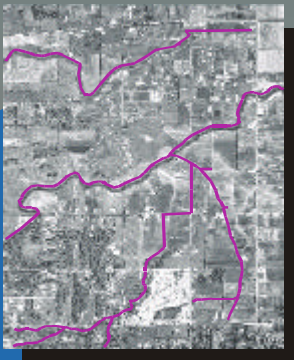


# Wild, Threatened, Endangered and Lost Streams of the Lower Fraser Valley



## Summary Report 1997

Lower Fraser Valley Stream Review, Vol. 3



Fisheries & Oceans  
Canada  
Fraser River  
Action Plan

Pêches et Océans  
Canada  
Plan d'action  
du Fraser



BRITISH  
COLUMBIA

Canada

# **Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley Summary Report 1997**

**Lower Fraser Valley Stream Review, Vol. 3**

Prepared for:

**Fraser River Action Plan**

Habitat and Enhancement Branch  
Fisheries and Oceans Canada  
360-555 W. Hastings St.  
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## **PREFACE**

This study was conducted to evaluate the condition of the streams of the Lower Fraser Valley. The **Wild, Threatened, Endangered and Lost Streams of the Lower Fraser Valley – Summary Report** provides a classification that indicates the health of a stream, based on a number of criteria. The watersheds in the Lower Fraser Valley (LFV) have been subjected to intense urban and rural development pressures for many decades. The great majority of pre-settlement streams in the Vancouver area have been buried or culverted, and many are effectively lost (Lost Streams map poster, DFO, 1995). This report reviews the condition of many of the remaining streams in the Lower Fraser Valley, and classifies them as lost, endangered, threatened, or wild, based on the number and types of impacts on the stream, including channelization, water diversion, removal or alteration of riparian vegetation, and pollution. This information can be used at a strategic level when determining needs for habitat protection and restoration for endangered and threatened streams which still have the potential to produce viable populations of salmon and other species of fish.

It is hoped that this document (and its companion publications) will be used by all potential partners to better steward this valuable public resource, and direct development away from environmentally sensitive aquatic areas. To assist stewardship efforts, the Fraser River Action Plan, Fisheries and Oceans Canada (DFO) has produced this document, which is part of a three volume package of information on streams of the Lower Fraser Valley. The three volumes in the **Lower Fraser Valley Stream Review** series include:

**Volume 1: Lower Fraser Valley Streams Strategic Review, 1997 (1998)\***

A comprehensive 450 page review of salmon bearing streams in the Lower Fraser Valley. Contains maps and appendices (watershed codes, escapement data, stream hydrographs).

**Volume 2: Lower Fraser River Stream Inventory Atlas** (First edition, September 1996; Second edition, with Stream Name Maps, March 1998\*)

Contains 47 orthophoto maps (and accompanying stream name index maps) with TRIM overlay, showing fish presence/absence. *The atlas or individual maps can be purchased from: Archetype Print Ltd., #459-409 Granville Street, Vancouver, B.C., V6C 1T2, ph: 604-602-0282; fax: 604-602-0283.*

**Volume 3: Wild, Endangered, Threatened and Lost Streams of the Lower Fraser Valley – Summary Report, 1997 (1998)**

A 40 page report on the classification of 662 streams in the Lower Fraser Valley as lost, endangered, threatened or wild. Includes classified streams map of the Lower Fraser Valley.

*Volumes 1 and 3 are available from Fisheries and Oceans Canada at the address below.*

**For further information please contact:**  
Habitat and Enhancement Branch  
Fisheries and Oceans Canada  
360 - 555 W. Hastings St.  
Vancouver, B.C. V6B 5G3  
fax: 604-666-0417

**\*Note:** For more information about fish distribution, stream mapping, the Streamkeepers database and Urban Salmon Initiative, a Community Directory and Stream Survey Tracking System, see the Fish Habitat Inventory and Information Program on the Fisheries and Oceans Canada (Pacific Region) Internet site, at <<http://habitat.pac.dfo.ca>>.

## **USE OF THIS REPORT**

### **Classification Process**

The **Wild, Threatened, Endangered and Lost Streams of the Lower Fraser Valley – Summary Report** was intended to provide a snapshot in time of the overall condition of a stream using a number of stream health indicators. These indicators were used to assign stream classifications, which were determined through interviews, literature and map reviews, and consensus based assessments. Both quantitative (impact criteria) and qualitative (field knowledge of the area) measures were used. Neither the report nor the map are intended to be used for specific stream inventory needs.

A significant number of streams have been classified; however, this exercise could not be as thoroughly comprehensive as DFO and the authors felt it could be due to limitations of time and resources. In addition, since conditions are constantly changing, especially in the settlement areas of the Lower Fraser Valley, stream conditions may have changed since the time of this study - in either a positive or negative direction.

### **Classified Streams Draft Map**

The map accompanying this report is a Draft Map, showing the results of the classification process. It is not considered a final product due to the limitations in time and resources for this project (as noted above). The map is a digital product and provides general graphic representation of the streams and rivers in the Lower Fraser Valley. The map base is the 1:50,000 BC Watershed Atlas. As a result, many small watercourses have not been captured, and not all of the streams in the database could be shown (i.e. those that do not have watershed codes). Since watershed codes have been used stream classification digitization process, a record of an impact under the criteria used to assess the stream triggers colour coding of the entire stream. (For some of the larger systems, this automatic process has been modified).

### **Use of the Report and Map**

While the classification analysis and the stream map do show certain trends in stream health according to area, agencies, groups or individuals wishing to address management concerns regarding a given stream system should not use this document or map as an exclusive source of information. On-the-ground reconnaissance, interviews with agencies and individuals knowledgeable about the system, review of maps, etc., should be conducted. Resources for current information include Fisheries and Oceans Canada staff (such as Community Advisors), Ministry of Environment, Lands and Parks (MELP) staff, local community stream stewardship groups (e.g. Streamkeepers group), DFO and MELP Internet inventory and mapping resources (described in text), and municipal planning offices.

## **ACKNOWLEDGEMENTS**

The **Wild, Threatened, Endangered and Lost Streams of the Lower Fraser Valley –Summary Report** was funded and produced by the Fraser River Action Plan (FRAP), Fisheries and Oceans Canada (DFO), under the federal Green Plan; the Habitat Restoration and Salmon Enhancement Program (DFO) also assisted with funding. The BC Ministry of Environment, Lands and Parks (Surrey Region) provided technical support throughout the project. This document is Volume 3 of the Lower Fraser Valley Stream Review series.

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**Lost Streams coverage for Township of Langley:** Langley Environmental Partners Society

Workshop participants and individuals who contributed to the stream classification exercise are included in Appendix E.

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Back Pocket Wild, Threatened, Endangered and Lost Streams of the Lower Fraser Valley –Stream Status



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## **1. INTRODUCTION**

The watersheds in the Lower Fraser Valley (LFV) have been subjected to intense urban and rural development pressures for many decades. The great majority of pre-settlement streams in the Vancouver area have been buried or culverted, and many are effectively lost (Lost Streams of the Lower Fraser River map poster, DFO, 1995). Most of the remaining streams in the Lower Fraser Valley have been altered in one or more ways, including channelization, diversion, removal or alteration of riparian vegetation, and by pollution. This project was designed to expand the scope and study area covered by the original Lost Streams map poster (DFO, 1995), which focused on the area from Vancouver to Pitt Meadows. The objectives of the current project are to 1) identify lost streams, and to 2) evaluate the condition of the streams that remain, for the entire Lower Fraser Valley (LFV). Both projects were conducted by the Fraser River Action Plan, Fisheries and Oceans Canada (DFO).

The LFV study area includes all the streams from the Strait of Georgia east to the Coquihalla Watershed (Hope), and from the north shore mountains to the United States border. A second analysis of streams most directly influenced by settlement was also conducted. Streams that are outside of the major settlement areas (i.e. upper Stave, Pitt, Coquitlam Rivers etc.) were not included in this analysis (see Figure 1 for delineation of settlement area). In addition, the mainstem of the Fraser River and the estuary area were not included in this review.

The results of this research have been plotted on a 1:50,000 basemap (Watershed Atlas), and recorded in the DFO Geographic Information Systems (GIS) database. This report provides details of the methodology used for the study, and summarizes the results of the review of the condition of streams in the Lower Fraser Valley.

## **2. APPROACH AND METHODOLOGY**

The results of this study are a compilation of information from many sources – maps, airphotos, reports, and various databases. In addition, a series of workshops attended by individuals who work closely with streams in the area yielded a wealth of data based on many years of field experience.

### **2.1 Lost Stream Inventory**

Historical maps and surveyor field notes of the study area, circa the 1860s, were obtained from the Office of the Surveyor General, Ministry of the Environment, Lands, and Parks (MELP). The map references are provided in Appendix C. The historical maps were compared with contemporary National Topographic System (NTS) maps (1:20,000 and 1:50,000) and the 1:50,000 BC Watershed Atlas in order to identify streams that are no longer present in the area. These lost streams were highlighted on photocopies of the historical maps. The lost streams were digitized and incorporated into the DFO GIS database.

Figure 1 - Map of Study Area

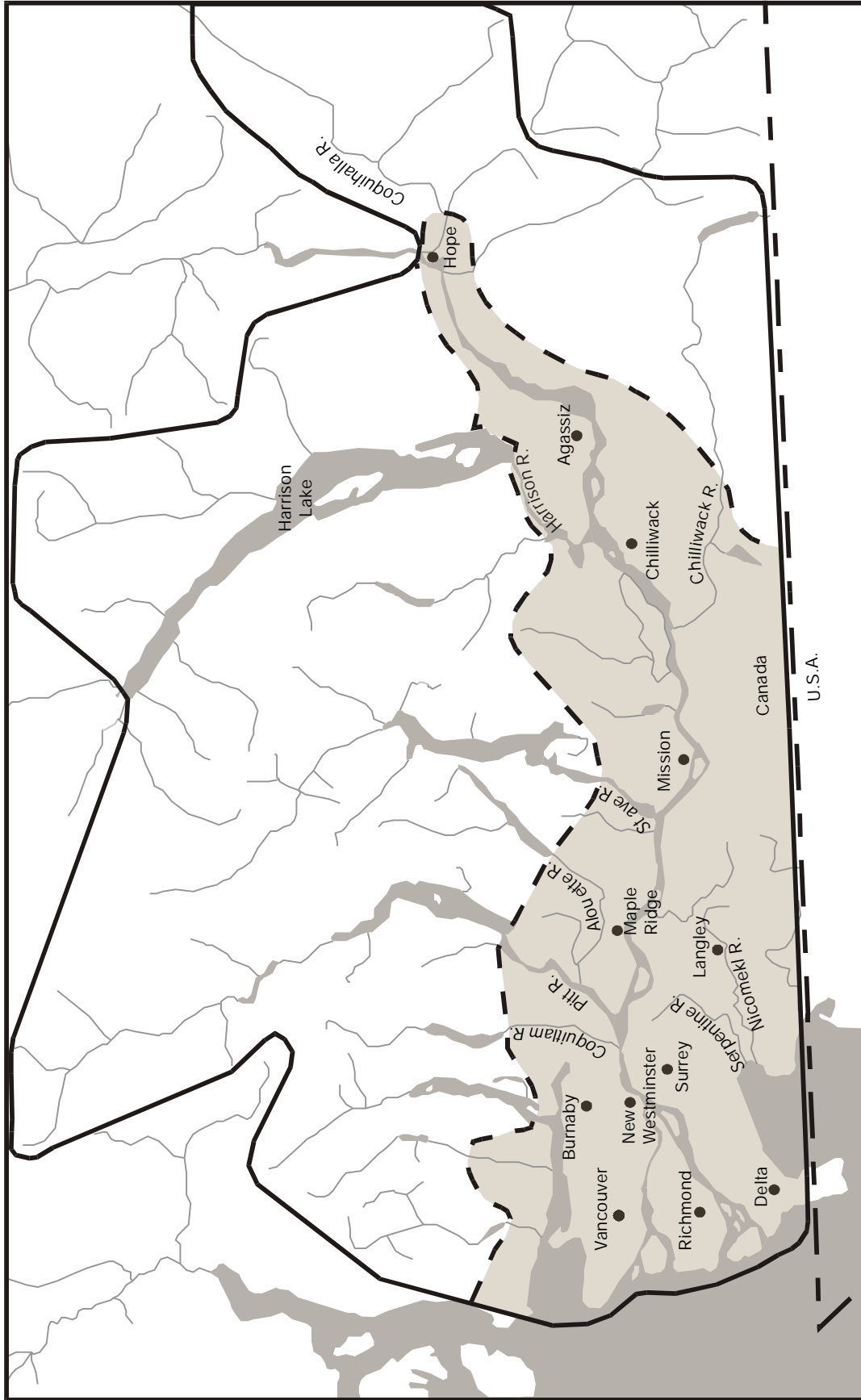


Figure 1. The Lower Fraser Valley Study Area.

Thick black line: The Lower Fraser Valley Assessed Streams Area.

Dark grey shaded area: The Lower Fraser Valley Settlement Area Streams.

## **2.2 Assessment of Existing Streams**

### **2.2.1 Classification**

Streams are classified as **lost** if they have been culverted, paved over, drained or filled, and generally no longer exist as a surface waterway.

The remaining streams have been classified as **endangered**, **threatened**, or **wild**. To classify streams into these categories, a set of impact criteria were developed to evaluate the status of each stream in the study area. The impact criteria are as follows:

- significant loss of riparian vegetation along more than 50% of the fish frequented length of the stream,
- channelization, armourization, or dyking of over 50% of the fish frequented length of the stream,
- effective impermeable area (EIA) covering approximately 10%, or greater, of the stream's watershed<sup>1</sup>,
- greater than 50% diversion of stream flow (i.e. diversion out of the system), or significant manipulation of flow,
- significant water quality problems, i.e. temperature, water chemistry (including urban impacts; not including impacts from logging),
- logging has been extensive in the watershed, and impacts (direct or related) have been obvious,
- urbanization - settlement in the watershed has significantly altered the stream basin
- other impacts (i.e. agricultural/urban impacts, anthropogenic barriers, and cumulative effects of these impacts).

Streams that meet one criterion are considered **threatened**; those that meet more than one criterion are classified as **endangered**. If a stream is not significantly impacted by any of these criteria, it is classified as **wild**. It must be emphasized that wild streams are not necessarily in a pristine state in that many of them may have been logged historically or subjected to other modifications and alterations; however, they are considered to be in relatively good condition or at a higher level of recovery. Streams that are impacted by several factors, but to a lesser extent than stipulated by the criteria, are considered **threatened by proximity** (i.e. by proximity to urbanization). The category of 'other' identifies additional specific impacts (i.e. agricultural and/or urban impacts, barriers, and their cumulative effects). (See Appendix A for the list of streams and their classifications. Appendix B lists the total number of streams fulfilling each criterion within the categories of endangered, threatened, and wild.)

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<sup>1</sup> Effective impervious area (EIA) is a measure of the total area where water does not infiltrate into the soil and that is connected directly to the drainage network. EIA is a useful indicator of development activity, and provides a simple but effective method to predict the future quality of streams, based on measurable land use change. Research shows that once a watershed is covered by more than 10% EIA, irreversible changes in hydrology and channel morphology occur, causing a significant loss of fish habitat features.

The mainstem and lateral channels of the Fraser River have not been included in this review.

### **2.2.2 Reports, Interviews and Orthophoto Examination**

Relevant reports from the study area were compiled, reviewed, and the streams identified in these reports were evaluated against the criteria. The reports that were reviewed and the individuals who were interviewed are listed in Appendix D. Where there was little published data available on a stream's condition, colour digital orthophotos (1995) on CD (one metre pixel) were examined to provide additional information (Appendix C).

### **2.2.3 Development of Database**

Digital files from the Fish Habitat Inventory and Information Program Database, Department of Fisheries and Oceans (<http://habitat.pac.dfo.ca>), and from the Fisheries Inventory Section Database, Ministry of Environment, Lands, and Parks' Resource Inventory Branch (<http://www.env.gov.bc.ca/fsh/ids/dman/>), were integrated to create a Microsoft Excel file that includes all the streams within the study area for which watershed codes were available. Gazetted names were added for reference. Other streams were later added to the file through input from community members and agency staff. The information from the literature review and orthophoto examination were incorporated into the digital file.

### **2.2.4 Supplementary Stream Information Workshops**

Four Stream Information Workshops (winter, 1997) were conducted to confirm and to supplement the information in the database. (Workshop participants are listed in Appendix E). The study area was divided into four areas, each of which was the focus of a workshop. The workshops were attended by individuals from the Department of Fisheries and Oceans, Ministry of Environment, Lands and Parks, local municipalities, community group representatives and consulting companies. Area 1 covers the area south of the Fraser River from the Georgia Strait to Langley. Area 2 extends along the south side of the Fraser River from Abbotsford to Hope. The north side of the Fraser River from Hope to the Stave River is covered in Area 3. The final workshop (Area 4) included the streams along the north shore of the Fraser River from the Stave River to Musqueam Creek, and tributaries to Burrard Inlet extending west to Nelson Creek in West Vancouver. (Major watersheds associated with each area are listed in Appendix F.)

Time constraints at the workshops limited the amount of discussion possible for each stream. Often, once two criteria were identified for a particular stream it was classified as endangered; only when time permitted were additional criteria assessed. (Many endangered streams would have fulfilled additional criteria had there been time and resources to extend the review.) The information from the workshops was added into the database, supplementing and updating information from written reports and orthophotos.

### **2.2.5 Map Product (Draft Map)**

The watershed codes and stream status information in the database were integrated into the DFO GIS database. A colour coded map showing the condition of these streams – lost, endangered, threatened, or wild – is attached to this report. This is considered a draft map and not a final product, due to the limitations of time and resources. It should be noted that because of the scale (1:180,000, produced on a 1:50,000 Watershed Atlas

basemap), many small streams of the Lower Fraser Valley are not shown, and not all streams that are in the database could be represented on this map. Since classification is tied to a stream's watershed code, a record of an impact triggers the classification of the entire stream (this has been modified for some of the larger systems in the digital file of the map).

### 3. RESULTS

#### 3.1 Database Organization

The original database – **LFV Streams** – includes 1,202 streams, most with watershed codes, within the study area. All gazetted streams and many unnamed streams are included in this database. The second database – **LFV Assessed Streams** – lists the criteria fulfilled by, and status of, 662 streams. Unnamed streams/streams without a watershed code/minor tributaries unknown to workshop participants/not referenced in any of the review literature – were excluded from this second database. At the same time, some new streams, which have no watershed codes, but are known to agency staff or community groups, were added to database. A third database – **LFV Settlement Area Streams** – was created to assess the condition of streams in areas of settlement influence. It excludes streams outside the areas of significant settlement influence, including the watercourses located upstream of impassable dams on the Stave, Alouette, Coquitlam, and Capilano Rivers. It also excludes Indian Arm and tributaries; upper Lynn Creek and Seymour River tributaries; Pitt, Harrison and Chilliwack Lakes and tributaries; and other watercourses which are beyond significant settlement influences. These exclusions created the LFV Settlement Area Streams database, which contains 478 streams. A summary of the data from each of the databases is provided in Table 1.

	Wild	Threatened	Endangered	Total (existing)	Lost*	Total (including lost)
<b>LFV Assessed Streams Database</b>						
Area 1 - Steveston to Langley	0	8	95	103	45	148
Area 2 - Abbotsford to Hope	27	58	142	227	6	233
Area 3 - Stave River to Hope	22	72	36	130	6	136
Area 4 - West Vancouver to Stave River	57	43	102	202	60	262
Total	106	181	375	662	117	779
Percent of total not including lost streams	16%	27%	57%	100%	n/a	n/a
Percent of total including lost streams	14%	23%	48%	n/a	15%	100%
<b>LFV Settlement Area Streams Database</b>						
Area 1 - Steveston to Langley	0	8	95	103	45	148
Area 2 - Abbotsford to Hope	8	17	142	167	6	173
Area 3 - Stave River to Hope	4	34	35	73	6	79
Area 4 - West Vancouver to Stave River	17	16	102	135	60	195
Total	29	75	374	478	117	595
Percent of total not including lost streams	6%	16%	78%	100%	n/a	n/a
Percent of total including lost streams	5%	13%	63%	n/a	20%	100%

Table 1. Summary of the existing stream status data for each area.

\*Note: The number of historic streams lost is estimated above and in Figures 2 and 6, but due to the difficulties with registering historic and existing map bases, an element of uncertainty is introduced in identifying lost streams. For this reason, lost streams are not included in the Wild, Threatened, and Endangered Streams Database.



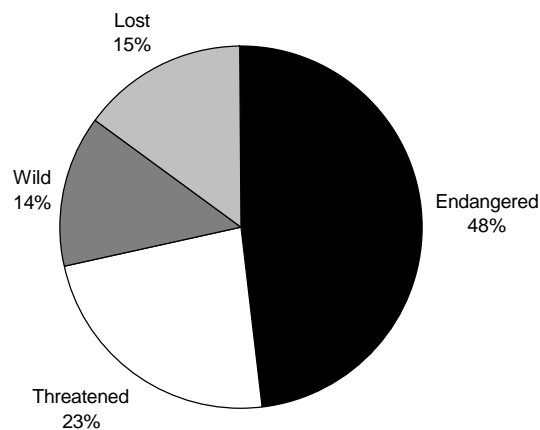
### 3.2 Lost Streams of the Lower Fraser Valley

Over the past one hundred years of settlement in the Lower Fraser Valley, many streams have been lost –culverted, paved over, filled in. At times it is difficult to determine the exact cause of their disappearance since streams have also been channelized, redirected into other watersheds, or cut off from their tributaries. The lost streams coverage is derived from three sources: the Lost Streams map poster (1995), the Langley Environmental Partners Society (for the Langley area), and a mapping exercise for this project, which identified a number of lost streams in the eastern Fraser Valley. The combination of this research shows that approximately 117 streams, many of them salmon bearing, appear to have been physically lost in the Lower Fraser Valley since records first started to be kept. Lost streams include those that no longer exist, or have been severely altered with much of their length now underground. It should be noted that this lost streams total represents a conservative count; further research (beyond the comparison of existing and available historic maps) would be needed in order to determine a more exact figure. Also, it must be appreciated that many other streams have been converted into ditches and much of their fish habitat value lost. However, for the purposes of this study, these latter streams are placed in the endangered category.

### 3.3 Lower Fraser Valley Assessed Streams

The majority of streams within the LfV Assessed Streams study area are classified as either threatened or endangered (Figure 2). Area 1 (Steveston to Langley) includes several highly developed urban areas. The degradation of streams in this area of flat terrain is greater than elsewhere in the study area (Figure 3). Agricultural impacts endanger many streams in Area 2 (Abbotsford to Hope). The number of wild streams doubles from Areas 1 and 2 to Areas 3 and 4. Area 3 (Stave River to Hope) is less developed than the other areas, and therefore less impacted. The majority of the wild streams in Area 4 (West Vancouver to Stave River) are very small high gradient streams in the north shore mountains that provide minimal direct fish habitat. Many of the ‘wild’ streams in this database are located above dams or lakes and/or in undeveloped areas well removed from settlement influences.

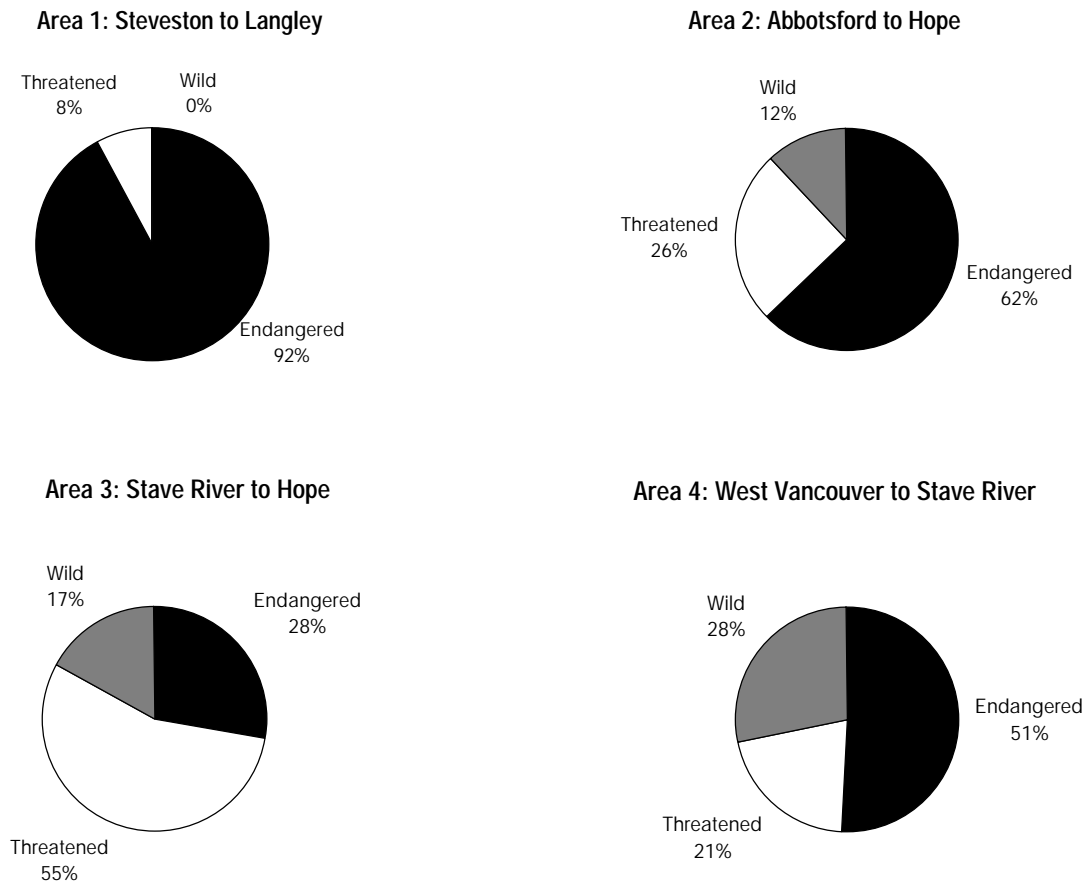
#### LFV Assessed Streams Database - Wild, Threatened, Endangered & Lost Streams



**Figure 2.** Percentage of streams classified as wild, threatened, endangered, or lost within the entire LFV Assessed Streams study area. **Note:** Many of the ‘wild’ streams in the Lower Fraser Valley are located above dams or lakes and/or in undeveloped

areas well removed from settlement influences.

### LFV Assessed Streams Database Analysis

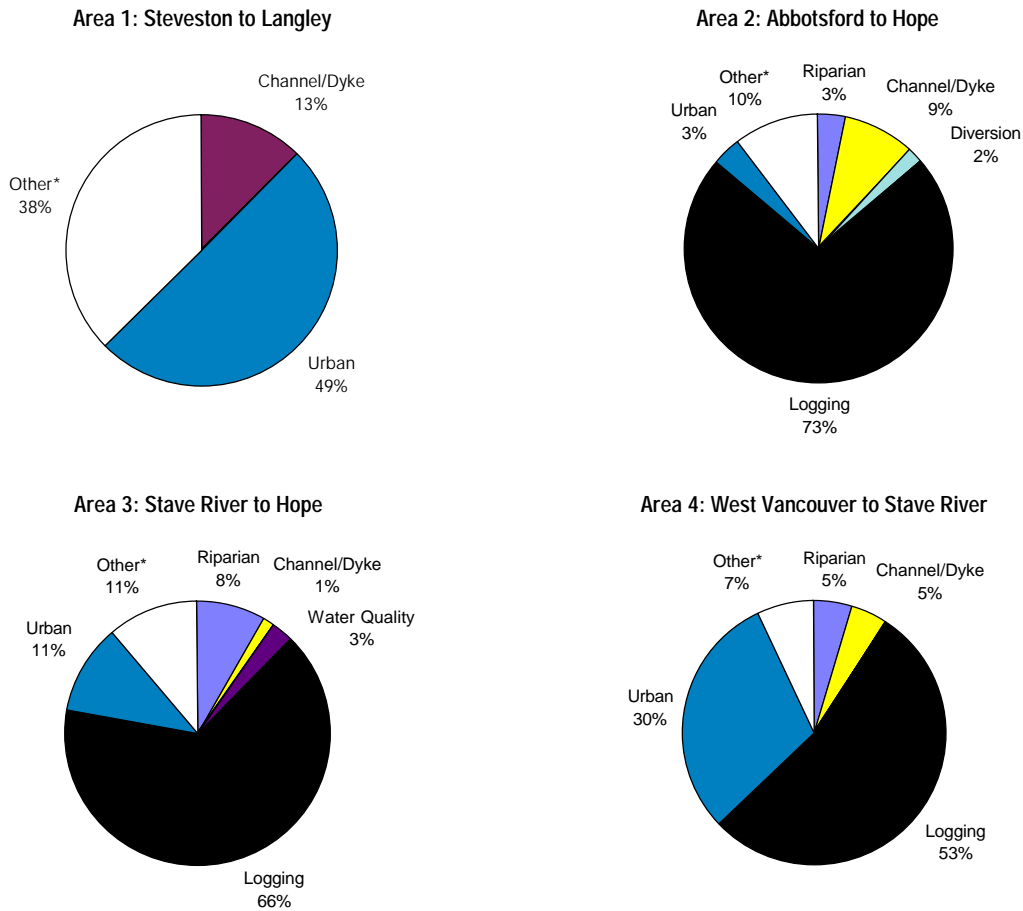


**Figure 3.** The percentage of existing streams classified as wild, threatened, and endangered for each of the areas included in the LFV Assessed Streams study area.  
**Note:** Lost streams are not included.

## Threatened Streams

Threatened streams account for only 8% of the streams included in Area 1. The main source of degradation in the 73% of streams that are threatened in Area 2 is logging (Figure 4). Logging, urban, and agricultural (other) impacts, are the main reasons that 88% of the streams in Area 3 are considered threatened. The 21% of streams in Area 4 that are considered threatened are primarily affected by urban impacts and logging. The percentage of 'threatened' streams that fulfill each criteria in each area is illustrated in Figure 4.

### LFV Assessed Streams Database–Threatened Streams Analysis



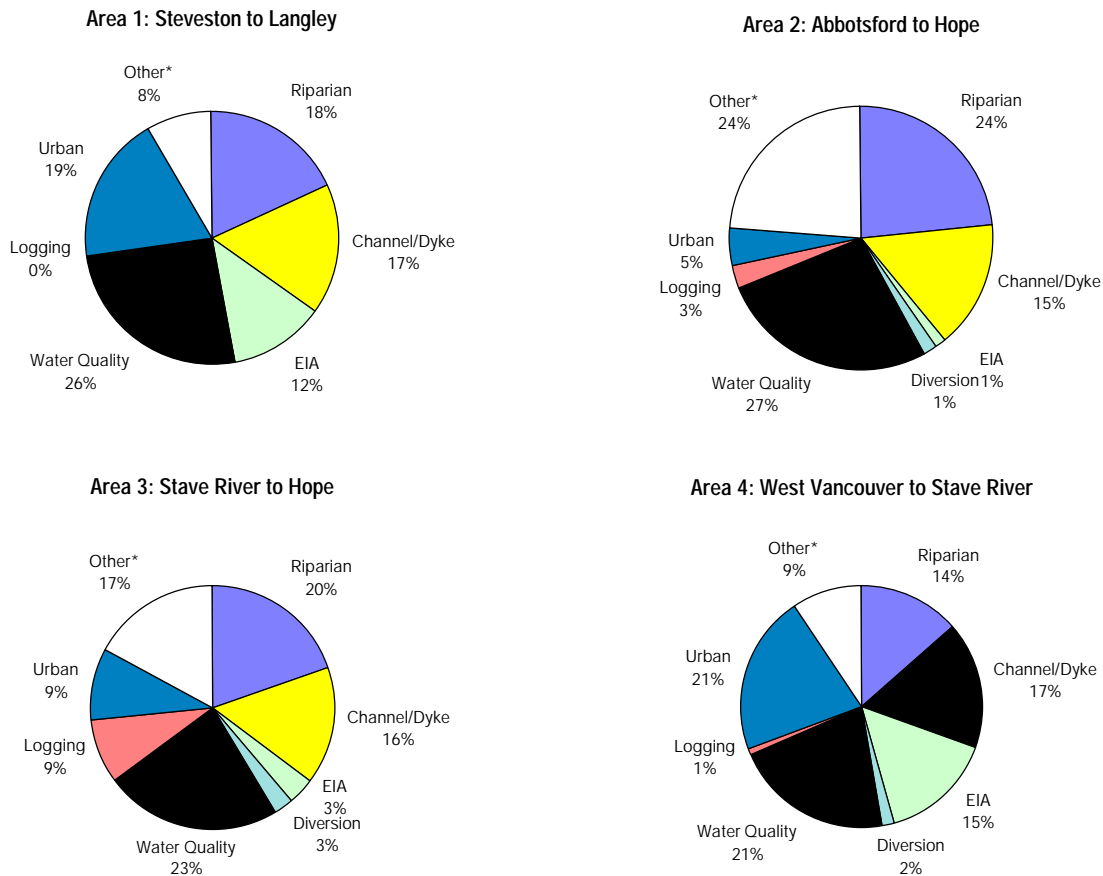
\*Other: agricultural/urban impacts, barriers, and cumulative effects of these impacts.

Figure 4. The impact criteria associated with threatened streams in the LFV Assessed Streams study area summarized by location.

## Endangered Streams

The following pie charts (Figure 5) summarize the endangered streams data for each area of the LFV Assessed Streams study area. Since all but two endangered streams are also located in the Settlement Area, Figure 5 also provides an analysis of Endangered Streams for the the Settlement Area database.

### LFV Assessed Streams Database–Endangered Streams Analysis



\*Other: agricultural/urban impacts, barriers, and cumulative effects of these impacts.

**Figure 5.** The percentage of endangered streams in each area of the LFV Assessed Streams study area that fulfill each criterion.

Endangered streams account for 92% of the streams included in Area 1; many of the impacts are associated with urbanization: riparian removal, channelization, high impervious surface area, and water quality problems. The main impacts on the 62% of streams that are classified as endangered in Area 2 are riparian removal, channelization/dyking, agricultural activities, and water quality problems. Riparian removal, channelization/dyking and water quality account for 59% of the impacts on streams in Area 3. The 51% of streams considered endangered in Area 4 are affected by a variety of impacts, including riparian removal, channelization, and extensively urbanized watersheds.

### 3.4 Lower Fraser Valley Settlement Area Streams

In order to develop a picture of the condition of streams within the area of settlement influence, streams outside the settlement area were sorted out of the database. The resulting breakdown of the condition of the streams in the area of settlement influence, including lost streams, is shown in Figure 6.

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#### LFV Settlement Area Database - Wild, Threatened, Endangered & Lost Streams

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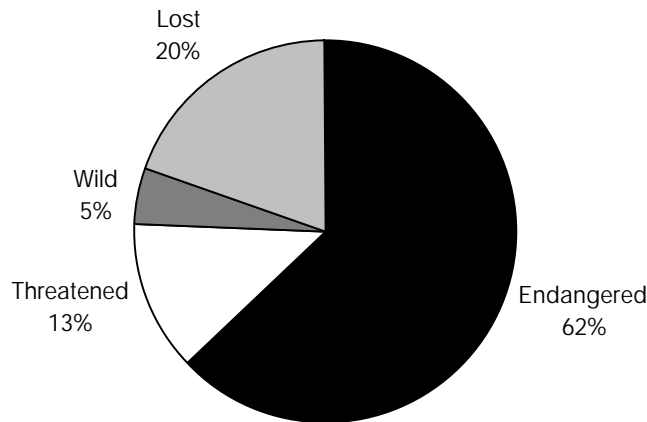


Figure 6. The percentage of streams classified as wild, threatened, endangered, or lost within the LFV Settlement Area.

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To create the LFV Settlement Area Streams database, a number of streams have been removed from the LFV Assessed Streams database: the watercourses upstream of impassable dams on the Stave, Alouette, Coquitlam, and Capilano Rivers; tributaries to the upper Lynn and Seymour River watersheds; Indian Arm and tributaries; Pitt, Harrison and Chilliwack Lakes and tributaries; and other tributaries which are beyond significant settlement influences. The narrowing of the study area reduces the database from 662 to 478 entries. All of the excluded watercourses fall within Areas 2, 3 and 4. As a result of excluding the streams outside of the settlement area from the LFV Assessed Streams database, the percentage of wild streams drops from 14% to 5%; the percentage of streams rated as endangered increases from 48% to 62%; and the percentage of threatened streams decreases from 23% to 13% (Figure 7).

#### Area 1

Area 1 (Steveston to Langley) is not affected by changing the database to cover settlement areas only.

#### Area 2

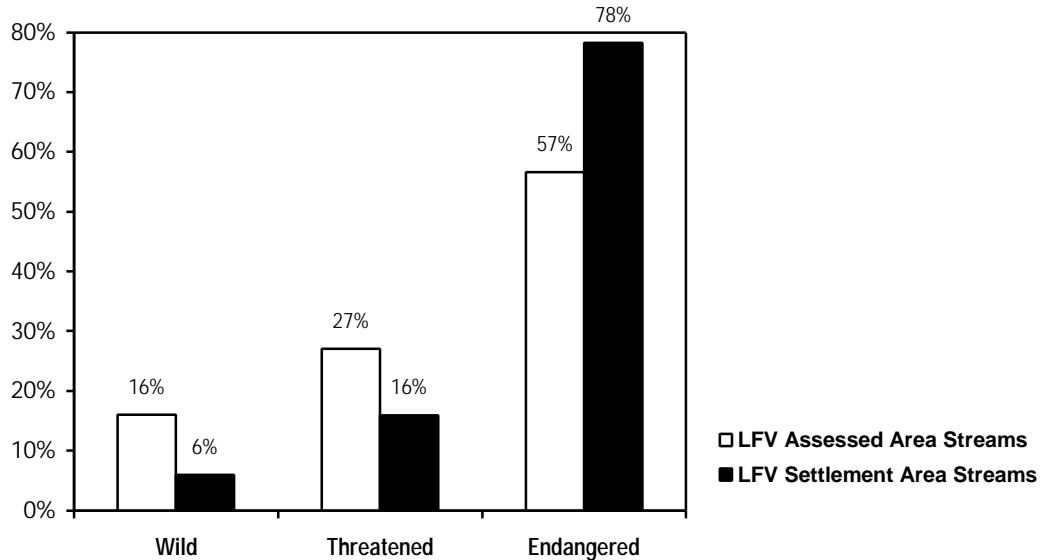
The elimination of streams beyond settlement areas of influence in Area 2 (Abbotsford to Hope) reduces the percentage of wild streams in this area by 9% (Figures 3, 8). The database identifies eight wild streams in the settlement range of Area 2 (all are tributaries to Cultus Lake). For the settlement area, the number of threatened streams decreases by 10%, and the number of endangered streams increases by 14%.

### Area 3

The percentage of wild streams in Area 3 (Stave River to Hope) is reduced from 17% to only 4% when streams outside settlement areas are excluded (Figures 3, 8). The reduction is due to the exclusion of streams above the Stave River dam and tributaries to Harrison Lake. The streams that are excluded include 37 threatened streams. Most of the threatened streams removed from the database have been impacted by riparian loss or logging. Water quality and riparian removal have impacted most of the endangered streams that have been excluded. When streams outside settlement areas are excluded from the database, the overall percentage of endangered streams in this area increases by 20%, while the percentage of threatened streams decreases by 7% (Figures 3, 8).

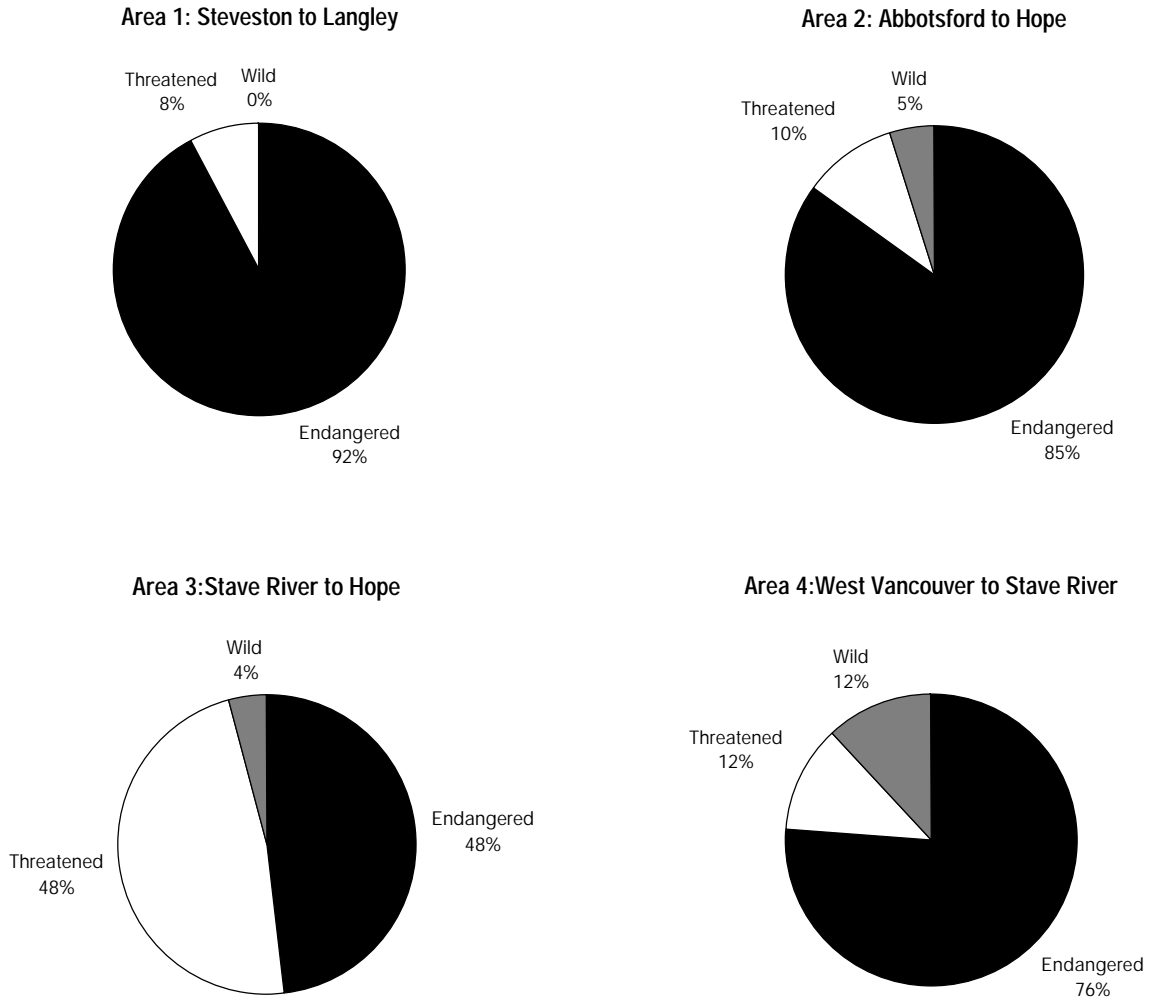
### Area 4

The exclusion of streams beyond settlement area influences reduces the percentage of wild streams in Area 4 (West Vancouver to Stave River) from 28% to 12%. The wild streams remaining in Area 4 are located in the upper Lynn Creek watershed, on the east side of the Coquitlam River, the west side of the Pitt River (near Widgeon Creek), on the north branch of the Alouette River, and on Cultus Lake. Twenty-seven threatened streams are excluded from this area in the LFV Settlement Area Streams database; most have been impacted by logging. The percentage of streams rated as endangered in this area increases from 51% to 75%, while the percentage of threatened streams drops by 9% as a result of excluding streams considered to be beyond significant settlement influence. Figure 7 compares the percentage of streams falling under each classification for the Assessed Streams and Settlement Area Streams databases.



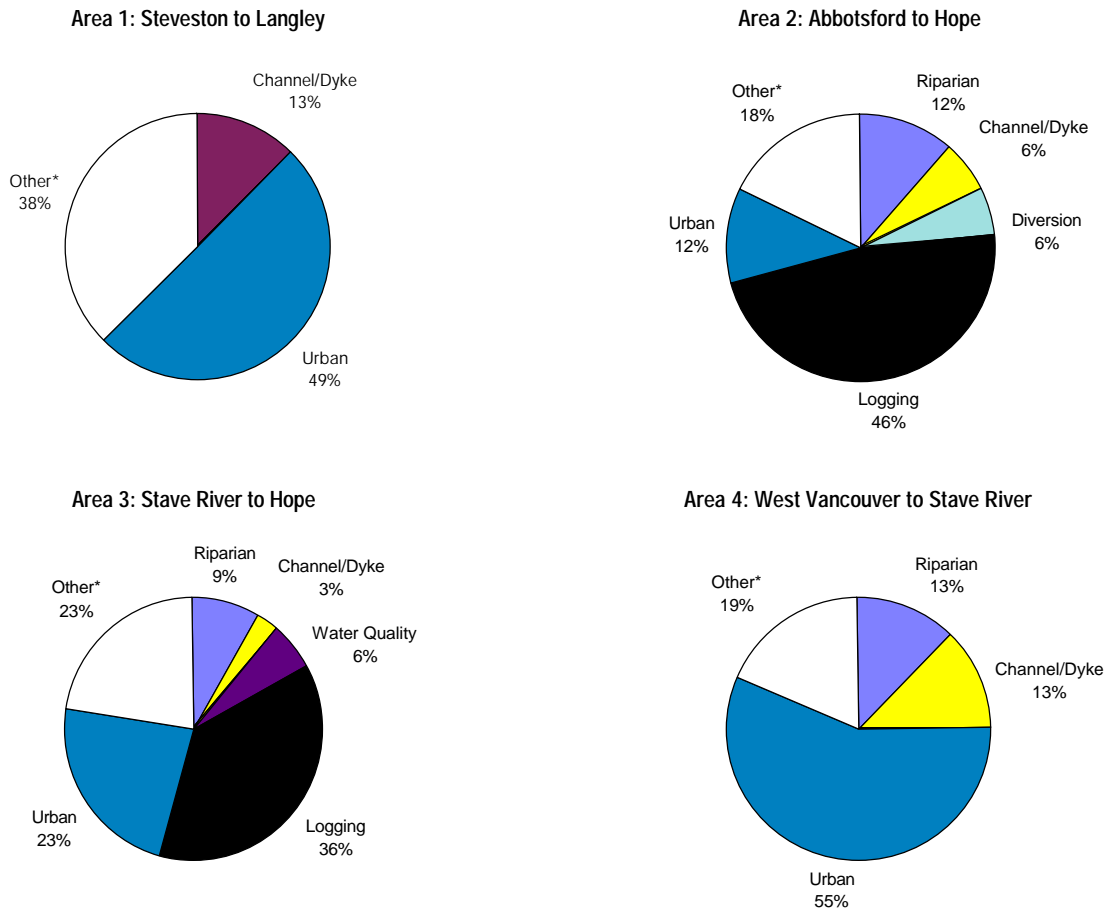
**Figure 7.** The overall percentage of existing streams (all four areas) classified as wild, threatened and endangered in both the LFV Assessed Streams and Settlement Area Streams databases.

LFV Settlement Area Streams Database Analysis



**Figure 8.** The percentage of existing streams classified as wild, threatened, and endangered in each of the areas included in the LFV Settlement Area Streams database.

LFV Settlement Area Streams Database–Threatened Streams Analysis



\*Other: agricultural/urban impacts, barriers, and cumulative effects of these impacts.

Figure 9. The impact criteria associated with threatened streams, summarized by area for the LFV Settlement Area Streams database.



**LFV Settlement Area Database–Wild Streams**

Area	Watershed	Stream Name
Area #1	none	
Area #2	Sumas River/Lower Chilliwack River (to Tamihi Creek) (all are Cultus Lake tributaries)	Amadis Creek Ascaphus Creek Clear Creek Fin Creek Teapot Creek Unnamed Creek Wells Creek Windfall Creek
Area #3	Fraser River  Harrison Lake	Mahood (Gallagher) Creek  Sasquatch Creek Thunderbird Creek Trout Lake Creek
Area #4	Alouette River (North)  Coquitlam River  Lynn Creek  Pitt River (excluding tributaries above and to Pitt Lake)	Donegani Creek Gwendoline Creek Jacobs Creek Loon Creek Mayfly Creek Mirror Lake Creek Spring Creek  Coho Creek Pritchett (Crystal Creek) Steelhead Creek  Kennedy Creek  Deiner Creek MacIntyre Creek Munro Creek Stuart Creek

		Widgeon Creek Widgeon Lake Creek
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**Table 2.** List of streams classified as wild in the LFV Settlement Area Streams database.

## **Wild Streams Discussion**

There are very few wild streams remaining in the Lower Fraser Valley. When considering streams in the area of settlement influence, the number of wild streams decreases from 106 (in the LFV Assessed Streams database) to 29 (in the LFV Settlement Area Streams database). The majority of the remaining wild streams in the LFV Settlement Area Streams database are located in the upper Lynn Creek watershed, on the mid reaches of the Seymour River, on the east side of the mid reaches of the Coquitlam River, on the west side of the Pitt River near Pitt Lake, on the north branch of the Alouette River, and on Cultus Lake (lower reaches of the Chilliwack River). The other wild streams in the LFV Settlement Area Streams database are located in forested areas, with settlement impacts limited to linear development, or proximity to urban areas; they are located on the southeast side of Harrison Lake, and on the north side of the Fraser River west of Hope.

## **4. CONCLUSIONS**

Streams in the Lower Fraser Valley where the land base has been converted from forests to agriculture, industry, and housing have sustained the greatest impacts. The development footprint in the Lower Fraser Valley has left a devastating impact on most streams, many of which historically supported, and some of which still support, viable salmon populations. This survey examined the condition of 779 of the large, medium and small streams in the Lower Fraser Valley. Of these, approximately 117 streams have been lost (no longer exist) in the period between 1860 and the present. Most of the remaining 662 streams are under significant stress due to landscape alterations in watersheds, riparian zone degradation, and pollution, and are classified as threatened or endangered. A few streams remain in a relatively wild state. Most often the fish habitat values in these wild streams are low due to the fact that they are high gradient mountain streams which have significant portions that are inaccessible to fish. These areas are also relatively undevelopable. This review is intended to identify streams that are in a natural state or under stress. It is hoped that this information can be used at a strategic level when determining needs for habitat protection and restoration for endangered and threatened streams which still have the potential to produce viable populations of salmon and other species of fish.

Appendix A is in a separate document.

## APPENDIX B TOTAL STREAMS FULFILLING EACH CRITERIA

STATUS	CRITERIA	Area 1: Steveston to Langley	Area 2: Abbotsford to Hope	Area 3: Stave River to Hope	Area 4: West Vancouver to Stave River	All Areas
<b>ENDANGERED</b>		<b>LFV ASSESSED AREA STREAMS</b>				
	Riparian Removal	64	113	23	49	249
	Channelization/Dyking	59	72	19	61	211
	EIA	42	7	4	54	107
	Water Diversion	0	7	3	6	16
	Water Quality	89	128	27	75	319
	Logging	0	13	11	3	27
	Urbanization	68	22	11	77	178
	Other	29	114	20	34	197
		<b>LFV SETTLEMENT AREA STREAMS</b>				
	Riparian Removal	64	113	23	49	249
	Channelization/Dyking	59	72	18	61	210
	EIA	42	7	4	54	107
	Water Diversion	0	7	3	6	16
	Water Quality	89	128	27	75	319
	Logging	0	13	10	3	26
	Urbanization	68	22	11	77	178
	Other	29	114	20	34	197

STATUS	CRITERIA	Area 1: Steveston to Langley	Area 2: Abbotsford to Hope	Area 3: Stave River to Hope	Area 4: West Vancouver to Stave River	All Areas
<b>THREATENED</b>		<b>LFV ASSESSED AREA STREAMS</b>				
	Riparian Removal	0	2	6	2	10
	Channelization/Dyking	1	5	1	2	9
	EIA	0	0	0	0	0
	Water Diversion	0	1	0	0	1
	Water Quality	0	0	2	0	2
	Logging	0	42	46	23	111
	Urbanization	4	2	8	13	27
	Other	3	6	8	3	20
		<b>LFV SETTLEMENT AREA STREAMS</b>				
	Riparian Removal	0	2	3	2	7
	Channelization/Dyking	1	1	1	2	5
	EIA	0	0	0	0	0
	Water Diversion	0	1	0	0	1
	Water Quality	0	0	2	0	2
	Logging	0	8	12	0	20
	Urbanization	4	2	8	9	23
	Other	3	3	8	3	17

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STATUS		Area 1: Steveston to Langley	Area 2: Abbotsford to Hope	Area 3: Stave River to Hope	Area 4: West Vancouver to Stave River	All Areas
WILD						
	LFV ASSESSED AREA STREAMS	0	27	22	57	106
	LFV SETTLEMENT AREA STREAMS	0	8	4	17	29

STATUS	CRITERIA	Area 1: Steveston to Langley	Area 2: Abbotsford to Hope	Area 3: Stave River to Hope	Area 4: West Vancouver to Stave River	All Areas
ENDANGERED AND THREATENED		LFV ASSESSED AREA STREAMS				
	Total Riparian Removal	64	115	29	51	259
	Total Channelization/Dyking	60	77	20	63	220
	Total EIA	42	7	4	54	107
	Total Water Diversion	0	8	3	6	17
	Total Water Quality	89	128	29	75	321
	Total Logging	0	55	57	26	138
	Total Urbanization	72	24	19	90	205
	Total Other	32	120	28	37	217

## APPENDIX C MAPS

The maps reviewed for this study included: archival maps (A), Land Registration Maps (B-D), and NTS maps (E).

### A. Archival Maps

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1. Roads and Trails Map (Pre 1876)  
Route adopted by the Government between New Westminster and Yale  
Scale: Unconfirmed  
Archival Map # : 12 T 1
2. Roads and Trails Map (Pre 1876)  
Plan 3, Burrard Inlet to Hope  
Scale: Unconfirmed  
Archival Map # : 11 T 3
3. Roads and Trails Map (Pre 1876)  
Gulf of Georgia to Kootanie Lake  
Scale: 1in = 10 miles  
Archival Map # : 31 T 3
4. Original Plan of New Westminster (Pre 1876)  
Plan No. 5 (Drawn by Colonel Moody)  
Scale: 1ft = 1 Statute Mile
5. Gold Region on the Fraser River (Undated)  
Compiled from the Original Notes of Alexander C. Anderson  
Scale:  $\frac{5}{8}$  in = 10 miles  
Range (Gulf of Georgia to Fort Kamloops)  
Archival Map # : 1 T 2
6. Map of Part New Westminster District (Pre Development of Point Grey Peninsula)  
Scale: 1 in = 1 mile  
Archival Map # : 10 T 1
7. New Westminster District (1876)  
Scale:  $\frac{1}{2}$  inch = 1mile  
Range (English Bay to the West end of Seabird Island down to the 49th parallel)  
Archival Map # : 56 T 1
8. New Westminster District (1886)  
Scale:  $\frac{1}{2}$  inch = 1mile  
Range (English Bay to the West end of Seabird Island down to the 49th parallel)  
Archival Map # : (Unknown)
9. New Westminster District / Matsqui Indian Reserves  
Surveyed and Drawn by W.S. Semmelt 1880, 81, 82. Completed on 30th May 1882  
Approved March 19th 1892  
Scale: In Chains  
Archival Map # : W 8



10. New Westminster District / Lakahahmen Indian Reserves  
Surveyed and Drawn by W.S. Semmelt 1880, 81, 82. Completed on 30th May 1882  
Approved March 19th 1892  
Scale: In Chains  
Archival Map # : W 9
11. New Westminster District / Sumass Indian Reserves  
Surveyed and Drawn by W.S. Semmelt 1880, 81, 82. Completed on 30th May 1882  
Approved March 19th 1892  
Scale: In Chains  
Archival Map # : W 10
12. New Westminster District / Chillukweyuk Indian Reserves  
Surveyed and Drawn by W.S. Semmelt 1880, 81, 82. Completed on 30th May 1882  
Approved March 19th 1892  
Scale: In Chains  
Archival Map # : W 11
13. New Westminster District / Chillukweyuk Indian Reserves  
Surveyed and Drawn by W.S. Semmelt 1880, 81, 82. Completed on 30th May 1882  
Approved May 1st 1886  
Scale: In Chains  
Archival Map # : W 12
14. Map of the South Western Part of British Colombia (1903)  
Compiled by Direction of the Honorable W.C. Wells(Chief Commissioner Lands & Works)  
Scale: 1in = 10 miles  
Archival Map # : 34 T 1

**B. Land Registration Maps (1922)**

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1. Map # : 92G/NE  
Scale: (Unknown)  
Range: Harrison Lake and Lillooet River

**C. Land Registration Maps (1955)**

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1. Map # : 86  
Scale: 1 inch = 1 mile  
Range: West end of Chilliwack to Hope, North of Chehalis River to the 49th parallel
2. Map # : 5D  
Scale: 1 inch = 1 mile  
Range: West end of Crescent Island to Chilliwack creek, North of Stave Lake to the 49th parallel
3. Map # : 5A  
Scale: 1 inch = 1 mile

Range: Douglas Island to Crescent Island North of Pitt Lake to the 49th parallel

**D. Land Registration Maps (1964)**

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1. Map # : 92H/4 a,b  
Scale: 1 inch =  $\frac{1}{4}$  mile  
Range: Chilliwack River to the Border

**E. National Topographic System (NTS) Maps**

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Scale 1:50,000:

1. Name: Mission  
Map #: 92 G/1  
Last Update: 1989  
Last Published: 1992
2. Name: New Westminster  
Map #: 92 G/2  
Last Update: 1986  
Last Published: 1989
3. Name: Lulu Island  
Map #: 92 G/3  
Last Update: 1974  
Last Published: 1978
4. Name: Port Coquitlam  
Map #: 92 G/7  
Last Update: 1978  
Last Published: 1981
5. Name: Stave Lake  
Map #: 92 G/8  
Last Update: 1988  
Last Published: 1992
6. Name: Chilliwack  
Map #: 92 H/4  
Last Update: 1988  
Last Published: 1992
7. Name: Harrison Lake  
Map #: 92 H/5  
Last Update: 1988  
Last Published: 1992
8. Name: Hope  
Map #: 92 H/6  
Last Update: 1974  
Last Published: 1976

## APPENDIX D REFERENCES

The following reports and individuals provided information on streams in the database.

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- Rood, Kenneth M., Roy E. Hamilton. 1995. *Hydrology and Water Use for Salmon Streams in the Chilliwack/Lower Fraser Habitat Management Area, British Columbia*. Fraser River Action Plan, Fisheries and Oceans Canada, Vancouver, B.C. Canadian Manuscript Report of Fisheries & Aquatic Sciences No. 2288.
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- Zevit, Pamela. 1996. *Pers. Comm.* Fisheries Technician. Ministry of Environment Lands & Parks, Surrey, B.C.

**Telephone Interviews were conducted with the following individuals:**

Collier, Mike. Vancouver Salmon Stream Society  
Coulter-Boisvert, Maurice. Community Advisor, DFO  
Croy Vanwely, Marcia. DFO Library  
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Edwards, Cameron. Independent  
Elliot, Jim. Habitat Biologist, Land Use, DFO  
Hutton, Karen. Water Quality, DFO  
Johansen, Kon. Habitat Technician, Land Use, DFO  
Lompart, Al. Survey Plans Vault. Ministry of Environment Lands and Parks, Victoria, B.C.  
Morton, Zoann. Pacific Streamkeepers Federation  
Outdoor Recreation Council of B.C.  
Payette, Krista. Ministry of Environment Lands & Parks, Surrey, B.C.  
Reid, Bruce. Head, Land Use, Fraser River Division, DFO  
Stoddard, Erin. Ministry of Environment Lands & Parks, Surrey, B.C.  
Swiatkiewicz, Vic. Ministry of Environment, Lands & Parks, Surrey, B.C.  
Taccogna, Gary. Community Involvement Division, DFO  
Zevit, Pamela. Ministry of Environment Lands & Parks, Surrey, B.C.

**Other sources of information:**

Fisheries Inventory Section Database, Ministry of Environment, Lands, and Parks' Resource Inventory Branch (<http://www.env.gov.bc.ca/fsh/ids/dman/>)

Fish Habitat Inventory and Information Program Database, Department of Fisheries and Oceans (<http://habitat.pac.dfo.ca>)

FISS Database, Habitat and Enhancement Branch, Fisheries and Oceans Canada, Vancouver, B.C.

Fraser River Estuary Management Program ([frempe@mindlink.bc.ca](mailto:frempe@mindlink.bc.ca))

Watershed Management, Forestry and the Watershed, Forest Renewal Coordination Office.  
[www.env.gov.bc.ca:80/main/water/watershed\\_management.html](http://www.env.gov.bc.ca:80/main/water/watershed_management.html)

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## **APPENDIX F THE MAJOR WATERSHEDS ASSOCIATED WITH EACH AREA**

### **Area 1 South Shore of the Fraser River from Steveston to Langley**

Campbell River and Tributaries  
Serpentine River and Tributaries  
Streams South of Lulu Island  
Nicomekl River and Tributaries  
Nooksack River Tributaries  
Tributaries of the Lower Fraser River (South Shore) to Langley

### **Area 2 South Shore of the Fraser River from Abbotsford to Hope**

Tributaries of the Lower Fraser River (South Shore) from Langley to Hope  
Matsqui Prairie  
Sumas Mountain and Prairie  
Vedder Canal and Tributaries  
Chilliwack River and Tributaries  
Silverhope River and Tributaries  
Coquihalla River and Tributaries

### **Area 3 North Shore of the Fraser River from the Stave River to Hope**

Tributaries of the Lower Fraser River (North Shore) from Stave River to Hope  
Stave River and Tributaries  
Hatzic Slough and Tributaries  
Chehalis River and Tributaries  
Nicomen Slough and Tributaries  
Harrison River  
Harrison Lake  
Agassiz's Flatland

### **Area 4 North Shore of the Fraser River from West Vancouver to the Stave River**

Tributaries of the Lower Fraser River (North Shore) from Whonnock Creek to Nelson Creek (West Vancouver)  
Burrard Inlet and Tributaries  
Capilano River and Tributaries  
Mackay Creek and Tributaries  
Mosquito Creek and Tributaries  
Lynn Creek and Tributaries  
Seymour River and Tributaries  
Indian Arm Tributaries  
Port Moody Area Tributaries  
Brunette River and Tributaries  
Byrne Creek and Tributaries  
Coquitlam River and Tributaries



Pitt River and Tributaries  
Alouette River and Tributaries  
Kanaka Creek and Tributaries

## **APPENDIX A CLASSIFIED STREAMS DATABASE**

### **LEGEND**

**Impact Criteria**<sup>1</sup> The following criteria are indicated in the Classified Streams database; the associated letters are used as column headings. When a "1" appears in the column, the impact is present in the stream system.

<b>R</b>	<b>Riparian Removal</b>	Significant loss of riparian vegetation along more than 50% of the fish frequented length of the stream. <sup>2</sup>
<b>C</b>	<b>Channelization / Dyking</b>	Channelization, armourization, or dyking of over 50% of the fish frequented length of the stream.
<b>E</b>	<b>EIA</b>	Effective impermeable area (EIA) covering approximately 10%, or greater, of the stream's watershed.
<b>D</b>	<b>Water Diversion</b>	Greater than 50% of stream flow (i.e. diversion out of the system), or significant manipulation of flow.
<b>Q</b>	<b>Water Quality</b>	Significant water quality problems i.e. temperature, water chemistry (e.g. pH, BOD, nutrients) (including urban impacts; not including impacts from logging).
<b>L</b>	<b>Logging</b>	Logging has been extensive in the watershed, and impacts (direct or related) have been obvious. <sup>3</sup>
<b>U</b>	<b>Urbanization</b>	Settlement in the watershed has significantly affected the stream basin.
<b>O</b>	<b>Other</b>	Other impacts (i.e. agricultural/urban impacts, anthropogenic barriers, and cumulative effects of these impacts; includes urban features such as linear and industrial development).
	<b>Settlement Area</b>	A "Y" indicates that the stream is in the Settlement Area Database. A blank indicates that the stream is in the Non-Settlement Area Database.

**Status** The rating under "Status" is one of the three ratings described below.

<b>Status</b>	<b>Description</b>	<b>Colour Code (Map)</b>
<b>Wild</b>	There are no significant threats to the stream.	Green
<b>Threatened</b>	The stream is affected by one of the above impacts, and is classified as threatened.	Purple
<b>Endangered</b> <sup>4</sup>	The stream is affected by more than one of the above impacts, and is classified as endangered.	Orange
<b>Lost</b>	The stream has been culverted, paved over, drained or filled, and generally no longer exists as a surface waterway (not included in this database.)	Red

<sup>1</sup> Generally, a record of an impact under these criteria will trigger colour coding of the entire stream length, since the classification database is linked to watershed codes.

<sup>2</sup> The fish frequented length of the stream may be a small proportion of the stream's length; however, a record of an impact under these criteria will trigger colour coding of the entire stream (see first footnote).

<sup>3</sup> Logging can have multiple impacts, such as sedimentation (water quality), riparian removal, etc.

<sup>4</sup> Due to constraints in time and resources, not all impacts that may be present on the stream could be recorded.

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<sup>3</sup> Logging can have multiple impacts, such as sedimentation (water quality), riparian removal, etc.  
<sup>4</sup> Due to constraints in time and resources, not all impacts that may be present on the stream could be recorded.

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA
<b>AREA 1 - STEVESTON TO LANGLEY</b>											
176th Street Creek	900-0043-397-000-000-000-000-000-000-000-000	1	1			1				Endangered	Y
Airport Creek	900-0043-714-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Anderson Creek	900-0043-540-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Annieville Creek	100-unavailable Fraser River tributary			1	1		1			Endangered	Y
Archibald Creek	900-0055-458-446-000-000-000-000-000-000-000								1	Threatened	Y
Baldy Creek	900-0043-555-000-000-000-000-000-000-000-000					1		1	1	Endangered	Y
Barker (Bolivar) Creek	100-0219-000-000-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y
Bath Slough	100-unavailable Fraser River tributary	1	1				1			Endangered	Y
Benson Canal	100-0452-188-000-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Bertrand Creek	970-0468-252-443-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Best (Trigg) Creek	900-0043-666-310-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Bonaccord (Port Mann) Creek	100-0242-000-000-000-000-000-000-000-000-000	1	1	1			1		1	Endangered	Y
Bori Creek	970-0468-252-435-707-000-000-000-000-000-000	1					1		1	Endangered	Y
Burrows Ditch	900-0043-373-000-000-000-000-000-000-000-000	1	1				1			Endangered	Y
Campbell River	900-0005-000-000-000-000-000-000-000-000-000	1	1				1		1	Endangered	Y
Cave Creek	970-0468-252-435-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Centre (West Barnston, Bloomfield Brook) Creek	100-0290-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Chantrell Creek	900-0043-068-000-000-000-000-000-000-000-000			1	1				1	Endangered	Y
Coghlan Creek	100-0388-430-000-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Cohilukthan Slough	100-0052-000-000-000-000-000-000-000-000-000	1	1				1			Endangered	Y
Collings (White) Creek	100-unavailable Fraser River tributary			1	1		1		1	Endangered	Y
Cougar Canyon Creek	100-0145-000-000-000-000-000-000-000-000-000	1	1	1			1		1	Endangered	Y
Crescent (Horseshoe) Slough	100-0060-000-000-000-000-000-000-000-000-000	1	1				1			Endangered	Y
Damsite Creek	900-0055-481-360-000-000-000-000-000-000-000				1		1		1	Endangered	Y
Davidson (Ditch) Creek	100-0388-155-000-000-000-000-000-000-000-000								1	Threatened	Y
Derby Reach Creek	100-0372-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Elgin Creek	900-0043-163-000-000-000-000-000-000-000-000						1		1	Endangered	Y
Enn's Brook	970-0468-264-820-000-000-000-000-000-000-000	1		1			1		1	Endangered	Y
Enver Creek	900-0055-481-403-000-000-000-000-000-000-000				1		1		1	Endangered	Y
Erickson Creek	900-0043-423-000-000-000-000-000-000-000-000	1	1				1		1	Endangered	Y
Eugene Brook	900-0072-000-000-000-000-000-000-000-000-000			1						Threatened	Y
Fergus (Ferguson) Creek	900-0005-099-000-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Fishtrap Creek	970-0468-264-000-000-000-000-000-000-000-000	1		1			1		1	Endangered	Y
Fraser Creek	900-0043-677-000-000-000-000-000-000-000-000	1		1			1		1	Endangered	Y
Galerius Creek	100-unavailable Fraser River tributary			1			1		1	Endangered	Y
Howes Creek	970-0468-252-435-552-000-000-000-000-000-000	1					1		1	Endangered	Y
Hyland Creek	900-0055-458-000-000-000-000-000-000-000-000	1	1	1			1		1	Endangered	Y
Jacobsen Creek	900-0005-347-000-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Jeffrey Creek	900-0043-701-415-000-000-000-000-000-000-000	1	1	1					1	Endangered	Y
King Creek	900-0055-481-unavailable Mahood Creek tributary				1		1		1	Endangered	Y
Knudson Creek	100-unavailable Fraser River tributary	1	1				1		1	Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Langley Creek	900-0043-619-000-000-000-000-000-000-000-000	1		1		1		1		Endangered	Y
Latimer Creek	900-0055-689-000-000-000-000-000-000-000-000	1	1	1		1		1		Endangered	Y
Latimer Pond	900-0005-460-000-000-000-000-000-000-000-000	1				1		1		Endangered	Y
Laughin Brook	900-0043-423-313-000-000-000-000-000-000-000	1	1			1				Endangered	Y
Lay Creek	900-0055-481-750-622-000-000-000-000-000-000			1		1		1		Endangered	Y
Lee Horne Brook	100-0311-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Little Anderson Creek	900-0043-183-000-000-000-000-000-000-000-000			1		1		1		Endangered	Y
Lock Creek	970-0468-unavailable Nooksack River tributary	1				1				Endangered	Y
Logan Creek	900-0043-701-000-000-000-000-000-000-000-000	1	1			1		1		Endangered	Y
London Slough	100-0025-000-000-000-000-000-000-000-000-000	1	1			1				Endangered	Y
MacDonald Brook	900-0043-556-000-000-000-000-000-000-000-000			1	1	1		1		Endangered	Y
MacInnis Creek	900-0043-666-517-000-000-000-000-000-000-000	1				1		1	1	Endangered	Y
Mackereth (Barbara) Creek	900-0043-137-000-000-000-000-000-000-000-000			1		1		1		Endangered	Y
Mahood (Bear) Creek	900-0055-481-000-000-000-000-000-000-000-000	1	1	1		1		1		Endangered	Y
Manson Canal	100-0185-000-000-000-000-000-000-000-000-000			1	1	1		1		Endangered	Y
McAdam (Howell) Creek	100-0158-000-000-000-000-000-000-000-000-000			1	1	1		1		Endangered	Y
McLennan (Weirs) Creek	900-0043-542-000-000-000-000-000-000-000-000	1	1	1		1		1		Endangered	Y
McNair Creek	970-0468-252-443-817-000-000-000-000-000-000	1				1		1	1	Endangered	Y
McNalley Creek	900-0005-044-000-000-000-000-000-000-000-000	1		1		1		1		Endangered	Y
Morgan Creek	900-0043-267-000-000-000-000-000-000-000-000	1	1			1		1		Endangered	Y
Muckle Creek	900-0043-600-000-000-000-000-000-000-000-000	1		1		1		1		Endangered	Y
Munday Creek	100-0333-484-000-000-000-000-000-000-000-000			1	1			1		Endangered	Y
Murray Creek	900-0043-666-000-000-000-000-000-000-000-000	1				1		1		Endangered	Y
Nathan (Glen, Beaver) Creek	100-0437-000-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Nathan Slough	100-0452-000-000-000-000-000-000-000-000-000	1	1			1		1		Endangered	Y
Newlands Brook	900-0043-645-000-000-000-000-000-000-000-000	1	1	1		1		1		Endangered	Y
Nicomekl River	900-0043-000-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
No.7 Road Slough	100-0091-000-000-000-000-000-000-000-000-000	1	1			1		1		Endangered	Y
North Creek	900-0043-724-000-000-000-000-000-000-000-000	1	1					1		Endangered	Y
Old Logging Ditch (Kensington Creek)	900-0043-288-000-000-000-000-000-000-000-000	1	1			1				Endangered	Y
Oliver Creek	100-unavailable Fraser River tributary			1		1		1		Endangered	Y
Palmateer (Williams, Armstrong, East) Creek	100-0418-000-000-000-000-000-000-000-000-000	1				1		1		Endangered	Y
Pepin Creek	970-0468-264-387-000-000-000-000-000-000-000	1				1		1	1	Endangered	Y
Pleasantdale Creek	900-0043-615-000-000-000-000-000-000-000-000	1		1		1		1		Endangered	Y
Quibble Creek	900-0055-481-750-000-000-000-000-000-000-000	1	1	1		1		1		Endangered	Y
Robson Creek	100-0185-489-000-000-000-000-000-000-000-000			1	1	1		1		Endangered	Y
Salmon (Deleeuw) River	100-0388-000-000-000-000-000-000-000-000-000	1	1			1		1		Endangered	Y
Sam Hill Creek	900-0005-223-000-000-000-000-000-000-000-000	1				1		1		Endangered	Y
Scott Creek	100-0185-448-000-000-000-000-000-000-000-000			1	1	1		1		Endangered	Y
Serpentine (Tynehead Creek) River, Upper	900-0055-000-000-000-000-000-000-000-000-000				1	1		1		Endangered	Y
Serpentine River, Lower	900-0055-000-000-000-000-000-000-000-000-000	1	1	1		1		1	1	Endangered	Y
Southslope Creek	100- unavailable Fraser River tributary			1		1		1		Endangered	Y
Tamboline Slough	100-0026-000-000-000-000-000-000-000-000-000	1	1			1				Endangered	Y
Tilbury Slough	100-unavailable Fraser River tributary			1		1		1		Endangered	Y
Tyre Creek	100-0388-702-000-000-000-000-000-000-000-000	1				1				Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA
Union Creek	100-0388-535-000-000-000-000-000-000-000-000								1	Threatened	Y
Waechter Creek	970-0468-264-754-000-000-000-000-000-000-000	1					1	1	1	Endangered	Y
West Creek	100-0416-000-000-000-000-000-000-000-000-000	1	1				1		1	Endangered	Y
Willock Brook	900-0043-579-000-000-000-000-000-000-000-000		1	1			1			Endangered	Y
Woodward Slough	100-unavailable Fraser River tributary	1	1				1			Endangered	Y
Yorkson (Jenkins, Telegraph Trail) Creek	100-0333-000-000-000-000-000-000-000-000-000		1	1			1	1	1	Endangered	Y
<i>Unnamed Creeks (in watershed code order)</i>											
Unnamed Creek	100-0145-169-000-000-000-000-000-000-000-000	1		1			1	1		Endangered	Y
Unnamed Creek	100-0162-000-000-000-000-000-000-000-000-000		1	1			1	1		Endangered	Y
Unnamed Creek	100-0176-000-000-000-000-000-000-000-000-000		1	1			1	1		Endangered	Y
Unnamed Creek	100-0210-000-000-000-000-000-000-000-000-000		1	1			1	1		Endangered	Y
Unnamed Creek	100-0210-095-000-000-000-000-000-000-000-000		1	1			1	1		Endangered	Y
Unnamed Creek	900-0043-556-523-000-000-000-000-000-000-000	1	1	1			1	1		Endangered	Y
Unnamed Creek	900-0043-615-615-000-000-000-000-000-000-000	1		1			1	1		Endangered	Y
Unnamed Creek	900-0043-632-000-000-000-000-000-000-000-000	1		1			1			Endangered	Y
Unnamed Creek	900-0043-645-104-000-000-000-000-000-000-000			1			1	1		Endangered	Y
Unnamed Creek	100-0312-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Unnamed Creek	100-0354-000-000-000-000-000-000-000-000-000		1						1	Endangered	Y
<b>AREA 2 - LANGLEY TO HOPE</b>											
Airplane Creek	100-0657-097-458-199-000-000-000-000-000-000-000								1	Threatened	
Alexander Creek	100-1154-092-000-000-000-000-000-000-000-000									Wild	
Amadis Creek	100-0657-097-133-913-259-000-000-000-000-000-000									Wild	Y
Anderson Creek	100-0894-000-000-000-000-000-000-000-000-000	1					1	1	1	Endangered	Y
Angus Creek	100-1154-387-595-000-000-000-000-000-000-000							1		Threatened	
Arnold Slough	100-0657-483-404-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Ascaphus Creek	100-0657-097-133-574-000-000-000-000-000-000-000									Wild	Y
Atchelitz Creek	100-0718-163-000-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Barrett Creek	100-0657-097-unavailable Lower Chilliwack R. trib.	1	1						1	Endangered	Y
Bear Creek	100-0657-097-unavailable Upper Chilliwack R. trib.									Wild	
Bell Slough	100-0781-000-000-000-000-000-000-000-000-000	1	1				1	1	1	Endangered	Y
Berkey Creek	100-1154-126-345-000-000-000-000-000-000-000									Wild	
Borden Creek	100-0657-097-357-000-000-000-000-000-000-000							1		Threatened	
Boston Bar Creek	100-1154-540-000-000-000-000-000-000-000-000								1	Threatened	
Boulder Creek	100-1018-552-000-000-000-000-000-000-000-000	1						1		Endangered	Y
Bridal (Popkum) Creek	100-0894-071-891-000-000-000-000-000-000-000	1	1				1	1		Endangered	Y
Brush Creek	100-0657-097-unavailable Upper Chilliwack R. trib.									Wild	
Bushby Creek	100-1154-387-591-000-000-000-000-000-000-000							1		Threatened	
Buxton Creek	100-0657-097-380-025-000-000-000-000-000-000									Wild	
Caleb Creek	100-0543-unavailable Matsqui Slough trib.	1					1			Endangered	Y
Calkins Creek	100-0718-701-993-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Camp Slough	100-0741-287-504-000-000-000-000-000-000-000	1	1				1		1	Endangered	Y
Camson Creek	100-0497-000-000-000-000-000-000-000-000-000	1					1		1	Endangered	Y
Carry Creek	100-1154-615-000-000-000-000-000-000-000-000								1	Threatened	

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Cedar Flat Creek	100-1154-457-307-000-000-000-000-000-000-000								1	Threatened	
Centre Creek	100-0657-097-562-000-000-000-000-000-000-000								1	Threatened	
Chadsey Creek	100-0623-025-000-000-000-000-000-000-000-000	1							1	Endangered	Y
Chawuthen Creek	100-1090-000-000-000-000-000-000-000-000-000	1				1				Endangered	Y
Chevreuil Creek	100-1154-387-566-000-000-000-000-000-000-000								1	Threatened	
Chilliwack (Little Chilliwack) Creek	100-0718-000-000-000-000-000-000-000-000-000	1	1		1	1			1	Endangered	Y
Chilliwack River, Lower - Vedder Crossing to upper end of Chilliwack Lake	100-0657-097-000-000-000-000-000-000-000-000								1	Threatened	Y
Chilliwack River, Upper - above upper end of Chilliwack Lake *1	100-0657-097-000-000-000-000-000-000-000-000									Wild	
Chipmunk Creek	100-0657-097-450-000-000-000-000-000-000-000								1	Threatened	
Clayburn Creek	100-0543-000-000-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y
Clear Creek	100-0657-097-133-690-000-000-000-000-000-000								1	Wild	Y
Coco-oppelo Slough	100-0737-000-000-000-000-000-000-000-000-000			1		1			1	Endangered	Y
Coligny Creek	100-unavailable Fraser River tributary	1								Endangered	Y
Colville Creek	100-1154-387-355-000-000-000-000-000-000-000								1	Threatened	
Coquihalla River	100-1154-000-000-000-000-000-000-000-000-000	1	1			1	1	1		Endangered	Y
Deneau Creek	100-1154-344-000-000-000-000-000-000-000-000								1	Threatened	
Depot Creek	100-0657-097-723-000-000-000-000-000-000-000								1	Threatened	
Dewdney Creek *2	100-1154-457-000-000-000-000-000-000-000-000								1	Threatened	
Downes Creek	100-0536-358-709-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Dunville Creek	100-0741-689-000-000-000-000-000-000-000-000	1	1		1	1				Endangered	Y
Easy Creek	100-0657-097-unavailable Upper Chilliwack R. tributary									Wild	
Eight Mile Creek	100-1154-126-346-000-000-000-000-000-000-000									Wild	
Eleven Mile Creek	100-1154-126-675-000-000-000-000-000-000-000									Wild	
Elk Brook	100-0741-367-000-000-000-000-000-000-000-000								1	Endangered	Y
Elk Creek	100-0741-367-815-000-000-000-000-000-000-000	1	1		1	1				Endangered	Y
Eureka Creek	100-1129-083-000-000-000-000-000-000-000-000			1						Threatened	
Fifteen Mile Creek	100-0657-097-574-000-000-000-000-000-000-000									Wild	
Fifteen Mile Creek	100-1154-455-000-000-000-000-000-000-000-000									Wild	
Fin Creek	100-0657-097-133-492-000-000-000-000-000-000									Wild	Y
Foley Creek	100-0657-097-458-000-000-000-000-000-000-000								1	Threatened	
Ford Creek	100-0741-367-815-123-000-000-000-000-000-000	1				1			1	Endangered	Y
Fourteen Mile Creek	100-0657-097-361-000-000-000-000-000-000-000								1	Threatened	
Frosst Creek	100-0657-097-133-976-000-000-000-000-000-000			1		1	1		1	Endangered	Y
Ghostpass Creek	100-1154-387-771-000-000-000-000-000-000-000								1	Threatened	
Gifford Slough	100-0536-358-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Gravel Slough	100-0741-287-000-000-000-000-000-000-000-000								1	Endangered	Y
Hanna Creek	100-0501-000-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Hatchery Creek	100-0657-097-133-293-000-000-000-000-000-000								1	Threatened	Y
Hope Slough	100-0741-000-000-000-000-000-000-000-000-000	1	1		1	1			1	Endangered	Y
Hopedale Slough	100-0657-097-074-615-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Hunter Creek	100-1064-000-000-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Indian Creek	100-0657-097-unavailable Upper Chilliwack R. tributary									Wild	
Karen Creek	100-1154-unavailable Coquihalla River tributary								1	Threatened	Y
Kawkawa (Sucker) Creek	100-1154-031-000-000-000-000-000-000-000-000								1	Threatened	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Kilgard Creek	100-0657-439-101-000-000-000-000-000-000-000	1				1		1		Endangered	Y
Ladner Creek *2	100-1154-501-000-000-000-000-000-000-000-000							1		Threatened	
Laural Creek	100-0657-097-133-529-000-000-000-000-000-000							1		Threatened	Y
Lewis Slough	100-0657-097-061-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Little Fork Creek	100-0657-097-unavailable Upper Chilliwack R. tributary									Wild	
Little Tamihi Creek	100-0657-097-240-000-000-000-000-000-000-000							1		Threatened	Y
Liumchen Creek	100-0657-097-177-000-000-000-000-000-000-000	1								Threatened	Y
Liumchen Creek, East	100-0657-097-177-435-000-000-000-000-000-000							1		Threatened	
Lonzo (Marshall) Creek	100-0657-439-000-000-000-000-000-000-000-000	1		1		1		1	1	Endangered	Y
Lorenzetta Creek	100-1020-000-000-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Luckakuck Creek	100-0718-424-000-000-000-000-000-000-000-000	1		1		1		1	1	Endangered	Y
Maimen Creek	100-1129-312-000-000-000-000-000-000-000-000			1						Threatened	
Marblehill Creek	100-0718-701-814-000-000-000-000-000-000-000			1					1	Endangered	Y
Matsqui (Kelly Creek) Slough	100-0543-000-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Matthew Creek	100-1154-387-627-000-000-000-000-000-000-000							1		Threatened	
McGillivray Slough	100-0657-093-374-000-000-000-000-000-000-000	1				1			1	Endangered	Y
McLennan Creek	100-0536-000-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Midgley Creek	100-0657-097-160-000-000-000-000-000-000-000	1	1			1				Endangered	Y
Miller Slough	100-0657-093-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Montigny Creek	100-1154-387-452-000-000-000-000-000-000-000							1		Threatened	
Nelson Slough	100-0788-000-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Nesakwatch (Middle) Creek	100-0657-097-507-000-000-000-000-000-000-000							1		Threatened	
Nevin Creek	100-0741-689-659-000-000-000-000-000-000-000	1	1		1	1			1	Endangered	Y
Nicolum Creek	100-1154-126-000-000-000-000-000-000-000-000								1	Threatened	
Nine Mile Creek	100-1154-292-000-000-000-000-000-000-000-000							1		Threatened	
Nursery Creek	100-0657-097-362-000-000-000-000-000-000-000									Wild	
Ophelia Creek	100-1154-330-000-000-000-000-000-000-000-000							1		Threatened	
O'Reilly Creek	100-1154-387-619-000-000-000-000-000-000-000							1		Threatened	
Page Creek	100-0543-222-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Paleface Creek	100-0657-097-706-000-000-000-000-000-000-000							1		Threatened	
Peach Creek	100-0657-097-unavailable Lower Chilliwack R. tributary	1	1						1	Endangered	Y
Peers Creek *3	100-1154-225-000-000-000-000-000-000-000-000							1		Threatened	
Pierce Creek	100-0657-097-403-000-000-000-000-000-000-000							1		Threatened	
Poignant Creek	100-0543-809-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Post Creek	100-0657-097-619-000-000-000-000-000-000-000									Wild	
Prospectors Creek	100-1154-387-889-000-000-000-000-000-000-000							1		Threatened	
Radium Creek	100-0657-097-625-000-000-000-000-000-000-000									Wild	
Railway Creek	100-1154-264-000-000-000-000-000-000-000-000							1		Threatened	
Rice Creek	100-1154-387-647-000-000-000-000-000-000-000							1		Threatened	
Richmond Creek	100-1154-387-467-000-000-000-000-000-000-000							1		Threatened	
Ryder Creek	100-0657-097-210-000-000-000-000-000-000-000			1				1	1	Endangered	Y
Saar Creek	100-0657-483-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Salwein Creek	100-0657-097-066-000-000-000-000-000-000-000			1					1	Endangered	Y
Seedling Creek	100-0657-097-339-000-000-000-000-000-000-000									Wild	
Semmihault Creek	100-0718-701-000-000-000-000-000-000-000-000	1		1	1			1	1	Endangered	Y
Shefford Slough	100-0748-000-000-000-000-000-000-000-000-000					1			1	Endangered	Y
Silverhope Creek	100-1129-000-000-000-000-000-000-000-000-000							1		Threatened	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA	
Slesse Creek	100-0657-097-380-000-000-000-000-000-000-000							1		Threatened		
Smith Falls Creek	100-0657-097-133-515-000-000-000-000-000-000							1		Threatened	Y	
Sowaqua Creek	100-1154-387-000-000-000-000-000-000-000-000							1		Threatened		
Sowerby Creek	100-1129-179-000-000-000-000-000-000-000-000			1						Threatened		
Stewart Slough	100-0657-151-515-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y	
Stoney Creek	100-0543-566-000-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y	
Street Creek	100-0657-097-074-000-000-000-000-000-000-000	1	1						1	Endangered	Y	
Sumas Lake Canal	100-0657-151-000-000-000-000-000-000-000-000	1	1				1		1	Endangered	Y	
Sumas River	100-0657-000-000-000-000-000-000-000-000-000	1	1					1	1	Endangered	Y	
Sweltzer River	100-0657-097-133-000-000-000-000-000-000-000					1				Threatened	Y	
Tamihi Creek	100-0657-097-248-000-000-000-000-000-000-000							1		Threatened	Y	
Teapot Creek	100-0657-097-133-844-000-000-000-000-000-000									Wild	Y	
Ten Mile Creek	100-1154-328-000-000-000-000-000-000-000-000							1		Threatened		
Thacker Creek	100-1154-067-000-000-000-000-000-000-000-000								1	Threatened	Y	
Thurston Creek	100-0657-097-347-000-000-000-000-000-000-000			1						Threatened		
Tones Creek	100-0522-000-000-000-000-000-000-000-000-000	1						1	1	Endangered	Y	
Two Mile Creek	100-1154-079-000-000-000-000-000-000-000-000									Wild		
Vedder River (To Vedder Crossing)	100-0657-097-000-000-000-000-000-000-000-000	1	1				1		1	1	Endangered	Y
Wades Creek	100-0623-000-000-000-000-000-000-000-000-000	1						1	1	Endangered	Y	
Wahleach (Jones) Creek	100-1018-000-000-000-000-000-000-000-000-000					1			1	Endangered	Y	
Watercress Creek	100-1154-unavailable Coquihalla River tributary								1	Threatened	Y	
Watt Creek	100-0657-097-133-913-000-000-000-000-000-000								1	Threatened	Y	
Wells Creek	100-0657-097-133-389-000-000-000-000-000-000									Wild	Y	
Willband Creek	100-0543-534-000-000-000-000-000-000-000-000	1		1			1		1	1	Endangered	Y
Williamson Creek	100-0657-097-458-316-000-000-000-000-000-000								1	Threatened		
Wilson Slough	100-0692-000-000-000-000-000-000-000-000-000		1							Threatened	Y	
Windfall Creek	100-0657-097-133-537-000-000-000-000-000-000									Wild	Y	
Wingfield Creek	100-0657-097-219-000-000-000-000-000-000-000			1						Threatened	Y	
Wray Creek	100-1154-126-502-000-000-000-000-000-000-000									Wild		
Young Creek	100-0657-097-245-000-000-000-000-000-000-000								1	Threatened	Y	
<i>Unnamed Creeks (in watershed code order)</i>												
Unnamed Creek	100-0501-135-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-136-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-205-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-247-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-247-204-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-278-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-311-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-362-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-456-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-536-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-612-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-612-204-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-612-677-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0501-655-000-000-000-000-000-000-000-000							1	1	Endangered	Y	
Unnamed Creek	100-0536-358-861-000-000-000-000-000-000-000	1	1					1		Endangered	Y	



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Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA
Unnamed Creek	100-0536-779-000-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Unnamed Creek	100-0543-102-000-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Unnamed Creek	100-0543-102-202-000-000-000-000-000-000-000	1	1						1	Endangered	Y
Unnamed Creek	100-0543-222-392-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0543-222-448-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0543-385-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0543-446-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0543-534-713-000-000-000-000-000-000-000	1	1	1					1	Endangered	Y
Unnamed Creek	100-0543-534-953-000-000-000-000-000-000-000	1	1	1					1	Endangered	Y
Unnamed Creek	100-0543-809-207-000-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0543-893-000-000-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0623-266-000-000-000-000-000-000-000-000								1	Endangered	Y
Unnamed Creek	100-0623-419-000-000-000-000-000-000-000-000								1	Endangered	Y
Unnamed Creek	100-0657-022-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-093-374-164-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-164-408-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-164-502-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-164-684-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-272-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-328-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-400-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-475-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-597-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-093-374-865-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-097-061-429-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-097-061-582-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-097-061-896-000-000-000-000-000-000	1								Endangered	Y
Unnamed Creek	100-0657-097-133-967-000-000-000-000-000-000									Wild	Y
Unnamed Creek	100-0657-097-133-976-667-000-000-000-000-000		1						1	Endangered	Y
Unnamed Creek	100-0657-097-133-976-867-000-000-000-000-000		1						1	Endangered	Y
Unnamed Creek	100-0657-097-133-976-911-000-000-000-000-000		1						1	Endangered	Y
Unnamed Creek	100-0657-151-103-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-223-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-377-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-378-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-343-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-343-340-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-575-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-786-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-876-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-515-950-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-651-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-652-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-758-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-785-000-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-785-220-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-785-472-000-000-000-000-000-000	1	1							Endangered	Y
Unnamed Creek	100-0657-151-785-472-108-000-000-000-000-000	1	1							Endangered	Y

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Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA
Unnamed Creek	100-0657-151-785-544-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-151-785-889-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-177-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-301-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-301-634-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-351-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-378-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Unnamed Creek	100-0657-439-604-000-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-439-736-000-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-439-736-038-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-439-736-223-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-439-893-000-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-439-965-000-000-000-000-000-000	1				1		1		Endangered	Y
Unnamed Creek	100-0657-455-000-000-000-000-000-000-000	1				1				Endangered	Y
Unnamed Creek	100-0657-455-201-000-000-000-000-000-000	1				1				Endangered	Y
Unnamed Creek	100-0657-455-836-000-000-000-000-000-000	1				1				Endangered	Y
Unnamed Creek	100-0657-483-404-544-000-000-000-000-000	1				1			1	Endangered	Y
Unnamed Creek	100-0657-483-404-661-000-000-000-000-000	1				1			1	Endangered	Y
Unnamed Creek	100-0657-483-680-000-000-000-000-000-000	1				1			1	Endangered	Y

AREA 3 - STAVE RIVER TO HOPE

Agassiz Slough	100-0864-458-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Alf Creek	110-0902-293-201-000-000-000-000-000-000							1		Threatened	
Barnes Creek	100-0724-000-000-000-000-000-000-000-000								1	Threatened	Y
Bateson Slough	110-0681-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Bear Creek	110-4588-000-000-000-000-000-000-000-000							1		Threatened	
Belcharton Creek	100-0585-847-234-206-000-000-000-000-000					1	1		1	Endangered	Y
Big Silver Creek	110-5990-000-000-000-000-000-000-000-000							1		Threatened	
Blacklock Creek	110-0902-293-496-000-000-000-000-000-000							1		Threatened	
Blind Slough	100-0471-unavailable Stave River tributary			1						Threatened	Y
Bouchier Creek	100-0585-840-130-000-000-000-000-000-000			1					1	Endangered	Y
Brett Creek	110-3654-178-000-000-000-000-000-000-000									Wild	
Cannell Lake Creek	100-0471-216-780-000-000-000-000-000-000	1								Threatened	
Cardinalis Creek	100-0471-216-000-000-000-000-000-000-000	1								Threatened	
Cartmell Creek	110-3654-000-000-000-000-000-000-000-000									Wild	
Cascade Creek	100-0471-221-000-000-000-000-000-000-000	1						1	1	Endangered	Y
Cheam Slough	100-0864-000-000-000-000-000-000-000-000	1				1			1	Endangered	Y
Chehalis River	110-0902-000-000-000-000-000-000-000-000							1		Threatened	
Chester Creek	100-0493-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Chilqua Creek/Slough	100-0585-469-000-000-000-000-000-000-000	1				1	1		1	Endangered	Y
Clear Creek	110-5990-197-000-000-000-000-000-000-000									Wild	
Cogburn (Fifteen Mile) Creek	110-5351-000-000-000-000-000-000-000-000							1		Threatened	
Coho Creek	110-0902-666-000-000-000-000-000-000-000							1		Threatened	
Connor Creek	110-1492-686-000-000-000-000-000-000-000							1		Threatened	
Currie Creek	100-0585-711-000-000-000-000-000-000-000	1				1			1	Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Deroche (Crazy) Creek	100-0702-000-000-000-000-000-000-000-000-000	1								Threatened	Y
D'Herbomez Creek	100-0567-000-000-000-000-000-000-000-000-000		1	1		1		1		Endangered	Y
Dickson Creek	100-0640-736-000-000-000-000-000-000-000-000								1	Threatened	Y
Donatelli Creek	100-unavailable Fraser River tributary	1				1		1		Endangered	Y
Draper Creek	100-0585-343-000-000-000-000-000-000-000-000								1	Threatened	Y
Duncan Slough	110-0710-000-000-000-000-000-000-000-000-000	1				1	1		1	Endangered	Y
Durieux Creek	100-0585-847-234-206-081-000-000-000-000-000								1	Threatened	Y
Eagle Creek	110-0902-807-000-000-000-000-000-000-000-000								1	Threatened	
East Creek	110-1492-unavailable Morris Creek tributary								1	Threatened	Y
Elbow Creek	110-0762-000-000-000-000-000-000-000-000-000				1				1	Endangered	Y
Evans Creek	110-1492-854-unavailable Weaver Creek tributary								1	Threatened	Y
Garnet Creek	100-1047-366-000-000-000-000-000-000-000-000								1	Threatened	
Gaudin Creek	100-0519-647-000-000-000-000-000-000-000-000								1	Threatened	Y
Gerry Creek	110-0902-624-385-000-000-000-000-000-000-000								1	Threatened	
Glacier Creek	100-0471-378-000-000-000-000-000-000-000-000									Wild	
Hairsine Creek	100-0471-043-000-000-000-000-000-000-000-000								1	Threatened	Y
Hale Creek	110-4430-000-000-000-000-000-000-000-000-000									Wild	
Harrison River, Lower	110-0000-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Harrison River, Upper	110-0000-000-000-000-000-000-000-000-000-000									Wild	
Hatzic Slough	100-0585-000-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Hicks (Kamp Slough) Creek	100-0916-613-000-000-000-000-000-000-000-000	1								Threatened	Y
Holatchten Creek	110-0369-865-000-000-000-000-000-000-000-000								1	Threatened	Y
Hoover Lake Creek	100-0471-155-000-000-000-000-000-000-000-000									Wild	
Horne Creek	100-0532-421-000-000-000-000-000-000-000-000				1		1		1	Endangered	Y
Hornet Creek	110-5990-086-000-000-000-000-000-000-000-000									Wild	
Hot Springs Slough	110-2321-unavailable Miami Creek tributary	1	1			1			1	Endangered	Y
Isle Slough	100-0471-171-000-000-000-000-000-000-000-000									Wild	
Johnsons Slough	100-1019-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Kearsley Creek	100-0471-185-000-000-000-000-000-000-000-000								1	Threatened	
Kenworthy Creek	100-0585-840-000-000-000-000-000-000-000-000								1	Threatened	Y
Kenyon Lake Creek	100-0471-311-257-392-000-000-000-000-000-000								1	Threatened	
Kirkland Creek	110-6671-000-000-000-000-000-000-000-000-000									Wild	
Lagace Creek	100-0585-847-000-000-000-000-000-000-000-000			1				1	1	Endangered	Y
Lake Errock	110-0369-000-000-000-000-000-000-000-000-000							1	1	Endangered	Y
Lookout Creek	110-5819-162-000-000-000-000-000-000-000-000									Wild	
Lost Creek	100-0471-251-000-000-000-000-000-000-000-000								1	Threatened	
MacNab Creek	100-0585-847-866-000-000-000-000-000-000-000	1								Threatened	Y
Madill Creek	100-0585-469-303-000-000-000-000-000-000-000	1				1	1			Endangered	Y
Mahood (Gallagher, Johnson) Creek	100-1019-792-000-000-000-000-000-000-000-000									Wild	Y
Maisal Creek	110-0902-429-000-000-000-000-000-000-000-000								1	Threatened	
Mandale (Lane Creek) Slough	100-0532-000-000-000-000-000-000-000-000-000			1	1		1		1	Endangered	Y
Margaret Creek	110-0902-293-183-000-000-000-000-000-000-000								1	Threatened	
Maria Slough	100-0916-000-000-000-000-000-000-000-000-000	1	1					1	1	Endangered	Y
McCallum Ditch	100-0836-681-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Miami Creek	110-2321-000-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Middle Creek	110-0902-624-066-000-000-000-000-000-000-000								1	Threatened	

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

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Morris Creek	110-1492-000-000-000-000-000-000-000-000-000								1	Threatened	
Morton Creek	100-0702-195-000-000-000-000-000-000-000-000								1	Threatened	Y
Mountain Slough	100-0836-000-000-000-000-000-000-000-000-000	1	1			1	1			Endangered	Y
Mud Slough	100-0636-000-000-000-000-000-000-000-000-000			1		1			1	Endangered	Y
Mystery Creek	110-5819-000-000-000-000-000-000-000-000-000								1	Threatened	
Nicomen Creek, North	100-unavailable Nicomen Slough tributary	1	1			1				Endangered	Y
Nicomen Slough	100-unavailable Fraser River tributary	1	1			1			1	Endangered	Y
Norrish (Suicide) Creek	100-0640-000-000-000-000-000-000-000-000-000			1		1				Endangered	Y
Norrish Creek, West	100-0640-698-000-000-000-000-000-000-000-000							1		Threatened	Y
Oru Creek	100-0585-847-234-000-000-000-000-000-000-000								1	Threatened	Y
Papp Creek	100-0471-472-000-000-000-000-000-000-000-000									Wild	
Pattison Creek	100-0585-847-483-000-000-000-000-000-000-000	1	1					1		Endangered	Y
Pretty Creek	110-0902-050-000-000-000-000-000-000-000-000			1				1		Endangered	
Proud Creek	100-0519-611-000-000-000-000-000-000-000-000								1	Threatened	Y
Pye Creek	100-0720-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Quaamitch Slough	100-0688-000-000-000-000-000-000-000-000-000			1		1			1	Endangered	Y
Rolley Creek	100-0471-124-000-000-000-000-000-000-000-000	1								Threatened	
Rose Creek	100-0640-396-000-000-000-000-000-000-000-000								1	Threatened	Y
Ruby Creek	100-1047-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Sakwi Creek	110-1492-854-356-000-000-000-000-000-000-000								1	Threatened	Y
Salsbury Creek	100-0471-311-000-000-000-000-000-000-000-000								1	Threatened	
Sasin Creek	110-0415-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Sasquatch Creek	110-2457-000-000-000-000-000-000-000-000-000									Wild	Y
Sayers Lake Creek	100-0471-206-000-000-000-000-000-000-000-000									Wild	
Schkam Creek	100-1151-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Scorey (Rouleau) Creek	100-0585-584-000-000-000-000-000-000-000-000	1				1	1		1	Endangered	Y
Settler Creek	110-5351-361-000-000-000-000-000-000-000-000								1	Threatened	
Seux Creek	100-0585-847-234-206-168-000-000-000-000-000								1	Threatened	Y
Seventynine Creek	100-0471-166-000-000-000-000-000-000-000-000								1	Threatened	
Siddle (Bell, Tatham) Creek	100-0728-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Silverdale (Silver) Creek	100-0519-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Simms Creek	110-4073-000-000-000-000-000-000-000-000-000									Wild	
Skwawolt Creek	100-1054-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Skwellepil Creek	110-0902-624-000-000-000-000-000-000-000-000								1	Threatened	
Slollicum Creek	110-3277-000-000-000-000-000-000-000-000-000									Wild	
Span Creek	110-0902-293-122-000-000-000-000-000-000-000								1	Threatened	
Squakum Creek	110-0369-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Statlu Creek	110-0902-293-000-000-000-000-000-000-000-000								1	Threatened	
Statlu Creek, South	110-0902-293-469-000-000-000-000-000-000-000								1	Threatened	
Stave River, Lower	100-0471-000-000-000-000-000-000-000-000-000	1			1				1	Endangered	Y
Stave River, Upper	100-0471-000-000-000-000-000-000-000-000-000								1	Threatened	
Steelhead Creek	100-0471-091-000-000-000-000-000-000-000-000								1	Threatened	Y
Stockholm Creek	100-1145-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Stokke Creek	110-8600-000-000-000-000-000-000-000-000-000								1	Threatened	
Talc Creek	110-5351-071-000-000-000-000-000-000-000-000								1	Threatened	
Terepocki Creek	100-0471-311-257-000-000-000-000-000-000-000								1	Threatened	
Tessarò Creek	110-0902-293-796-000-000-000-000-000-000-000								1	Threatened	
Thunderbird Creek	110-2506-000-000-000-000-000-000-000-000-000									Wild	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA	
		R	C	E	D	Q	L	U	O			
Tingle Creek	100-0471-396-000-000-000-000-000-000-000-000										Wild	
Trout Lake Creek	110-2590-000-000-000-000-000-000-000-000-000										Wild	Y
Twenty Mile Creek	110-5880-000-000-000-000-000-000-000-000-000									1	Threatened	
Twin Lakes Creek	100-0471-251-343-000-000-000-000-000-000-000									1	Threatened	
Vaughan Creek	110-0902-319-000-000-000-000-000-000-000-000									1	Threatened	
Walian Creek	110-4198-000-000-000-000-000-000-000-000-000										Wild	
Weatherhead Creek	100-0471-243-000-000-000-000-000-000-000-000										Wild	
Weaver Creek	110-1492-854-000-000-000-000-000-000-000-000									1	Threatened	Y
Wharton Creek	100-0585-343-591-000-000-000-000-000-000-000	1							1		Endangered	Y
Windebank Creek	100-0532-115-000-000-000-000-000-000-000-000				1			1		1	Endangered	Y
Winslow Creek	100-0471-463-000-000-000-000-000-000-000-000										Wild	
Zaitscullachan Slough	100-0713-000-000-000-000-000-000-000-000-000	1	1						1		Endangered	Y

AREA 4 - WEST VANCOUVER TO STAVE RIVER

Albion Creek (Brook)	100-0400-000-000-000-000-000-000-000-000-000									1	Threatened	Y
Alouette River, North	100-0267-060-064-000-000-000-000-000-000-000	1	1	1			1	1	1	1	Endangered	Y
Alouette River, South	100-0267-060-000-000-000-000-000-000-000-000	1		1	1		1	1	1	1	Endangered	Y
Andrews Creek	900-0711-886-000-000-000-000-000-000-000-000										Wild	
Annore Creek	900-0524-427-000-000-000-000-000-000-000-000									1	Threatened	
Ashby Creek	100-0267-376-000-000-000-000-000-000-000-000									1	Threatened	
Baker Creek	100-0267-001-000-000-000-000-000-000-000-000			1	1					1	Endangered	Y
Beaver Creek	900-0355-000-000-000-000-000-000-000-000-000								1	1	Endangered	Y
Blaney Creek	100-0267-060-064-086-000-000-000-000-000-000	1									Threatened	Y
Blue Creek	100-0267-717-000-000-000-000-000-000-000-000									1	Threatened	
Boise Creek	100-0267-574-000-000-000-000-000-000-000-000									1	Threatened	
Booth (Laurentian) Creek	100-0222-356-000-000-000-000-000-000-000-000	1	1	1			1			1	Endangered	Y
Brothers Creek	900-0711-034-000-000-000-000-000-000-000-000				1					1	Endangered	Y
Brothers Creek, West	900-0711-034-289-000-000-000-000-000-000-000			1	1					1	Endangered	Y
Brunette River	100-0201-000-000-000-000-000-000-000-000-000			1	1			1		1	Endangered	Y
Buckingham Creek	100-0201-923-410-000-000-000-000-000-000-000				1			1		1	Endangered	Y
Bucklin Creek	100-0267-710-000-000-000-000-000-000-000-000									1	Threatened	
Buntzen Creek	900-0524-000-000-000-000-000-000-000-000-000									1	Threatened	
Burwell Creek	900-0661-497-000-000-000-000-000-000-000-000										Wild	
Byrne Creek	100-0120-000-000-000-000-000-000-000-000-000	1	1	1				1		1	Endangered	Y
Capilano River, Lower	900-0711-000-000-000-000-000-000-000-000-000			1	1	1	1	1		1	Endangered	Y
Capilano River, Upper	900-0711-000-000-000-000-000-000-000-000-000										Wild	
Catbird Slough	100-0267-191-000-000-000-000-000-000-000-000	1	1							1	Endangered	Y
Cathedral Creek	900-0661-497-331-000-000-000-000-000-000-000										Wild	
Cedar Ditch	100-0267-072-unavailable De Boville Slough			1		1					Endangered	Y
Coho (Balabanian) Creek	100-0267-060-215-000-000-000-000-000-000-000	1						1		1	Endangered	Y
Coho Creek	100-0245-unavailable Coquitlam River tributary										Wild	Y
Coliseum Creek	900-0669-840-000-000-000-000-000-000-000-000										Wild	
Como (Schoolhouse) Creek	100-0222-000-000-000-000-000-000-000-000-000	1	1	1				1		1	Endangered	Y
Connolly Creek	900-0711-711-476-000-000-000-000-000-000-000										Wild	
Cook Slough	100-0267-028-206-000-000-000-000-000-000-000	1	1					1		1	Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Coquitlam River, Lower	100-0245-000-000-000-000-000-000-000-000-000	1	1	1	1	1	1	1	1	Endangered	Y
Coquitlam River, Upper	100-0245-000-000-000-000-000-000-000-000-000									Wild	
Corbold Creek	100-0267-564-000-000-000-000-000-000-000-000							1		Threatened	
Cottonwood Creek	100-0374-073-000-000-000-000-000-000-000-000						1		1	Endangered	Y
Cranberry Slough	100-0267-028-020-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Crown Creek	900-0711-263-000-000-000-000-000-000-000-000									Wild	
Cutthroat Creek	100-0005-unavailable Musqueam Creek tributary			1					1	Endangered	Y
Cypress Creek	900-0735-000-000-000-000-000-000-000-000-000					1		1	1	Endangered	Y
Daniels Creek	900-0711-750-000-000-000-000-000-000-000-000									Wild	
Dark Creek	100-0267-287-000-000-000-000-000-000-000-000							1		Threatened	
De Boville Slough	100-0267-072-000-000-000-000-000-000-000-000		1							Threatened	Y
Dean Creek	900-0711-412-000-000-000-000-000-000-000-000									Wild	
Debeck Creek	100-0267-408-000-000-000-000-000-000-000-000							1		Threatened	
Deer Lake Creek	100-0201-923-000-000-000-000-000-000-000-000				1		1		1	Endangered	Y
Defrauder Creek	100-0267-326-000-000-000-000-000-000-000-000							1		Threatened	
Deiner Creek	100-0267-137-425-000-000-000-000-000-000-000									Wild	Y
Dominion Avenue Slough	100-0267-061-000-000-000-000-000-000-000-000		1			1				Endangered	Y
Donegani Creek	100-0267-060-064-086-286-000-000-000-000-000									Wild	Y
Donovan (Dunlop Brook) Creek	100-0374-202-000-000-000-000-000-000-000-000						1		1	Endangered	Y
Eagle Creek	100-0201-791-000-000-000-000-000-000-000-000		1	1					1	Endangered	Y
Eagle Creek	900-0753-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Eastcap Creek	900-0711-548-000-000-000-000-000-000-000-000									Wild	
Eloise Creek	100-0267-219-000-000-000-000-000-000-000-000							1		Threatened	
Enchantment Creek	900-0711-711-000-000-000-000-000-000-000-000									Wild	
Evans Creek	100-0267-060-609-101-000-000-000-000-000-000									Wild	
Fannin Creek	900-0661-533-000-000-000-000-000-000-000-000									Wild	
Fellowes Creek	900-0711-289-000-000-000-000-000-000-000-000									Wild	
Fenton Road Slough	100-0267-060-059-000-000-000-000-000-000-000		1			1			1	Endangered	Y
Fish Hatchery Creek	100-0267-549-000-000-000-000-000-000-000-000									Wild	
Fraserview (Vivian) Creek	100-unavailable Fraser River tributary	1	1			1			1	Endangered	Y
Froggers (Hollis, Trusle) Creek	100-0120-354-000-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y
Garibaldi Creek	100-0267-unavailable Pitt River tributary									Wild	
Gibbens Creek	900-0661-493-000-000-000-000-000-000-000-000									Wild	
Gold Creek	100-0267-060-609-000-000-000-000-000-000-000									Wild	
Gurney Creek	100-0267-366-000-000-000-000-000-000-000-000							1		Threatened	
Gwendoline Creek	100-0267-060-064-671-654-000-000-000-000-000									Wild	Y
Hadden Creek	900-0711-034-215-000-000-000-000-000-000-000				1		1		1	Endangered	Y
Hanes Creek	900-0669-781-000-000-000-000-000-000-000-000									Wild	
Hanover Creek	900-0711-857-000-000-000-000-000-000-000-000									Wild	
Hastings Creek	900-0669-155-000-000-000-000-000-000-000-000		1			1			1	Endangered	Y
Healmond Creek	900-0711-506-000-000-000-000-000-000-000-000									Wild	
Hesketh Creek	900-0711-639-000-000-000-000-000-000-000-000									Wild	
Hett Creek	900-0460-000-000-000-000-000-000-000-000-000	1		1		1			1	Endangered	Y
Homer Creek	100-0267-627-000-000-000-000-000-000-000-000								1	Threatened	
Houlgate Creek *2	900-0711-147-000-000-000-000-000-000-000-000								1	Threatened	Y
Hoy Creek	100-0245-110-310-000-000-000-000-000-000-000			1		1			1	Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Hoy Creek, South	100-0245-110-310-637-000-000-000-000-000-000			1		1		1		Endangered	Y
Hyde Creek	100-0267-072-977-000-000-000-000-000-000-000		1	1		1		1		Endangered	Y
Hydraulic Creek	900-0661-280-000-000-000-000-000-000-000-000									Wild	
Indian River	900-0560-000-000-000-000-000-000-000-000-000							1		Threatened	
Irvine Creek	100-0267-073-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Isabel Lake Creek	100-0267-384-000-000-000-000-000-000-000-000							1		Threatened	
Jacobs Creek	100-0267-060-064-671-000-000-000-000-000-000									Wild	Y
John Matthews Creek	100-0120-616-000-000-000-000-000-000-000-000			1					1	Endangered	Y
Junior Creek	900-0661-unavailable Seymour River tributary									Wild	
Kanaka Creek	100-0374-000-000-000-000-000-000-000-000-000					1		1	1	Endangered	Y
Katzie Slough	100-0267-028-000-000-000-000-000-000-000-000	1	1			1		1	1	Endangered	Y
Kaymar Creek	100-unavailable Fraser River tributary	1	1	1		1		1		Endangered	Y
Keith Creek	900-0669-065-000-000-000-000-000-000-000-000							1	1	Endangered	Y
Kennedy Creek	900-0669-608-000-000-000-000-000-000-000-000									Wild	Y
Lembke Creek	900-0711-369-587-000-000-000-000-000-000-000									Wild	
Lighthall Creek	900-0537-000-000-000-000-000-000-000-000-000								1	Threatened	
Loon Creek	100-0267-060-064-086-654-000-000-000-000-000									Wild	Y
Lynn Creek	900-0669-000-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
MacDonald Creek	100-0222-356-253-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y
MacIntyre Creek	100-0267-137-000-000-000-000-000-000-000-000									Wild	Y
MacKay Creek	900-0693-000-000-000-000-000-000-000-000-000	1	1	1		1		1	1	Endangered	Y
Macklin Creek	900-0711-711-476-317-000-000-000-000-000-000									Wild	
Magee Creek	100-0374-175-397-000-000-000-000-000-000-000							1	1	Endangered	Y
Mantle Creek	100-0245-309-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Maple Creek	100-0245-046-000-000-000-000-000-000-000-000	1	1	1		1		1	1	Endangered	Y
Maplewood Creek	900-0661-unavailable Seymour River tributary	1	1			1			1	Endangered	Y
Marquart (Moquart, "M") Creek	100-0245-274-000-000-000-000-000-000-000-000	1	1							Endangered	Y
Mayfly Creek	100-0267-060-064-671-433-000-000-000-000-000									Wild	Y
McCartney Creek	900-0644-000-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
McKenny (Mckinney) Creek	100-0267-060-155-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
McKenzie Creek	100-0267-060-064-086-116-000-000-000-000-000	1								Threatened	Y
McLean Creek	100-0267-076-000-000-000-000-000-000-000-000	1	1							Endangered	Y
McSween Creek	100-0267-312-000-000-000-000-000-000-000-000							1		Threatened	
Mike Lake Creek	100-0267-060-385-000-000-000-000-000-000-000	1						1		Endangered	Y
Millionaire Creek	100-0267-060-283-000-000-000-000-000-000-000								1	Threatened	Y
Mirror Lake Creek	100-0267-060-064-557-000-000-000-000-000-000									Wild	Y
Mission Creek	900-0690-251-000-000-000-000-000-000-000-000			1					1	Endangered	Y
Mosquito Creek	900-0690-000-000-000-000-000-000-000-000-000	1	1	1		1			1	Endangered	Y
Mossom Creek	900-0463-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Moyer Creek	100-0267-060-686-000-000-000-000-000-000-000									Wild	
Mundy (Munday) Creek	100-0245-046-939-000-000-000-000-000-000-000	1	1	1					1	Endangered	Y
Munro Creek *4	100-0267-152-000-000-000-000-000-000-000-000									Wild	Y
Musqueam (Tin Can) Creek	100-0005-000-000-000-000-000-000-000-000-000		1	1		1			1	Endangered	Y
Neill Creek	100-0267-317-000-000-000-000-000-000-000-000								1	Threatened	
Nelson Creek	100-0110-000-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y

Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)								Status	SA
		R	C	E	D	Q	L	U		
Nelson Creek	100-0214-000-000-000-000-000-000-000-000-000	1	1	1		1		1	Endangered	Y
Nelson Creek	900-0755-000-000-000-000-000-000-000-000-000		1	1				1	Endangered	Y
Nelson Creek	100-0120-098-000-000-000-000-000-000-000-000	1	1	1		1		1	Endangered	Y
Nickey Creek	900-0711-326-000-000-000-000-000-000-000-000								Wild	
Noons Creek	900-0453-000-000-000-000-000-000-000-000-000			1				1	Endangered	Y
Noons Creek, West	900-0453-171-000-000-000-000-000-000-000-000			1				1	Endangered	Y
Norvan Creek	900-0669-731-000-000-000-000-000-000-000-000								Wild	
Or Creek	100-0245-348-000-000-000-000-000-000-000-000							1	Threatened	Y
Orchid Creek	900-0661-735-000-000-000-000-000-000-000-000								Wild	
Osprey Creek	100-0267-344-000-000-000-000-000-000-000-000						1		Threatened	
Palisade Creek	900-0711-548-411-000-000-000-000-000-000-000								Wild	
Parkside Creek	900-unavailable Burrard Inlet tributary	1	1			1		1	Endangered	Y
Partington (Cedar, Yule) Creek	100-0267-072-985-000-000-000-000-000-000-000		1		1	1		1	Endangered	Y
Partridge Creek	100-0245-293-000-000-000-000-000-000-000-000	1	1						Endangered	Y
Paton (Patton) Creek	900-0661-419-000-000-000-000-000-000-000-000								Wild	
Pidgeon Creek	900-unavailable Burrard Inlet tributary		1	1		1		1	Endangered	Y
Pinecone Creek	100-0267-667-000-000-000-000-000-000-000-000							1	Threatened	
Pitt River, Lower	100-0267-000-000-000-000-000-000-000-000-000		1					1	Endangered	Y
Pitt River, Upper	100-0267-000-000-000-000-000-000-000-000-000							1	Threatened	
Pritchett (Crystal) Creek	100-0245-280-000-000-000-000-000-000-000-000								Wild	Y
Rainbow Creek	100-0374-131-000-000-000-000-000-000-000-000					1		1	Endangered	Y
Raven Creek	100-0267-275-000-000-000-000-000-000-000-000							1	Threatened	
Richards (Buntzen) Creek	900-0527-000-000-000-000-000-000-000-000-000							1	Threatened	
Robert Burnaby Creek	100-0201-803-000-000-000-000-000-000-000-000			1		1		1	Endangered	Y
Rodgers Creek	900-0723-000-000-000-000-000-000-000-000-000	1	1	1		1		1	Endangered	Y
Salamander Creek	100-0374-070-000-000-000-000-000-000-000-000					1		1	Endangered	Y
Schoolhouse (Andres) Creek, South	900-0443-000-000-000-000-000-000-000-000-000	1		1		1		1	Endangered	Y
Schoolhouse Creek, North	900-unavailable Burrard Inlet tributary							1	Endangered	Y
Scott Creek	100-0245-110-000-000-000-000-000-000-000-000	1	1	1		1		1	Endangered	Y
Seigie Creek	100-0374-200-000-000-000-000-000-000-000-000							1	Endangered	Y
Seymour River, Lower	900-0661-000-000-000-000-000-000-000-000-000				1			1	Endangered	Y
Seymour River, Upper	900-0661-000-000-000-000-000-000-000-000-000								Wild	
Shale Creek	100-0267-707-000-000-000-000-000-000-000-000							1	Threatened	
Simon (Gun Club) Creek	900-unavailable Burrard Inlet tributary	1	1						Endangered	Y
Sisters Creek	900-0711-369-000-000-000-000-000-000-000-000								Wild	
Slade Creek	100-0245-unavailable Coquitlam River tributary							1	Threatened	Y
Slaughterhouse Creek	900-unavailable Burrard Inlet tributary		1	1		1		1	Endangered	Y
Smiling Creek	100-0267-072-977-152-000-000-000-000-000-000		1						Threatened	Y
Spencer Creek	100-0374-063-000-000-000-000-000-000-000-000	1				1		1	Endangered	Y
Spring Creek	100-0267-060-064-086-319-000-000-000-000-000								Wild	Y
Sprott Creek	100-0425-000-000-000-000-000-000-000-000-000							1	Threatened	Y
Steelhead Creek	100-0245-330-000-000-000-000-000-000-000-000								Wild	Y
Stephenson Creek	100-0267-228-000-000-000-000-000-000-000-000							1	Threatened	
Still Creek	100-0201-951-000-000-000-000-000-000-000-000	1	1	1		1		1	Endangered	Y
Stoney Creek	100-0201-566-000-000-000-000-000-000-000-000	1	1	1				1	Endangered	Y
Strachan Creek	900-0711-369-162-000-000-000-000-000-000-000								Wild	



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Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)									Status	SA
		R	C	E	D	Q	L	U	O		
Stuart Creek	100-0267-174-000-000-000-000-000-000-000-000									Wild	Y
Sturgeon Slough	100-0267-116-000-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Sussex Creek	100-unavailable Fraser River tributary			1		1			1	Endangered	Y
Suter Brook	900-unavailable Burrard Inlet tributary			1	1	1			1	Endangered	Y
Thain Creek	900-0690-063-263-000-000-000-000-000-000-000	1		1		1			1	Endangered	Y
Thames Creek	900-0669-155-unavailable Hastings Creek tributary	1	1						1	Endangered	Y
Thornvale Creek	100-0374-220-000-000-000-000-000-000-000-000					1			1	Endangered	Y
Tulley Slough	100-0267-028-241-000-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Tulley Slough	100-0267-028-241-435-000-000-000-000-000-000	1	1			1			1	Endangered	Y
Viking Creek	100-0267-060-589-000-000-000-000-000-000-000									Wild	
Vinson Creek	900-0711-006-000-000-000-000-000-000-000-000				1				1	Endangered	Y
Wagg Creek	900-0690-063-000-000-000-000-000-000-000-000	1		1		1			1	Endangered	Y
Whonnock Creek	100-0453-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Wickenden Creek	900-0669-660-000-000-000-000-000-000-000-000									Wild	
Widgeon Creek *5	100-0267-193-000-000-000-000-000-000-000-000									Wild	Y
Widgeon Lake Creek	100-0267-193-492-000-000-000-000-000-000-000									Wild	Y
Williams Creek *6	100-0267-323-000-000-000-000-000-000-000-000							1		Threatened	
Windermere Creek	900-0505-000-000-000-000-000-000-000-000-000								1	Threatened	Y
Windsor Creek	900-0711-913-000-000-000-000-000-000-000-000									Wild	
York Creek	100-0450-000-000-000-000-000-000-000-000-000								1	Threatened	Y

Unnamed Creeks (in watershed code order)

Unnamed Creek	100-0201-791-794-000-000-000-000-000-000-000		1	1					1	Endangered	Y
Unnamed Creek	100-0201-791-872-000-000-000-000-000-000-000		1	1					1	Endangered	Y
Unnamed Creek	100-0201-951-303-000-000-000-000-000-000-000			1		1			1	Endangered	Y
Unnamed Creek	100-0201-951-568-000-000-000-000-000-000-000			1		1			1	Endangered	Y
Unnamed Creek	100-0245-046-939-367-000-000-000-000-000-000	1	1	1					1	Endangered	Y
Unnamed Creek	100-0245-330-619-000-000-000-000-000-000-000									Wild	
Unnamed Creek	100-0267-060-173-000-000-000-000-000-000-000		1			1			1	Endangered	Y
Unnamed Creek	100-0267-408-603-000-000-000-000-000-000-000							1		Threatened	
Unnamed Creek	100-0308-000-000-000-000-000-000-000-000-000		1			1			1	Endangered	Y
Unnamed Creek	100-0308-058-000-000-000-000-000-000-000-000		1			1			1	Endangered	Y
Unnamed Creek	100-0359-000-000-000-000-000-000-000-000-000					1			1	Endangered	Y
Unnamed Creek	100-0364-000-000-000-000-000-000-000-000-000					1			1	Endangered	Y
Unnamed Creek	100-0367-000-000-000-000-000-000-000-000-000					1			1	Endangered	Y
Unnamed Creek	100-0414-000-000-000-000-000-000-000-000-000								1	Threatened	Y

FRASER RIVER LATERAL CHANNELS

Greyell Slough	Fraser River lateral channel	1				1				Endangered	Y
Wahleach Slough	Fraser River lateral channel									Wild	Y

CLASSIFICATION EXPLANATIONS FOR SELECTED STREAMS

In the Stream Classification workshops, participants identified a number of streams that had impacts which did not match resulting classifications.

*Wild, Threatened, Endangered, and Lost Streams of the Lower Fraser Valley - Summary Report*

Gazetted/Local Name (in alphabetical order)	Watershed Code (Old)	R	C	E	D	Q	L	U	O	Status	SA
These exceptions are listed below.											
*1 Chilliwack R., upper (Area 2)	Workshop participants wanted the upper Chilliwack River to be classified as wild, despite having a few impacts.						1	1		Wild	
*2 Dewdney Ck. (Area 2) Houlgate Ck. (Area 4) Ladner Ck. (Area 2)	Workshop participants felt these three creeks should be listed as threatened even though they had two significant impacts.			1			1		1	Threatened Threatened Threatened	
*3 Peers Ck. (Area 2)	There was a gravel pit on this creek that caused considerable damage. It is closed now and workshop participants felt that, as a result, the creek was in a transition from being endangered to threatened, and that its status rating should reflect this.						1		1	Threatened	
*4 Munro Ck. (Area 4)	While the lower reaches of Munro Creek, below Quarry Road are channelized, the upper reaches are relatively untouched; therefore workshop participants wanted this stream to be considered wild.		1							Wild	
*5 Widgeon Ck. (Area 4)	Workshop participants wanted this creek to be rated wild, because now that it is in a park, it is protected.								1	Wild	
*6 Williams Ck. (Area 4)	Workshop participants wanted this creek to be rated threatened because now that it is in a park, it is protected.						1		1	Wild	