

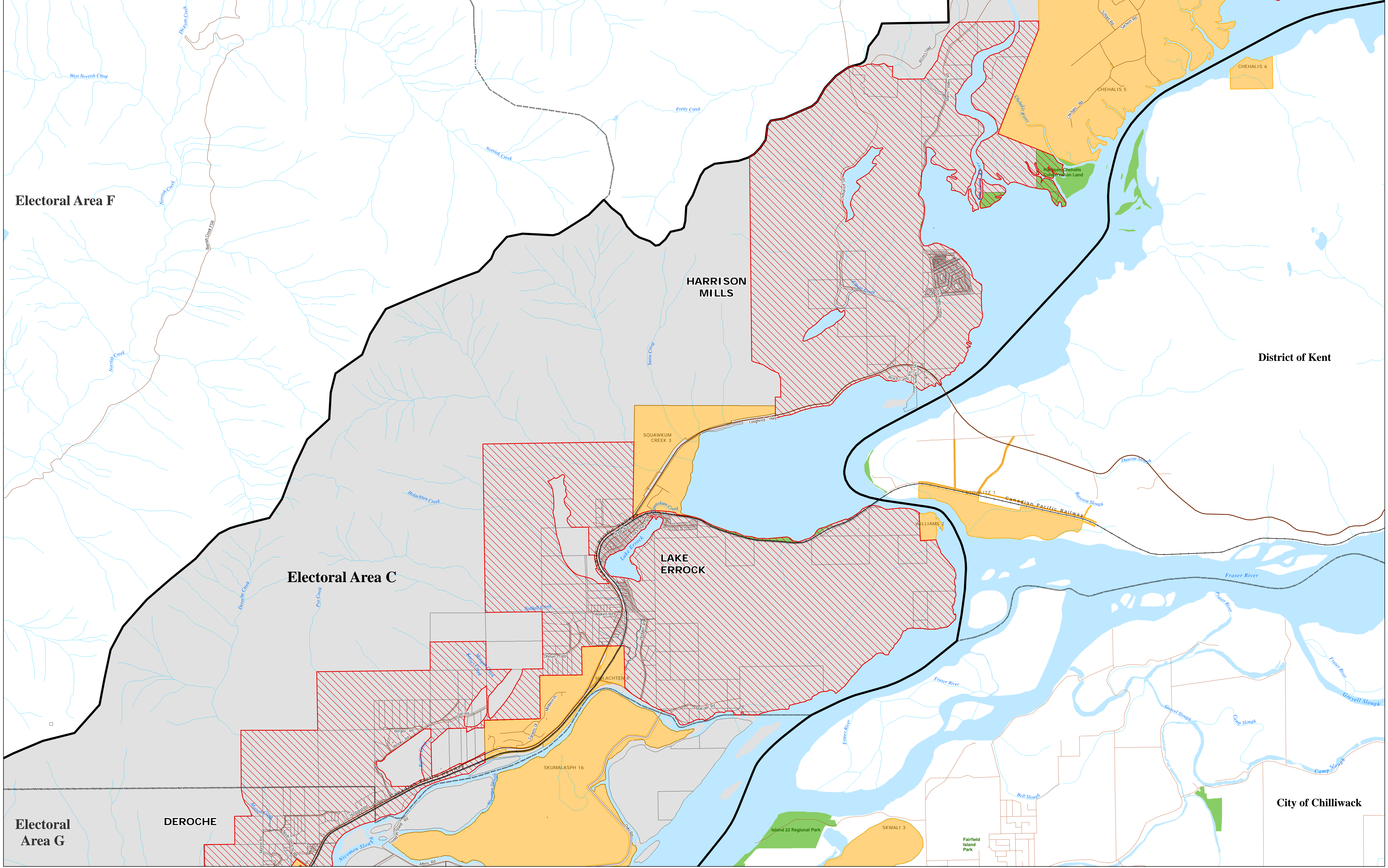
 Local Roads	 Streams	 Indian Reserves
 Highways	 Waterbodies	 Parks and Protected Areas
 Railways	 Properties	

Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
Mapsheets 10 of 13

Scale: 1:22,000
 Date Created: Jan 16, 2015



Electoral Area F

HARRISON MILLS

Electoral Area C

LAKE ERROCK

Electoral Area G

DEROCHE

District of Kent

City of Chilliwack

This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181

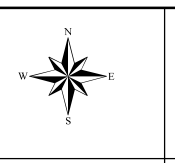
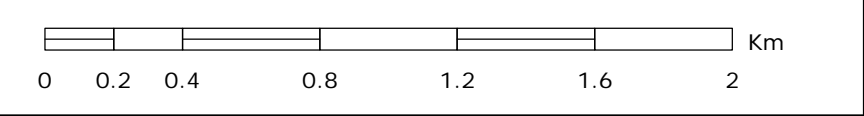
- Community Areas
- Restricted Areas

Map Legend

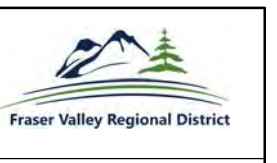
- Local Roads
- Highways
- Railways
- Streams
- Waterbodies
- Indian Reserves
- Parks and Protected Areas
- Properties

Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

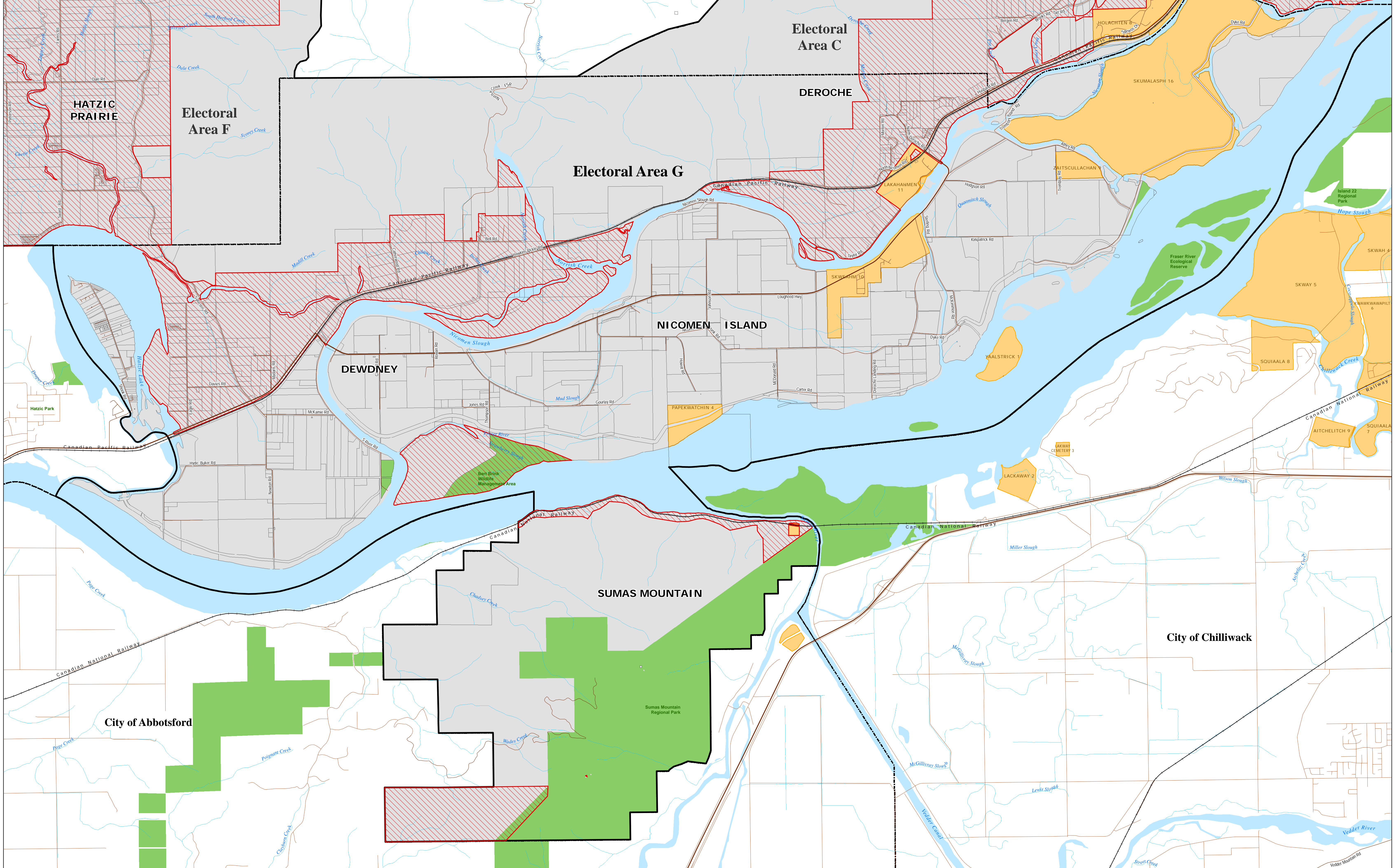
Fraser Valley Regional District
Mapsheet 11 of 13





Scale
1:22,000








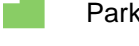
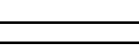
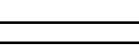
Date Created:
Jan 16, 2015



This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181
 Community Areas
 Restricted Areas

Map Legend

 Local Roads	 Streams	 Indian Reserves
 Highways	 Waterbodies	 Parks and Protected Areas
 Railways	 Properties	

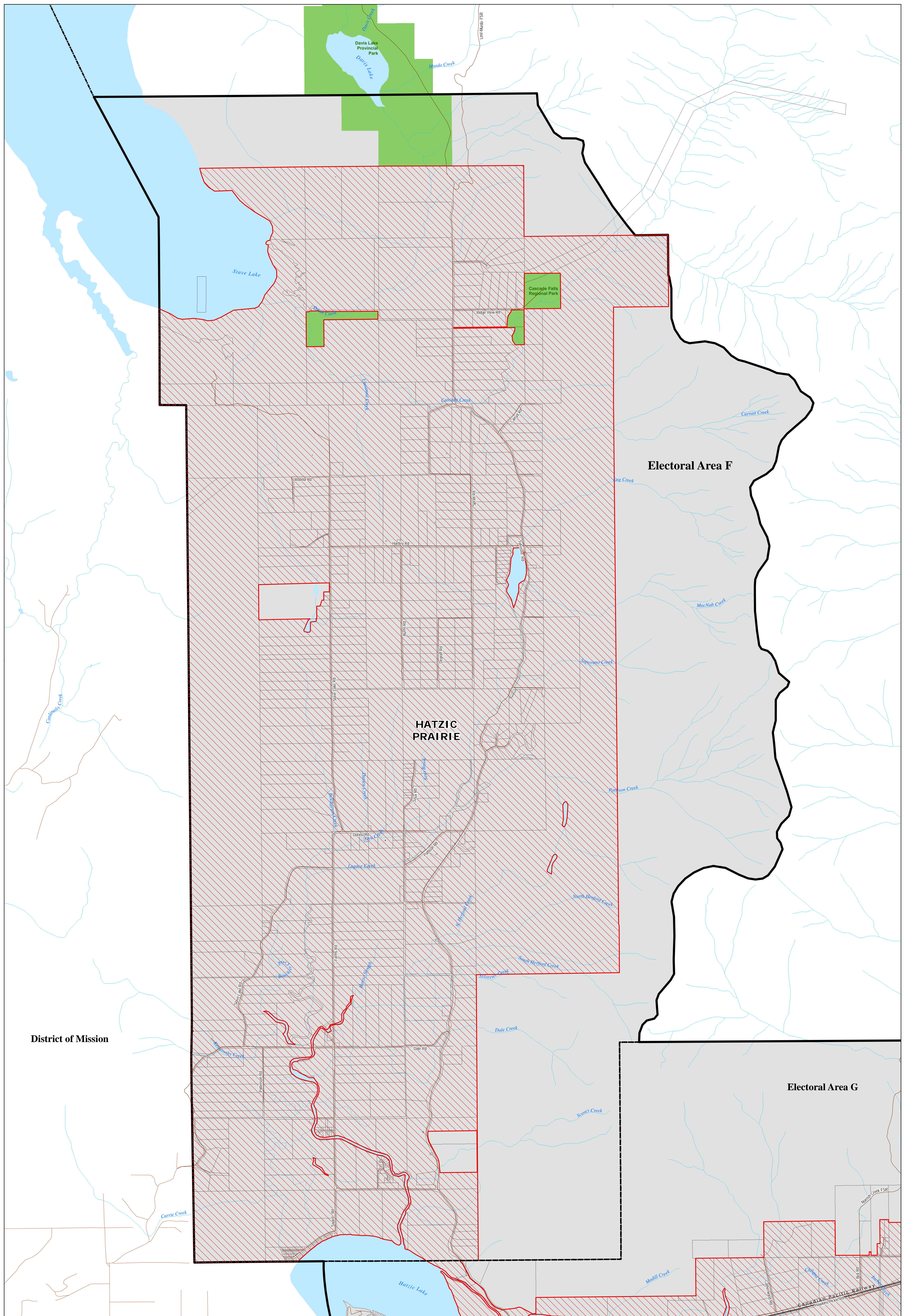
Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District
Mapsheet 12 of 13

Scale: 1:23,000



0 0.2 0.4 0.8 1.2 1.6 2 Km

 Scale: 1:23,000
 Date Created: Jan 19, 2016











This map is part of Schedule 'A' - Plan of Restricted and Community Areas which is an integral part of FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

Bylaw No. 1181

-  Community Areas
-  Restricted Areas

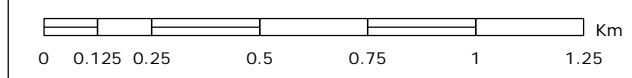
Map Legend

-  Local Roads
-  Highways
-  Railways
-  Streams
-  Waterbodies
-  Indian Reserves
-  Parks and Protected Areas
-  Properties

Bylaw No. 1181, 2014
Schedule 'A' - Plan of Restricted and Community Areas
 FVRD Commercial Gravel Operations Bylaw No. 1181, 2014

Fraser Valley Regional District

Mapsheet 13 of 13



Scale: 1:17,500
 Date Created: Dec. 17, 2015

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "B-1"

CONFIRMATION OF COMMITMENT BY PERMIT HOLDER AND BY COORDINATING PROFESSIONAL

Date: _____

To: Chief Administrative Officer
Fraser Valley Regional District
1 - 45950 Cheam Avenue
Chilliwack, B.C. V2P 1N6

Dear Sir or Madam:

Re: _____
address and nature of the project (print)

The undersigned has retained _____
as a *coordinating professional* to coordinate the design work, *field reviews*, monitoring, reporting, and certification required for the project in order to ascertain that the project will comply with FVRD Commercial Gravel Operations Bylaw No. 1181, 2014 and remains in compliance throughout the duration of the operation.

"Field reviews" are defined to mean those reviews of the work at a project site of a development to which a permit relates that a *registered professional* in his or her professional discretion considers necessary to ascertain whether the work substantially complies in all material respects with the plans and supporting documents prepared by the *registered professional* for which the *permit* is issued.

A *coordinating professional* must be retained by the permit holder throughout the period of the permit.

The *permit holder* and the *coordinating professional* have carefully read FVRD Commercial Gravel Operations Bylaw No. 1181, 2014. The *permit holder* and the *coordinating professional* acknowledge their responsibilities, including their responsibility to each notify the addressee of this letter of the date the *coordinating professional* ceases to be retained or, if that is not possible, then as soon as possible.

The *permit holder* and the *coordinating professional* understand that where the *coordinating professional* ceases to be retained at any time during construction, a new *coordinating*

professional will be retained as quickly as possible and a new letter in the form set out in Schedule "B-1" will be filed with the Regional District.

The undersigned *coordinating professional* certifies that he or she is a *registered professional* retained as the *coordinating professional* as defined in Fraser Valley Regional District Commercial Gravel Operations Bylaw No. 1181, 2014.

Coordinating Professional

Permit Holder

Coordinating Professional's Name (Print)

Permit Holder's Name (Print)

Signature of Coordinating Professional

Signature of Permit Holder or appointed agent. (If the permit holder is a corporation, the signature of a signing officer must be given. If the signature is that of the agent, a copy of the document that appoints the agent must be attached.)

Date

Date

Address (Print)

Name of Agent or Signing Officer, if applicable (Print)

Address (Print)

Occupation (Print)

(professional seal and signature)

If the Registered Professional is a member of a firm, complete the following:

I am a member of the firm _____
(print name of firm)

and I sign this letter on behalf of the firm.

This letter must be signed by the *permit holder* and by the *coordinating professional*. An agent's letter of appointment must be attached. If the *permit holder* is a corporation, the letter must be signed by a signing officer of the corporation and the signing officer must set forth his or her position in the corporation.

FVRD Commercial Gravel Operations Bylaw No. 1181, 2014, defines a *coordinating professional* to mean a registered professional engineer with expertise in mining engineering designated by the permit holder to coordinate applications and review and report on compliance with FVRD Bylaw No. 1181 and *permit* conditions.

- Note:
1. This letter must be submitted before issuance of a Permit.
 2. In this letter the words in italics have the same definition as in the FVRD Commercial Gravel Operations Bylaw No. 1181, 2014.

END of Schedule "B-1"

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "B-2"
STATEMENT OF ASSURANCE BY REGISTERED PROFESSIONAL

To: Chief Administrative Officer
Fraser Valley Regional District
1 - 45950 Cheam Avenue
Chilliwack, B.C. V2P 1N6

Date: _____

Dear Sir or Madam:

Re:

_____ nature of the proposed works (print)

For the property:

Civic Address: _____

Legal Description: _____

PID: _____

With reference to (check one):

- Noise Control Plan
- Dust Mitigation Plan
- Drinking Water Assurance Plan
- Other: _____

I have signed, sealed and dated, and thereby certified, the attached report in accordance with good engineering practices, professional standards, and the requirements of FVRD Commercial Gravel Operations Bylaw No. 1181. The report must be read in conjunction with this statement. In preparing the report, I have:

check to the left of applicable items

- _____ 1. Collected and reviewed appropriate background information
- _____ 2. Reviewed the proposed works and development on the property or land

- _____ 3. Conducted field work on and, if required, beyond the property
- _____ 4. Reported on the results of the field work on and, if required, beyond the property
- _____ 5. Considered any changed conditions on and, if required, beyond the property
- _____ 6. For a Noise Control Plan I have:
 - _____ 6.1 Identified sources of noise within the aggregate operation
 - _____ 6.2 Identified mitigation measures specific to noise sources
 - _____ 6.3 Identified and, as required, designed measures to prevent the transmission of noise exceeding the standards of the bylaw beyond the permit area
 - _____ 6.4 Provided a noise control plan that, in the opinion of the registered professional, will result in noise levels that comply with this bylaw
- _____ 7. For a Dust Mitigation Plan I have:
 - _____ 7.1 Identified sources of dust associated with the operation
 - _____ 7.2 Identified and, as required, designed, specific primary and contingency methods to control dust at each source
 - _____ 7.3 Identified general methods proposed to be used to prevent the transmission of dust from within the permit area to adjacent lands
 - _____ 7.4 Identified proposed methods to be used to monitor and report on dust emissions
 - _____ 7.5 Provided a dust mitigation plan that, in the opinion of the registered professional, will result in dust levels that comply with this bylaw
- _____ 8. For a Drinking Water Assurance Plan I have:
 - _____ 8.1 Provided information about the *Community Water System drinking water source* including its location, aquifer characteristics, water quantity, physical parameters of water quality, microbiological and health-related chemical parameters of water quality and other relevant factors determined by the qualified registered professional;
 - _____ 8.2 Identified and assessed potential risks to the *drinking water source* associated with the aggregate removal or processing;
 - _____ 8.3 Made recommendations for protection of microbiological and health-related chemical parameters of water quality and the quantity of flow of drinking water sources, including recommendations for periodic monitoring, not less than annually
 - _____ 8.4 Identified proposed methods of protection of the microbiological and health-related chemical parameters quality and quantity of drinking

water sources on and adjacent to the *permit area* while *aggregate removal or processing* is being undertaken

- _____ 8.5 Provided a drinking water assurance plan which includes a statement that, in the opinion of that *registered professional*, the measures outlined in the report will ensure that the proposed *aggregate removal or processing* will not result in a drinking water health hazard and will not reduce the quantity of flow of a drinking water source

I acknowledge and affirm that:

- Fraser Valley Regional District is relying on the report for the purposes of Commercial Gravel Operations Bylaw No. 1181;
- I will notify the Chief Administrative Officer of the Fraser Valley Regional District in writing if I become aware of any change in conditions or new information that changes the conclusion in the report or the information I have provided; and,
- I am a registered professional in good standing who is qualified in the particular area with respect to which the report relates.

Name

Date

Signature

professional seal

END of Schedule "B-2"

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "B-3"
ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE

To: Chief Administrative Officer
Fraser Valley Regional District
1 - 45950 Cheam Avenue
Chilliwack, B.C. V2P 1N6

Date: _____

Dear Sir or Madam:

Re:

name and brief description of the aggregate removal and/or processing operation (print)

Located at:

Civic Address: _____

Legal Description: _____

PID: _____

With reference to (check all that apply):

- Annual report by Coordinating Professional
- Noise Control (monitoring and compliance report)
- Dust Mitigation (monitoring and compliance report)
- Community Drinking Water (monitoring and compliance report)
- Other: _____

For the period: _____
time period (print)

I have signed, sealed and dated, and thereby certified, the attached annual monitoring and compliance report in accordance with good engineering practices, professional standards, and the requirements of FVRD Commercial Gravel Operations Bylaw No. 1181. That report must be read in conjunction with this statement. In preparing the report, I have:

check to the left of applicable items

- 1. Collected and reviewed appropriate background information including FVRD Commercial Gravel Operations Bylaw No. 1181 and the permit issued pursuant to this bylaw in respect of the aggregate removal and/or processing operation
- 2. Reviewed the proposed works and development within the permit area
- 3. Conducted field work on and, if required, beyond the permit area
- 4. Reported on the results of the field work on and, if required, beyond the permit area
- 5. Considered any changed conditions on and, if required, beyond the permit area

I have undertaken a field review respecting the matter or matters referenced above and for the period referenced above.

I hereby give assurance that:

check one

- The aggregate removal and processing substantially comply in all material respects with:
- the descriptions, plans, and specifications submitted by the permit holder in support of the permit application;
 - all conditions of the applicable permit issued under FVRD Commercial Gravel Operations Bylaw No. 1181; and,
 - the requirements of FVRD Commercial Gravel Operations Bylaw No. 1181.
- OR**
- The aggregate removal and processing do not substantially comply in all material respects with:
- the materials submitted by the permit holder in support of the permit application;
 - all conditions of the applicable permit issued under FVRD Commercial Gravel Operations Bylaw No. 1181; and,
 - the requirements of FVRD Commercial Gravel Operations Bylaw No. 1181.

All material non-compliance are identified and described in the attached report along with recommendations to bring the operation into compliance.

I acknowledge and affirm that the Regional District is relying on the report the purposes of FVRD Commercial Gravel Operations Bylaw No. 1181.

I will notify the Chief Administrative Officer of the Fraser Valley Regional District in writing if I become aware of any change in conditions or new information that changes the conclusion in the report or the information I have provided.

I am a registered professional in good standing who is qualified in the particular area with respect to which the report relates.

Name

Date

Signature



END of Schedule "B-3"

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "C"
SIGN SPECIFICATIONS

1.0 Design Specifications

Notification signs shall be designed and constructed substantially in accordance with the diagram and specifications below.

<p>FRASER VALLEY REGIONAL DISTRICT COMMERCIAL GRAVEL OPERATION PERMIT APPLICATION NO. XXXX-XX-XXXX-XX</p>	
<p>MAP 500 mm x 500 mm</p>	<p>Nature of the application; proposed works and activities; hours of operation; etc.</p> <p>For more information contact: Applicant name; phone number; or, Fraser Valley Regional District, tel. 1-800 528-0061</p>

- a. Sign board to be minimum 1/2" plywood, painted with white enamel or equivalent. Minimum dimensions shall be 2.4 m (8 ft.) wide and 1.2 m (4 ft.) high.
- b. A 50 mm (2") border to be painted around the perimeter of the sign. FVRD will provide colour specification.
- c. The block stating "FRASER VALLEY REGIONAL DISTRICT" to be a minimum 76 mm (3.0") high lettering. Colour specification will be provided by FVRD.

- d. The Application Title (Commercial Gravel Operation Permit Applications No. xxxx-xx-xxxx-xx) will be a minimum 76 mm (3.0") high lettering black in colour. FVRD will provide the application number and information.
- e. Wording of the "nature of the application" statement will be provided by FVRD. Letters to be 62.5 mm (2.5 ") high lettering black in colour.
- f. Contact Information to be 44.5 mm (1.75") high lettering black in colour.
- g. All sign text should be in Helvetica Medium font or equivalent.
- h. The letter height specifications contained herein are minimums. The letter height of the "nature of the proposal" statement and contact information should be increased to improve sign readability where possible.
- i. Map area should be 500 mm (20") square, with a 12.5 mm (1/2") black border around and on inside of perimeter. Map to be in black on a white background, showing adjoining road(s), lands subject to the application, civic address and north arrow. Subject property to be clearly outlined in red.
- j. All sign fabrication, lettering and painting to be to a professional standard.

2.0 Placement and Installation Specifications

Notification signs shall be placed and installed as follows:

- a. Signs shall be placed in such a location that it is clearly visible from the public highway. Each sign shall be erected at the center of the property frontage, 1 metre to 3 metres inside the property line.
- b. Where the permit area is not adjacent to a public highway, sign to be placed in a clearly visible location adjacent to a public highway approved by the Chief Administrative Officer.
- c. Sign is to be installed a minimum of 1.2 metres (4') above ground level.
- d. Sign must be clearly visible from the fronting public highway.

END of Schedule "C"

FRASER VALLEY REGIONAL DISTRICT
Commercial Gravel Operations
Bylaw No. 1181, 2014

SCHEDULE "D"
METHODS TO DETERMINE QUANTITY OF AGGREGATE REMOVED

1.0 Conversion of Weigh Scale Measurements (metric tonnes) to Cubic Metres

If weigh scale receipts are used to determine the quantity of *aggregate removed* from the *permit area* in order to calculate aggregate removal fees payable under this Part 11 of this bylaw, the following calculation shall be used to convert metric tonnes of aggregate to cubic metres of aggregate:

$$\boxed{} \text{ metric tonnes} \times 0.54 = \boxed{} \text{ cubic metres}$$

unless the *permit holder* has provided, as a part of a permit application, permit renewal or permit amendment application, a different conversion factor for the *aggregate* to be removed from the *permit area* which conversion factor has been scientifically determined and certified by a qualified *registered professional*.

2.0 Volume Surveying

If volumetric mapping (i.e. photogrammetry and remote sensing technology) or ground survey methods are used to determine the quantity of *aggregate removed* from the *permit area* in order to calculate aggregate removal fees payable under Part 11 of this bylaw, the volume shall be determined on the basis of cubic metres of tight in-place bank aggregate.

END of Schedule "D"