

ORRI PROJECT UPDATE

prepared for
BOBTWG
March 3, 2009

**The
"CRITICAL
ZONE"**





Natural Reach – 1.4 km



Semi-natural Reach – 2.9 km



Restoration Reach – 2.0 km



Critical Zone
6.3 km
<4 miles

2002 – fisheries agencies approved
Okanagan River Restoration Initiative



Funding

- BC Ministry of Water, Land & Air Protection
- BC Ministry of Transportation & Highways
- Bumwrap
- Canadian Wildlife Service
- Chelan PUD
- Cocymela
- Douglas County PUD
- Grant County PUD
- Habitat Conservation Trust Fund
- Habitat Stewardship Program
- Okanagan Region Wildlife Heritage Fund Society
- The Land Conservancy



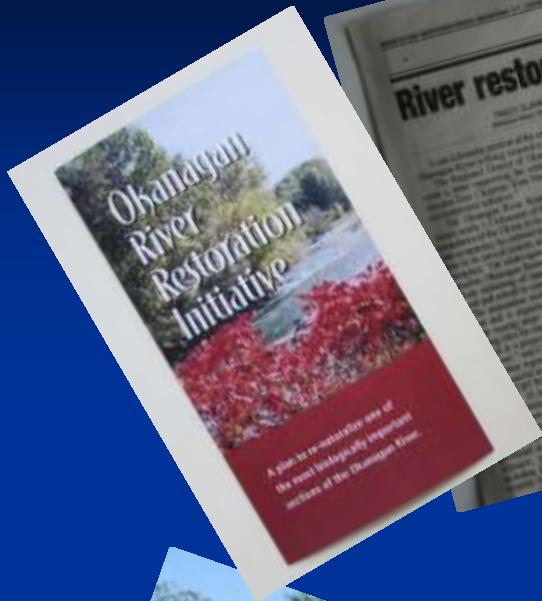
Property Acquisition - 2004 - Present





Site Cleared - 2006

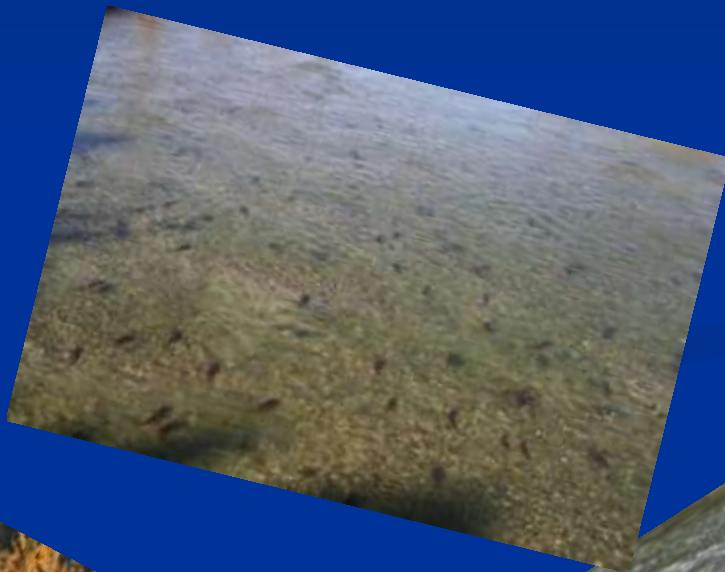




OUTREACH



Monitoring



Phased Approach



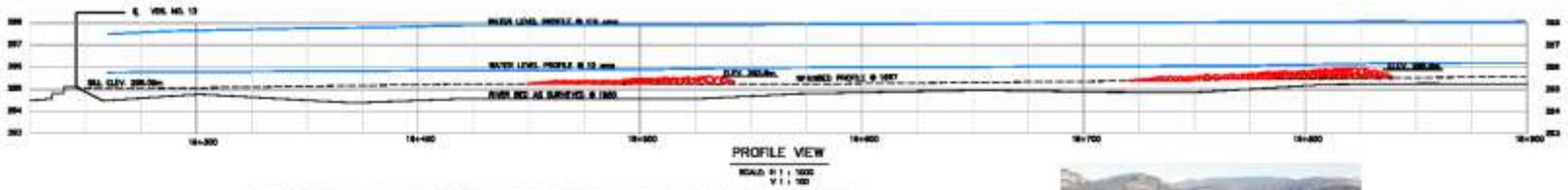
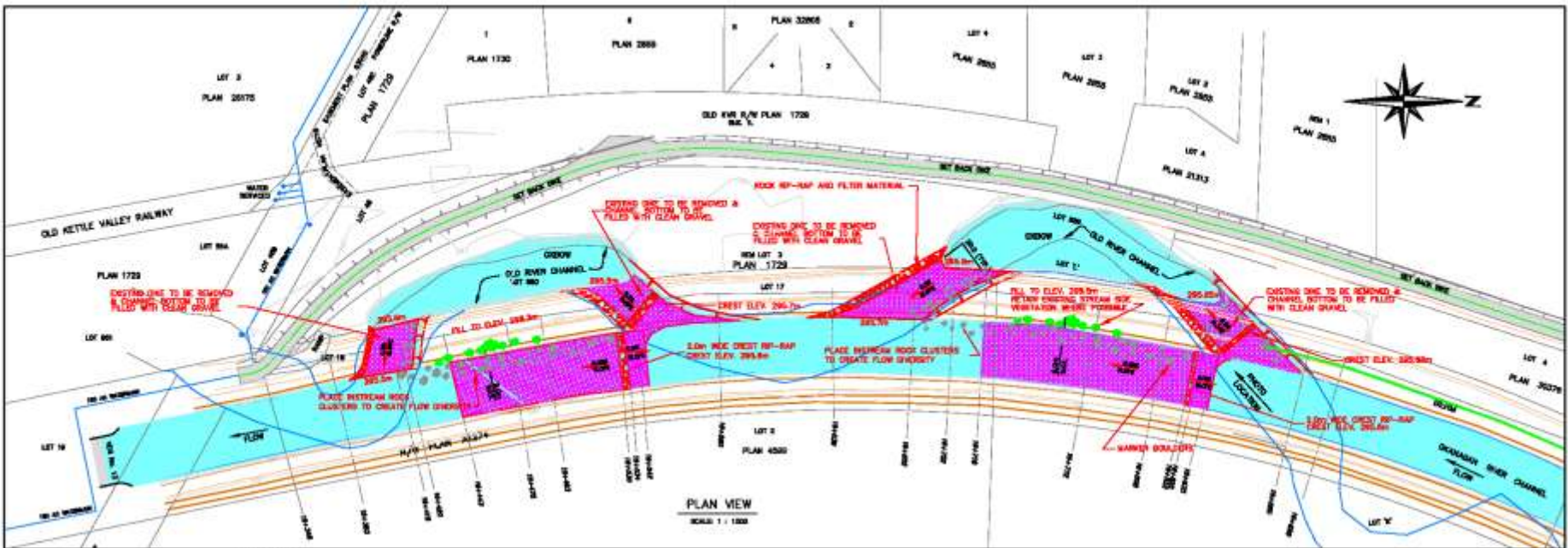
PHASE 2

PHASE 3

PHASE 1

Planning & Engineering





ENHANCED PHOTO OF PROPOSED COXOW INLET



OBLIQUE AERIAL VIEW

LEGEND

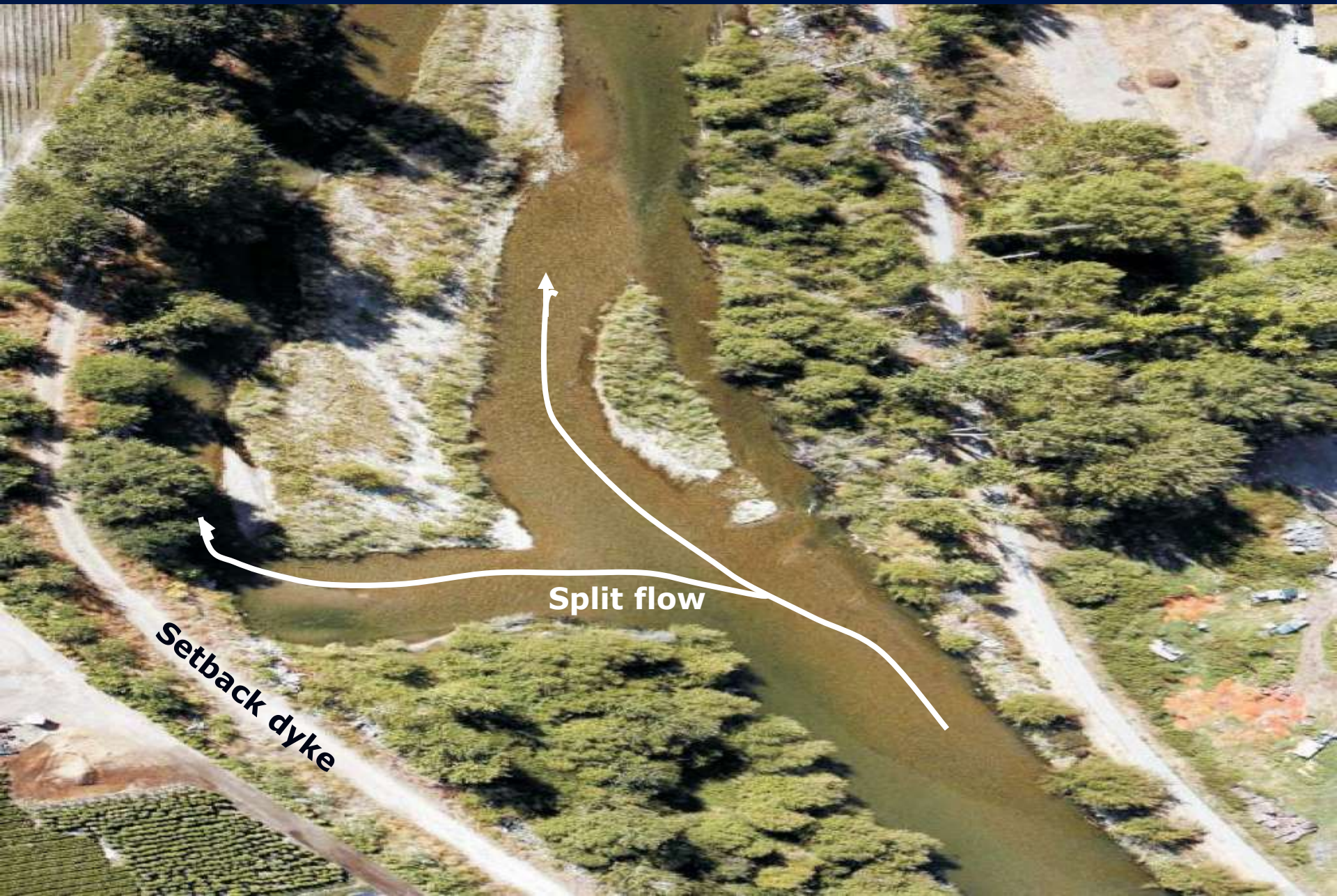
WATERWAY	
TOP OF BANK	
BOTTOM OF BANK	
EDGE OF WATER	

NO.	DATE	BY	REVISION
1	MAR. 2008	S.K.	REVISED AND ISSUED FOR CONCEPTUAL APPROVAL
2	FEB. 2008	S.K.	ISSUED FOR APPROVAL

22-4210 Highway 10
 Kelowna, BC V1Y 1S1
 Telephone: 888-888-8888

DRAWN	S.K.	ENVIRONMENTAL STEWARDSHIP DIVISION MINISTRY OF ENVIRONMENT	DRAWING NO.	REV. NO.
DESIGN	S.K.			
APPROVED		OKANAGAN RIVER RESTORATION MHP OPTION CONCEPTUAL PLAN & PROFILE	OBR0-120	1
DATE	FEB. 2008			
SCALE	AS SHOWN			

Reference Reach (in set back dyke area just upstream)



Setback dyke

Split flow

Phase 1 -Permits, Approvals & Letters of Support (2006 – 2008)

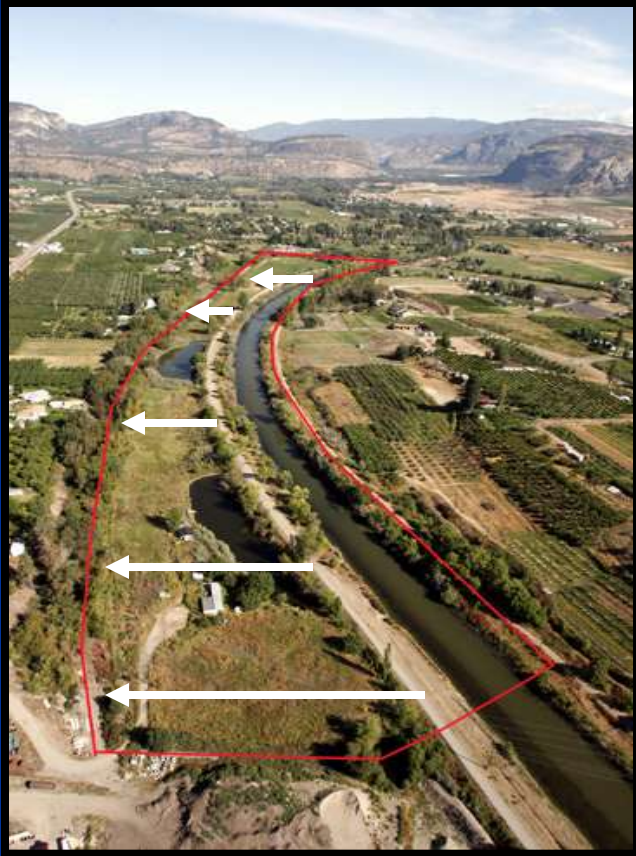
■ Approvals

- British Columbia Dyke Maintenance Act (Approval)
- British Columbia Environmental Assessment Act (Exemption)
- British Columbia Land Act (Notification of Interest)
- British Columbia Water Act (License)
- Canada Environmental Assessment Act (Exemption)
- Canada Fisheries Act (Approval)
- Canada Navigable Waters Act (Exemption)
- Canada Species At Risk Act (Exemption)
- Okanagan Nation Alliance (Tribal Council Resolution)
- Osoyoos Indian Band (Band Council Resolution)
- Regional District Environmentally Sensitive Area Development Permit (Exemption)
- Regional District Watercourse Development Permit (Exemption)

■ Letters of Support

- BC Ministry of Environment
- BC Ministry of Transport
- Canadian Wildlife Service
- Fisheries and Oceans Canada
- International Hiking & Biking Society
- Public
- RDOS Corporate Board
- RDOS Area Planning Commission

Dyke setback 2008



ORRI Progress Table

MILESTONE	PHASE 1	PHASE 2	PHASE 3
Concept Approved	✓	✓	✓
Project Designed	✓		
Permits Approved	✓		
Financing Obtained	✓		
Site Cleared	✓	✓	
Dykes Relocated	✓	✓	
Monitoring	✓	✓	✓
Adaptive Management	✓	✓	
Channel restored			

Next Steps

- 1. Complete channel restoration**
- 2. Monitoring and adaptive management**
- 3. Design Phase 2**
- 4. Investigate funding and property acquisition possibilities for Phase 3**

Final Goal
Save the
"SWEET SPOT"



A large school of salmon swimming in dark water. The fish are densely packed and moving in a coordinated fashion. The word "END" is overlaid in the center of the image.

END