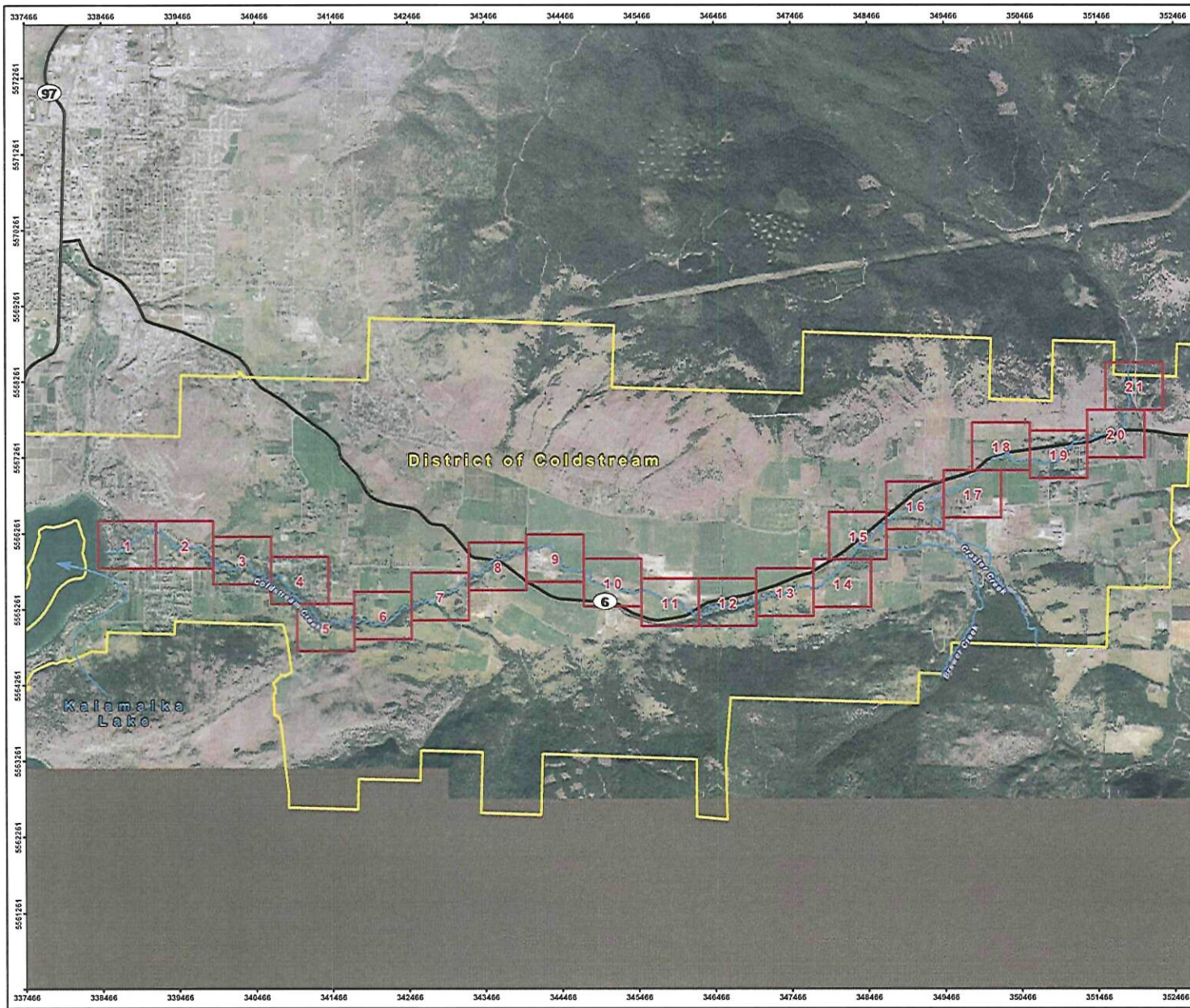


MAP SHEETS





Coldstream Creek Sensitive Habitat Inventory and Mapping - Index Map

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT/XH)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- Coldstream Creek Mapsheet
- Coldstream Limits
- SHIM Stream





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 1

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

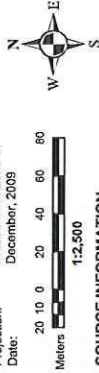
LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |



Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 2

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-388
 Prepared for: District of Coldstream
 Prepared by: ECOSCAPE Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009



SOURCE INFORMATION

Base Map: 82L
 Province of British Columbia
 Orthophoto: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> SHM Stream SHM Segment Break Top of Bank Coldstream Limits Legal Right of Way Culvert Discharge Erosion Bridge Channelization Dam Detention Pond Dock Fences Garbage/Pollution Livestock Access Livestock Crossing Other Pipe Crossing Retain Wall/Bank Stabilization Rip Rap Water Withdrawal | <ul style="list-style-type: none"> Photo Location Enhancement Fish Habitat Boulder Deep Pool Instream Vegetation Large Woody Debris Over Stream Vegetation Small Woody Debris Spawning Habitat Undercut Bank Waterbody Natural Springs Side Channel Troutery Wetland Other Obstruction Beaver Dam Falls Log Jam Persistent Debris |
|--|---|





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 3

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|----------------------------------|--------------------------|
| — SHIM Stream | Photo Location |
| ○ SHIM Segment Break | Enhancement |
| — Top of Bank | Fish Habitat |
| — Coldstream Limits | ● Boulder |
| Legal | ● Deep Pool |
| Right of Way | ● Instream Vegetation |
| ● Culvert | ● Large Woody Debris |
| ● Discharge | ● Over Stream Vegetation |
| ● Erosion | ● Small Woody Debris |
| Modification | ● Spawning Habitat |
| ● Bridge | ● Undercut Bank |
| ● Channelization | Waterbody |
| ● Dam | ● Natural Springs |
| ● Detention Pond | ● Side Channel |
| ● Dock | ● Tributary |
| ● Fences | ● Wetland |
| ● Garbage/Pollution | ● Other |
| ● Livestock Access | Obstruction |
| ● Livestock Crossing | ● Beaver Dam |
| ● Other | ● Falls |
| ● Pipe Crossing | ● Log Jam |
| ● Retain Wall/Bank Stabilization | ● Persistent Debris |
| ● Rip Rap | |
| ● Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 4

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> SHIM Stream SHIM Segment Break Top of Bank Coldstream Limits Legal Right of Way Culvert Discharge Erosion | <ul style="list-style-type: none"> Photo Location Enhancement |
| <ul style="list-style-type: none"> Bridge Channelization Dam Detention Pond Dock Fences Garbage/Pollution Livestock Access Livestock Crossing Other Pipe Crossing Retain Wall/Bank Stabilization Rip Rap Water Withdrawal | <ul style="list-style-type: none"> Fish Habitat Boulder Deep Pool Instream Vegetation Large Woody Debris Over Stream Vegetation Small Woody Debris Spawning Habitat Undercut Bank |
| | <ul style="list-style-type: none"> Waterbody Natural Springs Side Channel Tributary Wetland Other |
| | <ul style="list-style-type: none"> Obstruction Beaver Dam Falls Log Jam Persistent Debris |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 5

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 6

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 7

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



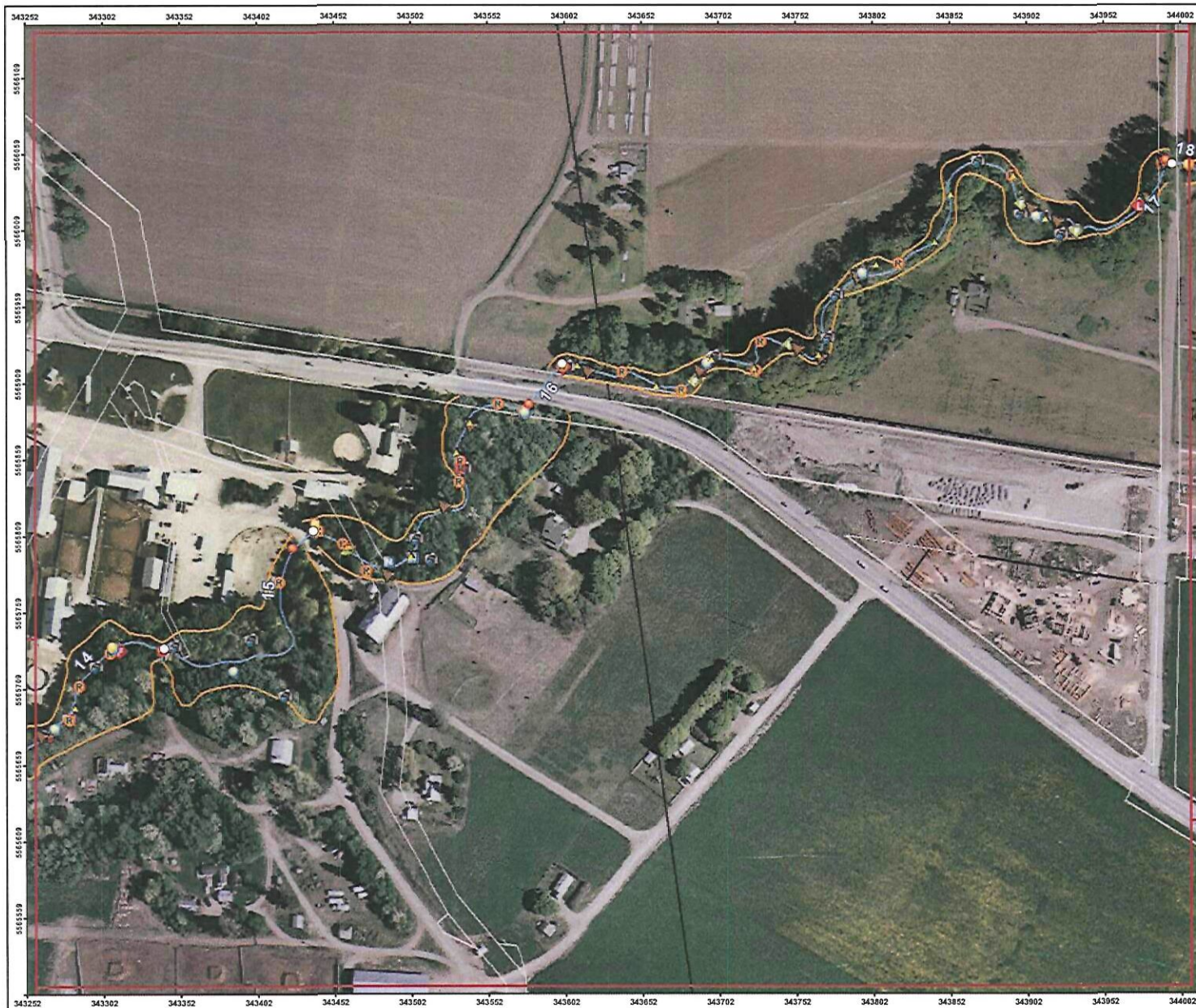
SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 8

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500

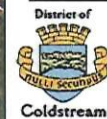


SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 9

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

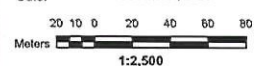
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|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 10

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

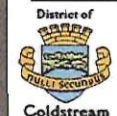


SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

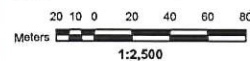
- | | |
|--|--|
| <ul style="list-style-type: none"> SHIM Stream SHIM Segment Break Top of Bank Coldstream Limits Legal Right of Way Culvert Discharge Erosion Modification Bridge Channelization Dam Detention Pond Dock Fences Garbage/Pollution Livestock Access Livestock Crossing Other Pipe Crossing Retain Wall/Bank Stabilization Rip Rap Water Withdrawal | <ul style="list-style-type: none"> Photo Location Enhancement Fish Habitat Boulder Deep Pool Instream Vegetation Large Woody Debris Over Stream Vegetation Small Woody Debris Spawning Habitat Undercut Bank Waterbody Natural Springs Side Channel Tributary Wetland Other Obstruction Beaver Dam Falls Log Jam Persistent Debris |
|--|--|





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 11

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009



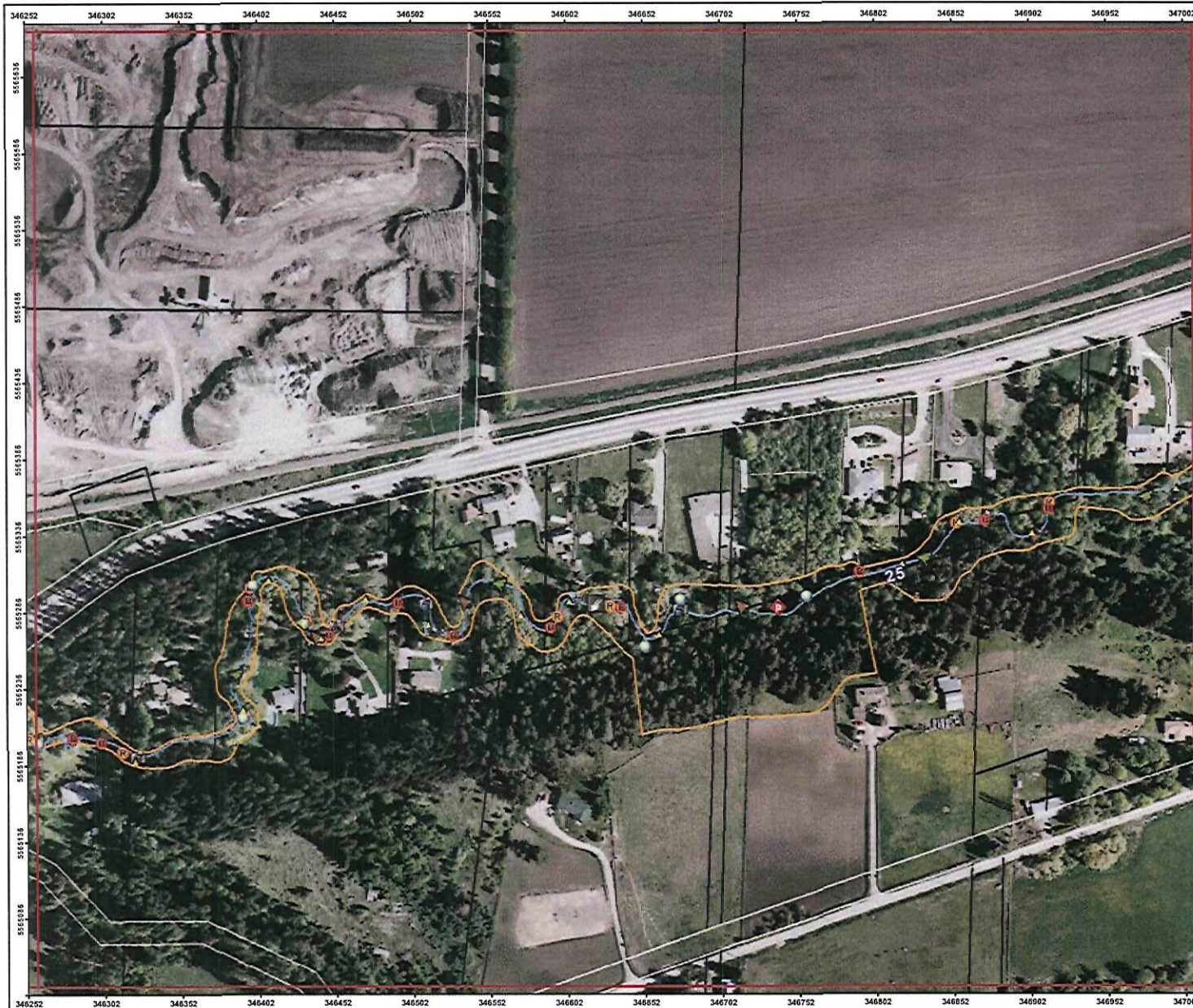
SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|----------------------------------|--------------------------|
| — SHIM Stream | Photo Location |
| ○ SHIM Segment Break | Enhancement |
| — Top of Bank | Fish Habitat |
| — Coldstream Limits | □ Boulder |
| — Legal | ○ Deep Pool |
| ○ Right of Way | ○ Instream Vegetation |
| ○ Culvert | △ Large Woody Debris |
| ○ Discharge | ○ Over Stream Vegetation |
| △ Erosion | △ Small Woody Debris |
| Modification | △ Spawning Habitat |
| △ Bridge | △ Undercut Bank |
| △ Channelization | Waterbody |
| △ Dam | □ Natural Springs |
| △ Detention Pond | □ Side Channel |
| △ Dock | □ Tributary |
| △ Fences | □ Wetland |
| △ Garbage/Pollution | □ Other |
| △ Livestock Access | Obstruction |
| △ Livestock Crossing | △ Beaver Dam |
| △ Other | △ Falls |
| △ Pipe Crossing | △ Log Jam |
| △ Retain Wall/Bank Stabilization | △ Persistent Debris |
| △ Rip Rap | |
| △ Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 12

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



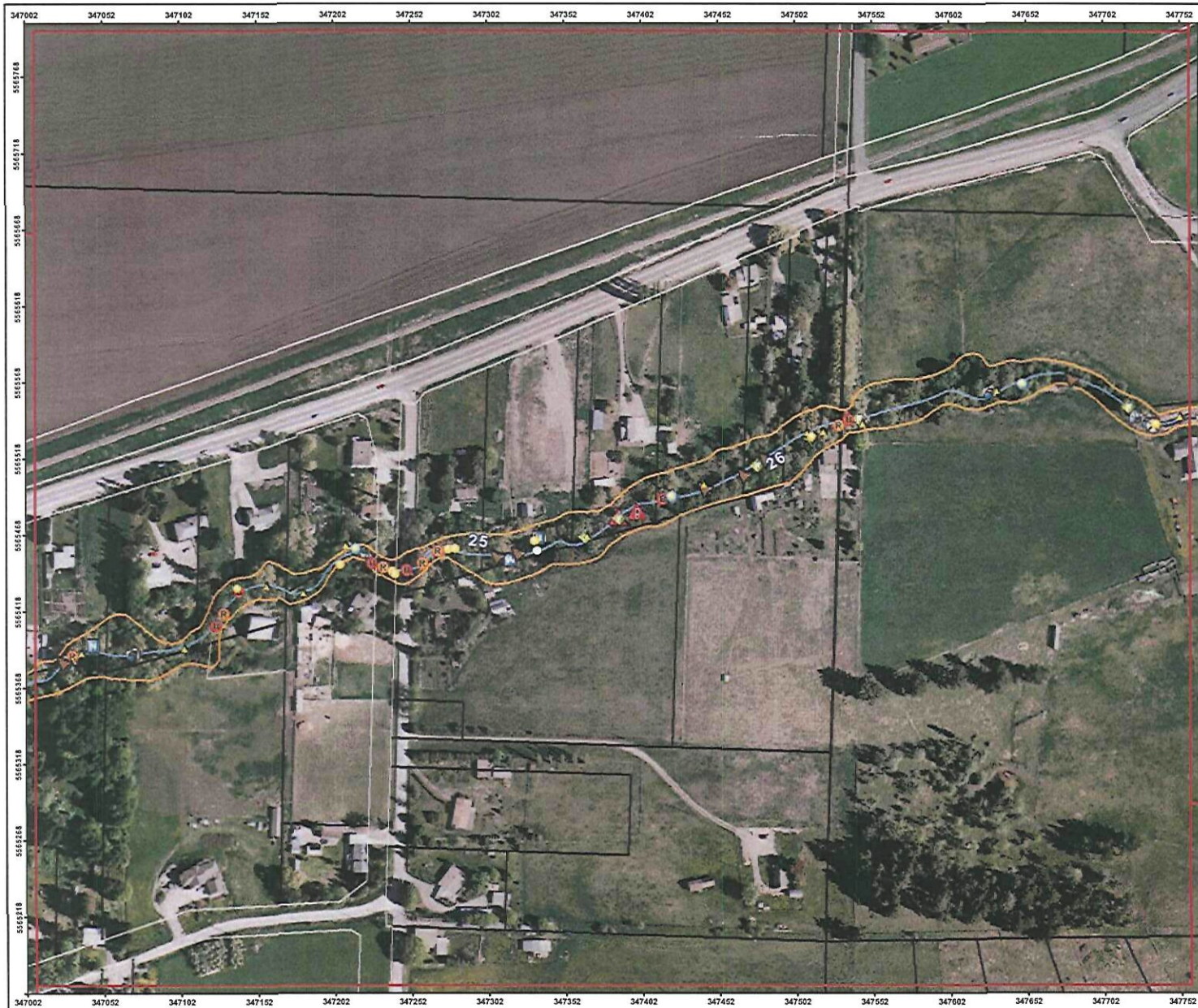
SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Aerial Photo and Topographic Estimate
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 13

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



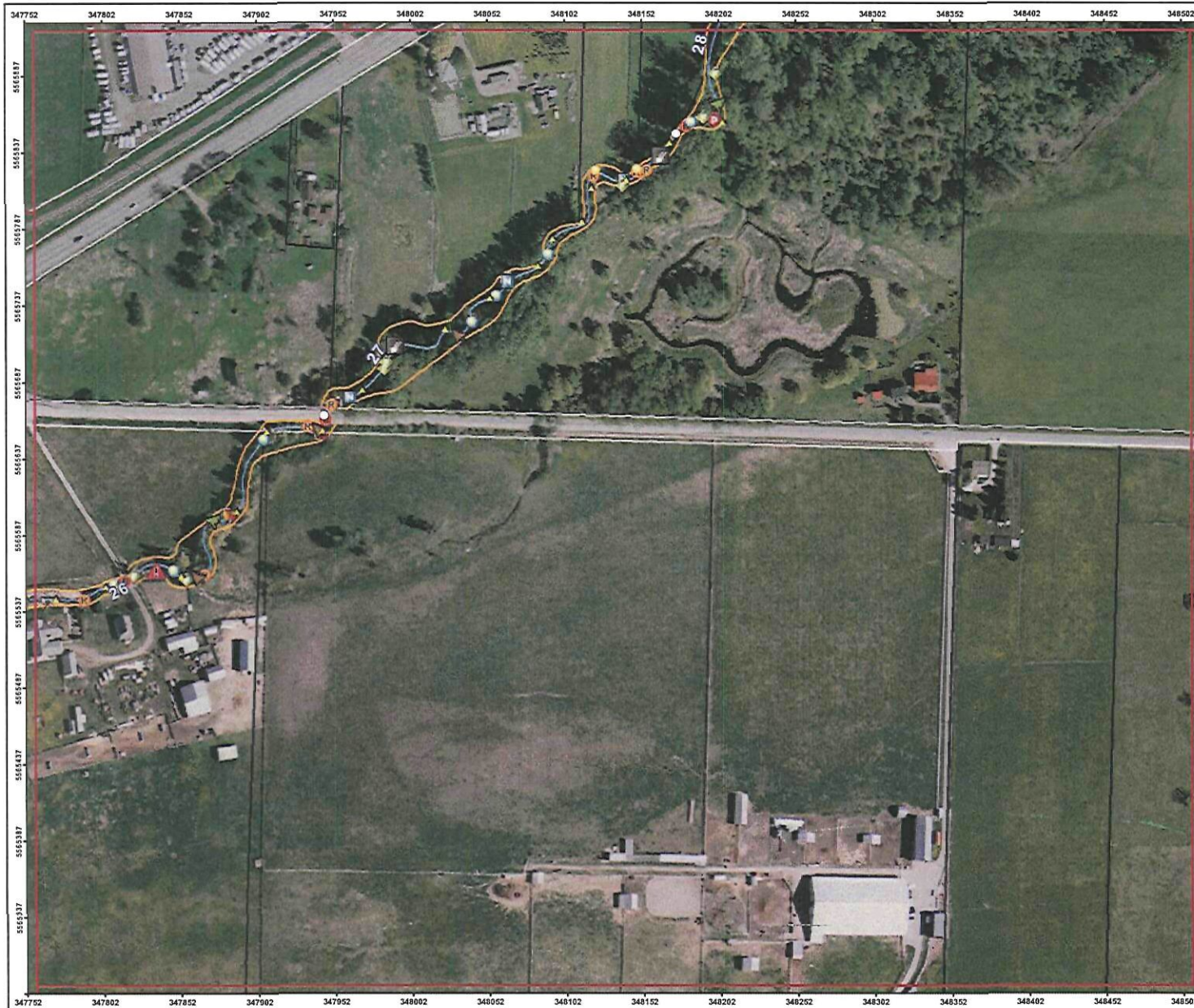
SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal Right of Way | Deep Pool |
| Culvert | Instream Vegetation |
| Discharge | Large Woody Debris |
| Erosion | Over Stream Vegetation |
| Modification | Small Woody Debris |
| Bridge | Spawning Habitat |
| Channelization | Undercut Bank |
| Dam | Waterbody |
| Detention Pond | Natural Springs |
| Dock | Side Channel |
| Fences | Tributary |
| Garbage/Pollution | Wetland |
| Livestock Access | Other |
| Livestock Crossing | Obstruction |
| Other | Beaver Dam |
| Pipe Crossing | Falls |
| Retain Wall/Bank Stabilization | Log Jam |
| Rip Rap | Persistent Debris |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 14

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

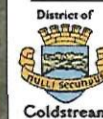


SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 15

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 16

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 17

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|---|---|
| <ul style="list-style-type: none"> SHIM Stream SHIM Segment Break Top of Bank Coldstream Limits Legal Right of Way Culvert Discharge Erosion | <ul style="list-style-type: none"> Photo Location Enhancement |
| <ul style="list-style-type: none"> Modification Bridge Channelization Dam Detention Pond Dock Fences Garbage/Pollution Livestock Access Livestock Crossing Other Pipe Crossing Retain Wall/Bank Stabilization Rip Rap Water Withdrawal | <ul style="list-style-type: none"> Fish Habitat Boulder Deep Pool Instream Vegetation Large Woody Debris Over Stream Vegetation Small Woody Debris Spawning Habitat Undercut Bank Waterbody Natural Springs Side Channel Tributary Wetland Other Obstruction Beaver Dam Falls Log Jam Persistent Debris |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 18

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500



SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 19

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500

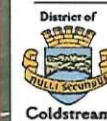


SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Airphoto and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |





Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 20

Project: Sensitive Habitat Inventory and Mapping
 Location: Okanagan Lake
 Project No.: 09-368
 Prepared for: District of Coldstream
 Prepared by: Ecoscape Environmental Consultants Ltd.
 Drawn by: Robert Wagner
 Checked by: Danielle Drieschner
 Projection: NAD83-UTM Zone 11
 Date: December, 2009

20 10 0 20 40 60 80
 Meters
 1:2,500

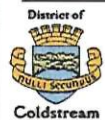


SOURCE INFORMATION

Base Map: 82L
 Orthophoto: Province of British Columbia
 Waterbody Information: Coldstream Creek
 Location Information: Field, GPS (Trimble GeoXT)
 Feature Information: Aerial Photo and Topographic Estimate
 Field Inventory
 Date of Inventory: Summer and Autumn, 2009
 Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|--------------------------------|------------------------|
| SHIM Stream | Photo Location |
| SHIM Segment Break | Enhancement |
| Top of Bank | Fish Habitat |
| Coldstream Limits | Boulder |
| Legal | Deep Pool |
| Right of Way | Instream Vegetation |
| Culvert | Large Woody Debris |
| Discharge | Over Stream Vegetation |
| Erosion | Small Woody Debris |
| Modification | Spawning Habitat |
| Bridge | Undercut Bank |
| Channelization | Waterbody |
| Dam | Natural Springs |
| Detention Pond | Side Channel |
| Dock | Tributary |
| Fences | Wetland |
| Garbage/Pollution | Other |
| Livestock Access | Obstruction |
| Livestock Crossing | Beaver Dam |
| Other | Falls |
| Pipe Crossing | Log Jam |
| Retain Wall/Bank Stabilization | Persistent Debris |
| Rip Rap | |
| Water Withdrawal | |



Coldstream Creek Sensitive Habitat Inventory and Mapping - Mapsheet 21

Project:
Location: Okanagan Lake
Project No.: 09-388
Prepared for: District of Coldstream
Ecoscape Environmental Consultants Ltd.
Drawn by: Robert Wagner
Checked by: Danielle Drieschner
Projection: NAD83-UTM Zone 11
Date: December, 2009



SOURCE INFORMATION

Base Map: 82L
Province of British Columbia
Orthophoto: Coldstream Creek
Waterbody Information: Field, GPS (Trimble GeoXT)
Location Information: Airphoto and Topographic Estimate
Feature Information: Field Inventory
Date of Inventory: Summer and Autumn, 2009
Inventory Management: Danielle Drieschner / Kyle Hawes

LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> Shaded Stream Shaded Segment Break Top of Bank Channel Limits Legal Right of Way Culvert Discharge Erosion Bridge Channelization Dam Detention Pond Dock Fences Garbage/Pollution Livestock Access Livestock Crossing Other Pipe Crossing Retain Wall/Bank Stabilization Rip Rap Water Withdrawal | <ul style="list-style-type: none"> Photo Location Enhancement Fish Habitat Boulder Deep Pool Instream Vegetation Large Woody Debris Over Stream Vegetation Small Woody Debris Spawning Habitat Undercut Bank Waterbody Natural Springs Side Channel Tributary Wetland Other Obstruction Beaver Dam Falls Log Jam Persistent Debris |
|---|--|

