

PRIEST CREEK

Segment 1

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
Location:	Kelowna, BC
Project No.:	06-054
Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N
W E
S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion
- Beaver dam (no obstruction)

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

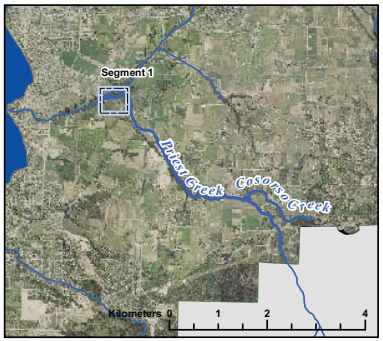
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

Base Map:	82E.083 Kelowna
Orthophoto:	2003, provided by City of Kelowna
Stream Information:	Field Inventory
Location Information:	Field, GPS (Trimble GEO XM & XT)
Feature Information:	Field Inventory
Date of Inventory:	2006/12
Inventory Management:	Kyle Hawes, R.P.Bio.



City of Kelowna

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Environmental Consultants Ltd.



PRIEST CREEK

Segments 2-5

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

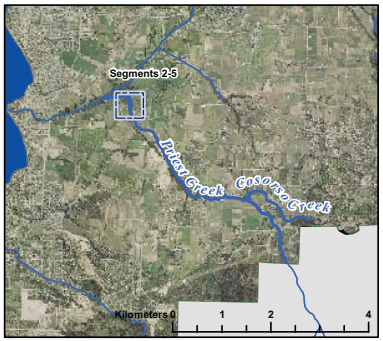
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

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Orthophoto:	2003, provided by City of Kelowna
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Location Information:	Field, GPS (Trimble GEO XM & XT)
Feature Information:	Field Inventory
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Inventory Management:	Kyle Hawes, R.P.Bio.



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PRIEST CREEK

Segments 6-7

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

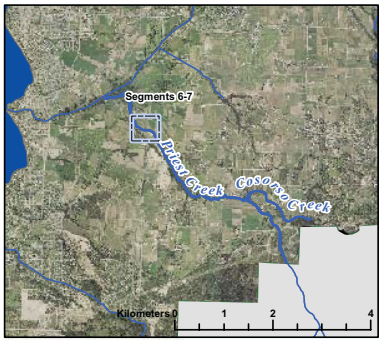
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

Base Map:	82E.083 Kelowna
Orthophoto:	2003, provided by City of Kelowna
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Location Information:	Field, GPS (Trimble GEO XM & XT)
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Date of Inventory:	2006/12
Inventory Management:	Kyle Hawes, R.P.Bio.



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PRIEST CREEK

Segments 8

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

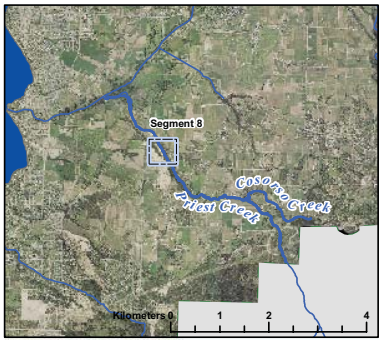
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

Base Map:	82E.083 Kelowna
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Feature Information:	Field Inventory
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Inventory Management:	Kyle Hawes, R.P.Bio.



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PRIEST CREEK

Segment 9

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Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

50 25 0 50 100 150 Meters

1:3,500

N
W E
S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

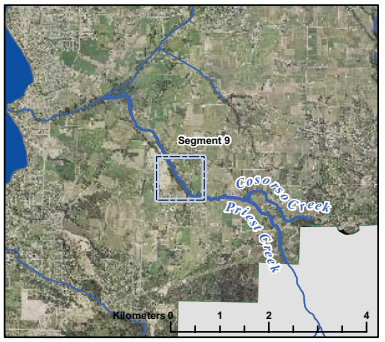
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

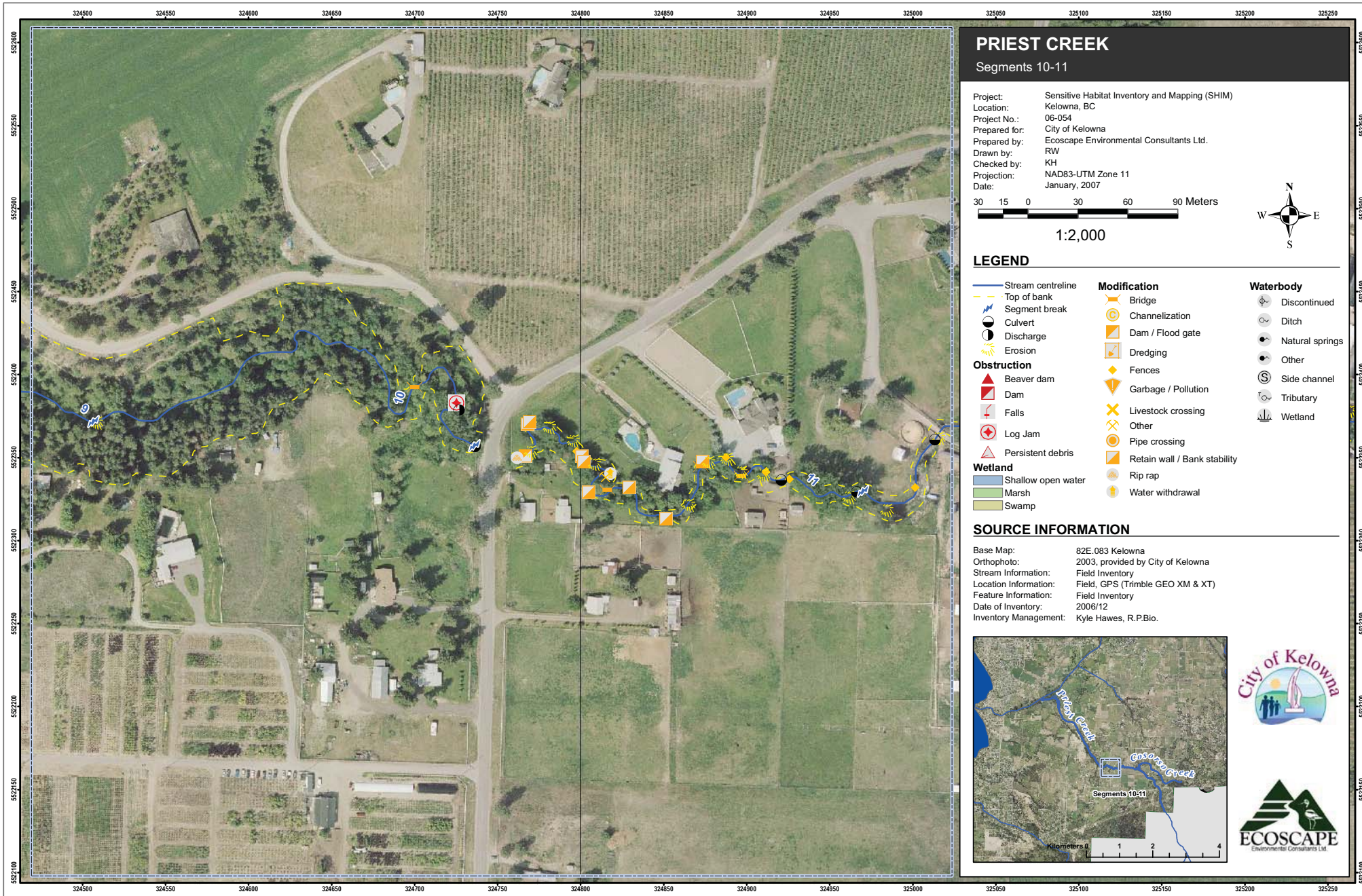
SOURCE INFORMATION

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Inventory Management:	Kyle Hawes, R.P.Bio.



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PRIEST CREEK

Segments 10-11

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
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Date of Inventory:	2006/12
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City of Kelowna

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PRIEST CREEK

Segments 12-14

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

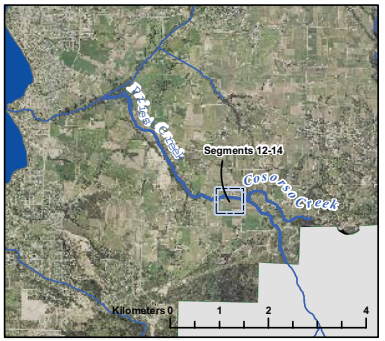
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

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City of Kelowna

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PRIEST CREEK / CASORSO CREEK

Segments 15-16 / Segment 1

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Project No.:	06-054
Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
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30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

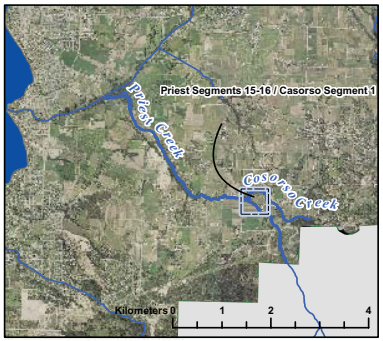
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
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- Natural springs
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City of Kelowna

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PRIEST CREEK / CASORSO CREEK

Segment 17 / Segment 2

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
Location:	Kelowna, BC
Project No.:	06-054
Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
Date:	January, 2007

30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

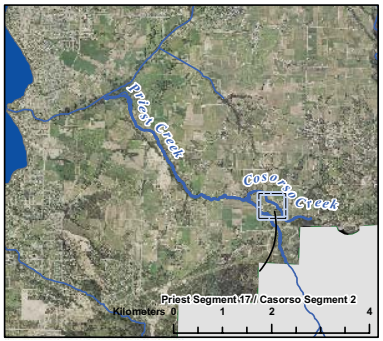
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

Base Map:	82E.083 Kelowna
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PRIEST CREEK / CASORSO CREEK

Segment 18 / Segments 3-5

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Project No.:	06-054
Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
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30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

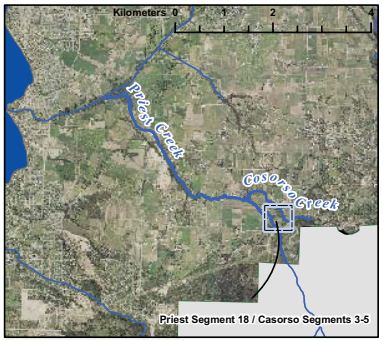
- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

SOURCE INFORMATION

Base Map:	82E.083 Kelowna
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PRIEST CREEK

Segments 19-20

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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30 15 0 30 60 90 Meters

1:3,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

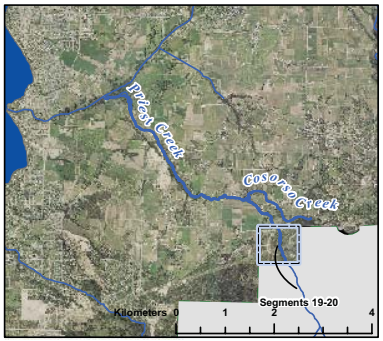
- Bridge
- Channelization
- Dam / Flood gate
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- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
- Other
- Side channel
- Tributary
- Wetland

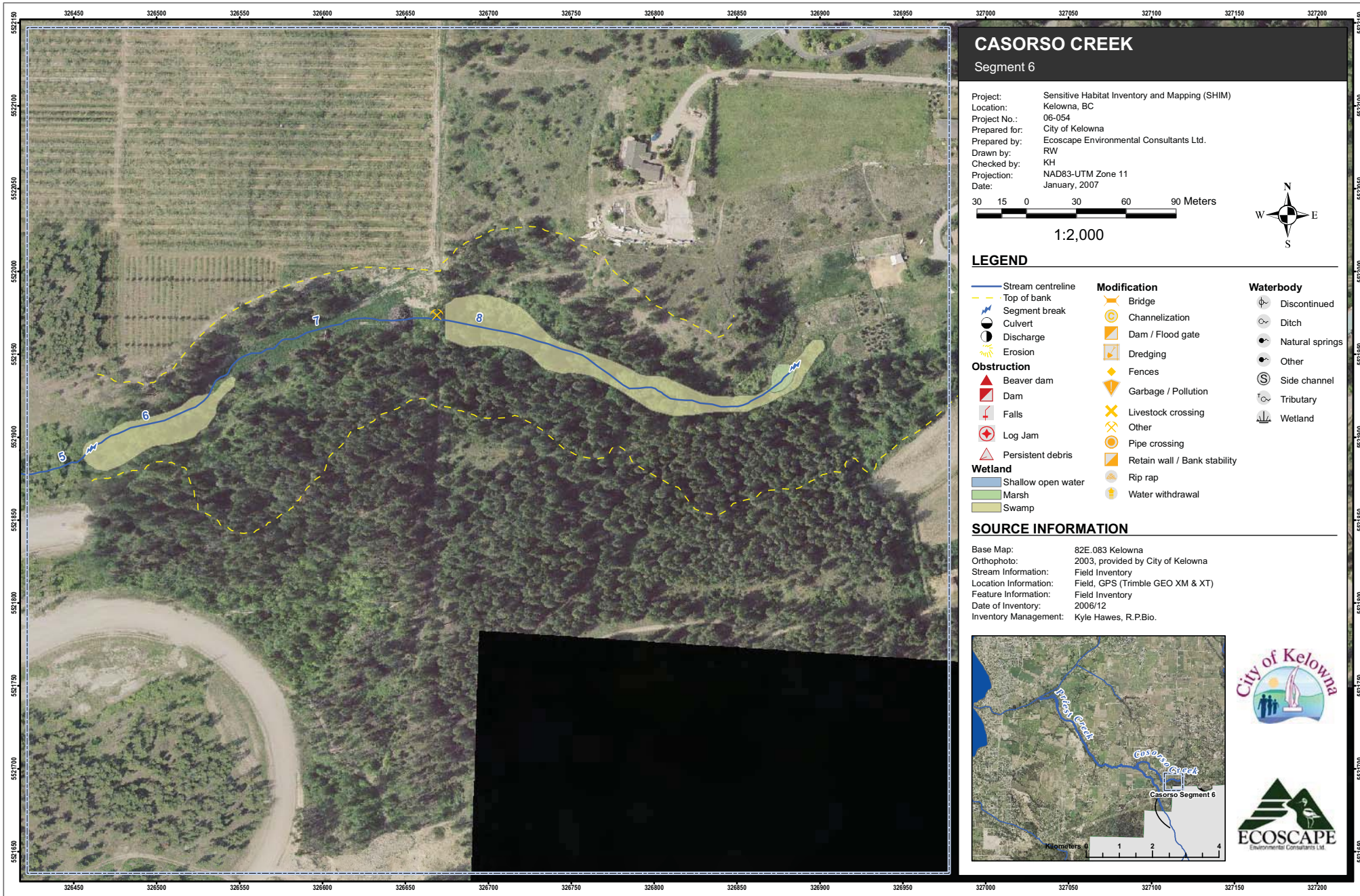
SOURCE INFORMATION

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CASORSO CREEK

Segment 6

Project:	Sensitive Habitat Inventory and Mapping (SHIM)
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Prepared for:	City of Kelowna
Prepared by:	Ecoscape Environmental Consultants Ltd.
Drawn by:	RW
Checked by:	KH
Projection:	NAD83-UTM Zone 11
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30 15 0 30 60 90 Meters

1:2,000

N W E S

LEGEND

- Stream centreline
- Top of bank
- Segment break
- Culvert
- Discharge
- Erosion

Obstruction

- Beaver dam
- Dam
- Falls
- Log Jam
- Persistent debris

Wetland

- Shallow open water
- Marsh
- Swamp

Modification

- Bridge
- Channelization
- Dam / Flood gate
- Dredging
- Fences
- Garbage / Pollution
- Livestock crossing
- Other
- Pipe crossing
- Retain wall / Bank stability
- Rip rap
- Water withdrawal

Waterbody

- Discontinued
- Ditch
- Natural springs
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- Side channel
- Tributary
- Wetland

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