

Foothills Stream Crossing Program 2010 Inspection Program

Overview

FSCP membership

RAD plan area inspection summary

- FSCP inspection summary
 - Initial and Maintenance Inspections

FSCP remediation plans update

FSCP Current membership

- Apache
- Canadian Forest Products
- CN (inactive)
- CNRL
- ConocoPhillips
- Devon
- Hinton Wood Products, West Fraser Mills
- **Imperial Resources (Esso)**
- Suncor Energy (including Petro Canada)
- Talisman Energy
- Tourmaline Oil
 - Shell Canada (including Duvernay)



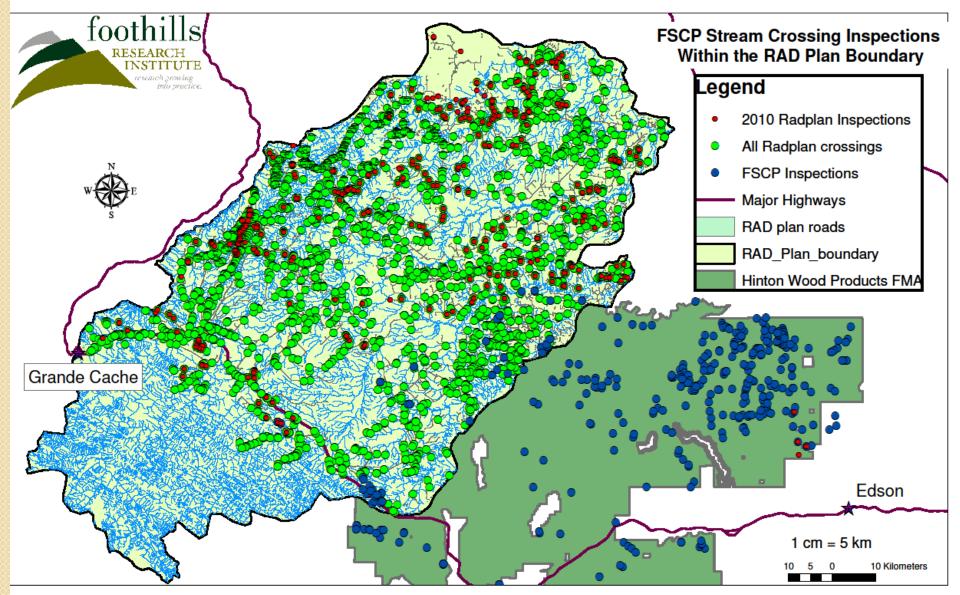
FSCP Advisory Support

- Fisheries and Ocean Canada
- ASRD Public Land and Forests
- ASRD Fish and Wildlife
- **Alberta Environment**
- **Foothills Research Institute**
- **Alberta Chamber of Resources**
- Alberta Conservation Association





Regional Access Plan Study Area



RAD Plan Inspection Breakdown

Rad plan has 2118 crossings

307 inspected

Representing 31 companies

15 of those companies own 80% of the inspected crossings

RAD Plan Member Crossings

- Apache I
- Canfor 23
- CNRL 61
- Conoco 34
- Devon − 20
- Shell 7
- Suncor 21
- Talisman 34
- Tourmaline 10
- 211 member crossings (69%)
- 96 non member crossings

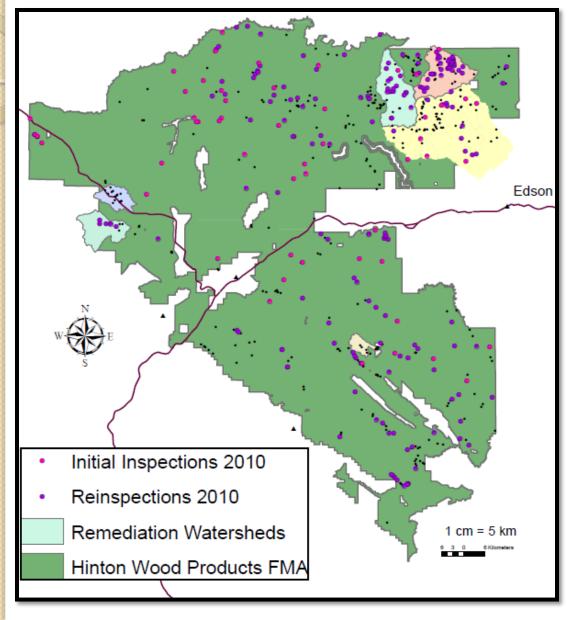
Total = 307 Inspected crossings / 2118 crossings

RAD Plan Crossing Risk Ratings

- Fish passage
 - 107 fish barriers
- Sedimentation
 - 100 high risk
 - 73 medium risk
- Safety
 - 210 medium risk for performance and safety



FSCP Study Area



53 Initial Inspections

•175 Maintenance Inspections

FSCP Member Crossings

	Initial Inspections	Maintenance Inspections	Total	PI C
Apache	1	16	17	18
Canfor	-	-	-	23
CNRL	11	11	22	83
Conoco	2	23	25	59
Devon	1	-	1	21
Imperial	-	6	6	6
Shell	10	11	21	28
Suncor	4	41	45	66
Talisman	8	20	28	62
Tourmaline	2	-	2	12
West Fraser	1	14	15	15
TOTAL	40	142	182	39

Plus RAD Plan Crossings
18
23
83
59
21
6
28
66
62
12
15
393

FSCP Initial Inspections

- Fish passage
 - 5 fish barriers
- Sedimentation
 - 13 high risk
 - 5 medium risk
- Safety and Performance
 - 0 high risk
 - 30 medium risk

Maintenance Inspections

Sedimentation Ratings

	High	Medium	Low
2006-2009 Inspection	89	67	22
2010 Maintenance Inspection	46	48	86

Fish Passage Ratings

	High	Medium	Low
2006-2009 Inspection	96	-	19
2010 Maintenance Inspection	61	-	119

Safety and Performance Ratings

	High	Medium	Low
2006-2009 Inspection	3	145	-
2010 Maintenance Inspection	0	110	70

FSCP Re-Inspection Decision Matrix Conditions Severe weather such as wide spread flooding will override this decision Yes High risk for safety? matrix. When inspecting new crossings a tentative re-inspection date based on a minimal return period will be entered. I year interval until No Matrix is for existing crossings in the next inspection FSCP database but will also be available to the inspector for use at their discretion to assist in establishing reinspection date. Remediated since last inspection? Yes No The crossing has a high The crossing or medium fish passage has a high or Yes Yes or sedimentation risk medium sedimentation rating. risk rating. I year interval 2 year interval between inspections until next No No inspection 5 year interval 5 year interval until next between inspection inspections

Maintenance Inspection Schedule

- 2011 286 Maintenance Inspections
 - 5 years since beginning of program

2012 – 299 Maintenance Inspections

- 2013 41 Maintenance Inspections
 - (Strongly related to results of 2011 inspections)

Remediation Plan Updates

 Fred, Bryan, and Doctor Creek watershed plans have been submitted to ASRD, DFO, and Ab Env.

- ASRD field audit of plans completed
- Edson Watershed plan will be sent out to companies in the next week
- Deadline for remediation plan updates?



Thank you

