1	2	3	4	5	6	7	8	9	10	PC REGION ALTERNATE	PLAN SUMMARY 2000-2015 12	13	09/05/2017 14	15	16	17 I	D Team	1	8 Reforestation Pla	n	19	20
Date			FPA	Type of Alternate Plan: Thinning, Regeneration,	Water	Width of	Length of RMZ affected for each Stream Type (feet)	Total RMZ Width for Each	No Cut Buffer Width* for	Inner zone width for each	Harvest on one of both	Site	Activity in Inner	Removal	Number of Core	In	In Region File	Species Planted,	Monitoring Plan	Monitoring	Describe How Riparian	Missing
_	Region	FPA/N	Acres	Hardwood Conversion	Туре	Stream	each Stream Type (feet)	Stream Type (feet)	each Stream Type (feet)	stream type (feet)	sides of stream	Class	Zone	Method	ZoneTrees Removed	FPARS	File	Number	Exists	Components	Function Was Addressed	Information
BFW Less than 5'																						
																					No effect of bank stability, leaf	
																					litter, nutrients, sediment filtering, increase in LWD with	
2000-2009	PC	2913791	29	HWC	F	2'	1320'	70'	25'	45'	both		Remove hardwoods to 25' buffer	Shovel	0	Yes - ICN		DF WRC WH	No	Monitor until free to grow	wood placement in stream, short term loss of shade. Minimal impact to bank	
																					Minimal impact to bank stability, nutrient loading, leaf	
																					litter, and sediment filtering due to slope and width of	
																					buffers. Short term loss of shade and LWD, but improved	
													Remove hardwoods								long-term. Streambanks will be restored to prevent	
2000-2009	PC	2914420	72	HWC	F	4'	2640'	75'	50"	25'	Both	- 11	to 50' buffer	Tractor	0	Yes - ICN		?	No	?	sedimentation. Short term loss of shade. Near	
																					term gain fo LWD due to	
																					blowdown. No impact on leaf litter, bank stability, or nutrient	
2000-2009	PC	2916646	12	HWC	F	4'	750'	70*	50"	20'	Both	- 11		Ground		Yes-ICN		DF 300-400 TPA	No	None Monitor planted stand	loading.	
													Remove hardwoods to 113'					Doug Fir, Red Cedar mix; 300 TPA; 2-0 or		monthly for 3 to 5 years, controlling all	Improve long term riparian	
		2919967	32	HWC	Type F	4'	1,100'	170'	113'	57'	Both	- 11	buffer	shovel/skidder		Yes	Yes	better	yes	brush Monitor planted stand	function by removing and replacing dying alder. Remaining conifers will	
3/31/2009 - 3/30/2010													Remove hardwoods to 30'					Doug Fir, Red Cedar mix; 300 TPA; 2-0 or		monthly for 3 to 5 years, controlling all	provide some shade,	
		2919967	32	HWC	Type F	4'	1,700'	170'	30'	140'	Both	П	buffer	shovel/skidder		Yes	Yes	better	yes	brush Monitor planted stand	nutrients, sediment, LWD and stability until planted	
													Remove hardwoods to 30'					Doug Fir, Red Cedar mix; 300 TPA; 2-0 or better		monthly for 3 to 5 years, controlling all brush	trees mature.	
		2919967	32	HWC	Type Np	2'	350'	50'	30'	20'	One	II	buffer Remove	shovel/skidder		Yes	Yes	better	Yes	brush		
		2920529	9.5	HWC	Type F	2.5'	200'	29'	20'	9'	Both	?	hardwoods to 20' buffer	#REF!		No	No	#REF!	No		#REF!	IDT
													Remove hardwoods									
		2922903	75	HWC	Type F	3'	400'	90'	30'	60'	Both	V	to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre				
		2922903	75	HANC.	Tuno E	21	500'	2001	20'	1701	Porth		Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre				
		2922903	/3	HWC	турет	3	300	200	30	170	Boat		Remove hardwoods	ground		ies	165	doug III, 330/acre			Sound, undamaged conifers left in the Inner Zone. Heavy	
3/31/2011 -	PC	2923238	21.8	HWC	Type F	3'	595'	?	10'	?	200' One 395' Both	п	to 10' buffer.	shovel		No	Yes	doug fir	no		leaning, sound, undamaged hardwood leaning toward the	RMZ Width
3/30 2012													Remove hardwoods								stream will be left. Long term	
		2923238	21.8	HWC	Type Np	2'	490'	?	10"	?	Both	- 11	to 10' buffer.	shovel							improvement. Short term loss	RMZ Width
3/31/2010 -													Remove hardwoods								Current function good. Use of 50' no cut buffer, 50 to 113'	
3/30/2011	PC	2920779	4.5	HWC	Type F	4'	345'	170'	50'	120'	0	- 11	to 50 'buffer	dozer		Yes	Yes	Doug fir	no		leaving conifers for protection Long term increase in conifers,	
													Remove hardwoods	shovel/rubber							shade, debris, nutrients. Remove hazard trees along	
	PC	2924438	75	HWC	Type F	4'	1,200'	40*	40"	0'	Both	- 11	to 40' buffer.	tired skidder		Yes	Yes	Doug fir	No		stream edge. Sound, undamaged conifers left	
																					in the Inner Zone. Heavy leaning, sound, undamaged	
3/31/2012 - 3/30/2013																					hardwood leaning toward the stream will be left. Long term	
3/30/1013		2924438	75	111105		21	2 0001	401	400	ol.	_		Remove hardwoods to 40' buffer.	shovel/rubber tired skidder		Yes	Yes	Doug fir	no		improvement. Short term loss of LWD & shade.	
		2924438	/5	HWC	Type F	2	2,000	40	40	0	r		to 40 burrer.	tired skidder		res	Tes	Doug nr	no		Long term increase in conifers,	
																					shade, debris, nutrients.Short	
		2924438	75	HWC	Type Np	1'	400'	30'	30'	0'	?	п	Remove hardwoods to 30' buffer.	shovel/rubber tired skidder		Yes	Yes	Doug fir	no		term loss of LWD & shade. Short term loss of shade.	
													Remove hardwoods					doug fir, western red				
3/31/2013-	PC	2928173	26	HWC	Type F	4'	1,100'	170'	30"	140'	Both	- 11	to 30' buffer.	shovel/skidder		Yes	Yes	cedar, 300/acre	no		Short term loss of shade, long	
3/31/2014		2928173	26	HWC	Type F	4'	1,700'	170'	113'	57'	Both		Remove hardwoods to 113' buffer.								term improvement	
													Remove hardwoods									
		2928173	26	HWC	Type Np	2'	350'	30"	30'	oʻ	One	II	to 30' buffer.									
3/31/2011 - 3/30 2012	PC	2923674	30	HWC	Type F	3'	900'	170'	50'	120'	Both	п	Remove hardwoods to 50' buffer.	ground		Yes	Yes	doug fir, 350/acre	no			
																					Addition of 15 to 20 conifer to	
													Remove hardwoods					doug fir. western red			wetland as LWD. No reference of effect on riparian functions.	
		2924632	48	HWC	Type F	4'	1,200'	170'	30'	140'	Both	П	to 30' buffer.	ground		Yes	Yes	cedar; 350/acre	No		Input LWD into wetland.	
3/31/2013- 3/31/2014	PC	2926261	25	HWC	Type F	21	850,	170'	30,	140'	Both		Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir, 350/acre	no			
3/32/2014		2320201	23	vc	турет	,	0.30	1/0	30	140	- Juli		Remove hardwoods	B-Juliu		,es	- 16	000g in, 330/acie	.10		Long term benefit. Short term	
		2926296	60	HWC	Type F	3'	800'	30'	30'	0'	Both	П	to 30' buffer.			Yes	Yes	doug fir, 350/acre			loss of LWD & shade Long term	
	PC	2927297					1 100'	4	-	47-1			Remove hardwoods					4 4-			improvement.Documents all 5	
	PC	2927297	24	HWC	Type F	3'	1,100	170	30"	140'	Both		to 30' buffer.	ground		Yes	Yes	doug fir	no		riparian functions remain Sound, undamaged conifers left	
3/31/2013- 3/31/2014																					in the Inner Zone. Heavy leaning, sound, undamaged	
,,																					hardwood leaning toward the stream will be left. Long term	
													Harvest 11 trees in inner zone for								improvement.Short term loss of LWD, leaf litter, & shade	
		2927363	20	Thin	Type F	4'	900'	145'	20"	125'	Both	1	landing.			No	No				LwD, lear litter, & shade	IDT

Part																	ID Team						
The content will be content																	identifie but no						
Second Content																	concurre	n			Written report to DNR	,	IDT
	4/1/2014-																documer	ıt			each Nov. for 5 years	Ì	
	3/31/2015	PC	29292	296 3		Thin	Type F	2'	PIP	70'	70'	0,	One	- "	Thin to 70' buffer.	shovel	ed	No	doug fir, 360/acre	no	after planting.		
Control   Cont																						effect on the current riparian	
Martin   M																leading end						conditions. The proposed buffer	
	3/31/2010	PC	29215	.581 63		Thin	Type F	3'	1,600*	140'	70"	70'	One	m .		suspension, shovel	Yes	Yes	Doug fir, red cedar	no		generally follows along the top of the slope break.	
Martin															Thin to 190 TPA to	nrocessor/forwa							
The color   The			29216	688 8		Thin	Type Np	1.75'	1,000'	50'	20'	30'	Both	- 11			Yes						
Column   C																							
No.	3/31/2010	. PC	29221	130 10		Thin	Tyne F	4'	1016'	140'	50"	90'	Both				SEPA	Yes	fir, red osier dogwood, snowherry willow	ves	No documentation		
Second   S	3/30/2011		12,22				1,7,001					-		-				1.00	,,	,,,,		Alders dying; Conifers will	
Column   C																tracked							
Column   C			29221	130 10	-	Thin	Type Np	1.5'	100'	50'	50'	0'	Both	- 111	Maintain 50' buffer	shovel/loader						sediment filtering, nutrients	
1																							
Part		PC	29233	358 10		Thin	Type F	3'	1,000*	118'	50"	68'	One	п		tracked skidder	Yes	Yes	none	no			
Secondary   Seco																						No impact on bank stability,	
Second Process															Salvge trees to 50'							nutrient input. LWD will be	
1	2000-2009	PC	29178	867 23	Sa	lvage	F	3'	525'	140'	50'	90'	?		buffer	Ground	0 Yes	_	DF	No	None	No impact on bank stability,	
Second Part   Fig.   Second Part   Second																						sediment filtering, shade, or	
1	2000-2009	PC	29178	867 23	Sa	lvage	F	4'	525'	140'	50"	90'	?	m III		Ground	0 Yes		DF	No	None	recruited in near term.	
Part   Company   Part																						No impact on bank stability, sediment filtering shade or	
Part															Salvge trees to 30'							nutrient input. LWD will be	
Part	2000-2009	PC	29178	867 23	Sa	lvage	F	2'	525'	140'	30"	110'	?		buffer	Ground	0 Yes		DF	No	None	recruited in near term.  No impact on bank stability,	
Second Content															Salura trans to 30'							sediment filtering, shade, or	
Company   Comp	2000-2009	PC	29178	867 23	Sa	lvage	F	2'	525'	140'	30'	110'	?	III		Ground	0 Yes		DF	No	None		
Part																							
Second	BFW Between																						
Part	5' and 15'																						
Martin																						sediment filtering, or leaf litter.	10.7
Part	2000 2000	DC.	2012/	420 27	l .	JWC		45'	2	170	E01	1201	000		Remove hardwoods		0 No.		DE	No	Monitor until free to	Short term loss of LWD and	IDI
1	2000-2009	FC	25134	1430 27		111/	-	13		170	30	120	Olle	-	to so buller	skiddel	0 100		Dr.	INO	grow	No effect on bank stability, leaf	
100   100															Remove hardwoods						Monitor until free to	litter, nutrients, swediment filtering, short term loss of LWD	
100   100	2000-2009	PC	29139	977 7.5		HWC	F	10'	1200	75'	25'	50'	One	- 11	to 25' buffer	Shovel	select hardwoods Yes - ICN		DF WRC	No	grow	and shade.	
100   100																						Bank stability and filtering	
1	2000-2009	PC	29144	420 72	,	HWC	F	5'	2640'	75'	30'	45'	both	-	to 30' buffer	Tractor	0 Yes - ICh		?	No	?	minimally impacted  No decrease in bank stability	
Second   Part   Second   Par																						shade, nutrient input or litter	IDT
1	2000-2009	PC	29150	0998 14		HWC	F	10'	1100'	170'	50'	120'	One	п	to 50' buffer		2 No		DF, shade tolerant conifer	No			
1																						No impact on hank stability	
200-2006   Part   Par																						nutrient litter fall, or sediment	
200-2009   PC   201-797   21   1996   PC   201-797   20   1997															Remove hardwoods	Rubber tired	ICN#				Inspect annually to assure 150 TPA free to	filtering due to buffer. LWD is adequate. There will be a	
1	2000-2009	PC	29159	912 21	,	HWC	F	10'	2200'	170'	70'	100'	Both	- 11	to 70' buffer	skidder/Shovel	0 00456		DF, WRC at 360 TPA	No		Decrease in shade	
200-2000   PC   291-1977   31   149KC   F   F   1500   170   190																						LWD, shade, and sediement	
2002-2009   PC   217977   31															Remove hardwoods	Rubber tired							
Second   S	2000-2009	PC	29179	977 33		HWC	F	8'	1900'	170'	50'	120'	Both	п			Yes - ICN		DF WRC Spruce	No	None	nutrients.	
200-2009 PC 291834 6 MARC F 13' 400' 90' 30' 60' 80th V 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'																						litter, nutrient loading,	
2002-2009 PC 291-004 25 MWC F B' 407 137 507 1207 Booth B to 507 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-004 25 MWC F B' 407 90 307 607 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-004 25 MWC F B' 407 90 307 607 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-004 25 MWC F B' 407 90 307 607 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-004 25 MWC F B' 131 4.007 90 307 607 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-308 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-308 Booth V to 307 buffer 90-vel 0 Ves -CN DF No 7 shake and LWO 2002-2009 PC 291-308 Booth V to 307 buffer 90-vel 0 Ves -CN Natural Regressation No Rose and Advanced Booth Regressation No Rose and Regressation No															Remove hardwoods							sediment filtering because of no	1
Second   S	2000-2009	PC	29140	004 25		HWC	F	8'	400'	170'	50"	120'	Both	п		Shovel	0 Yes - ICN		DF	No	?	shade and LWD	
Second   S																						No effect on bank stability, leaf litter, nutrient loading,	
2000-2000 PC 2914004 25 HWKC F S' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914004 25 HWKC F 11' 400' 90' 30' 60' Beeh V to 30' buffer 9how PC 2914000 25' 7 P PC 2914000 25' 8how PC 2914000 25' 8ho															Remove hardwar d							sediment filtering because of no	1
Remove hardwoods   Remove hard	2000-2009	PC	29140	004 25		HWC	F	8'	400'	90'	30'	60'	Both	v	to 30' buffer	Shovel	0 Yes - ICN		DF	No	?	shade and LWD	
Second Process   Seco																						litter, nutrient loading,	
2000-2009 PC 2917.18 19 WWC F 15' 100' 25' 7 P 8oth V 10 30' buffer Shovel 0 Ves-ICN DF No P 11' 400' 90' 30' 60' 8oth V 10 30' buffer Shovel 0 Ves-ICN DF No P 11' term rispirat nuclicions will be proceeded with vey liste, if a six dider/shovel Ves-ICN Natural Regeneration No None and six dider places of a six dider not receive the process of a six dider not receive															Bomous kt							sediment filtering because of no	1
CN states - Long and short   CN states - Lo	2000-2009	PC	29140	004 25		HWC	F	11'	400'	90"	30'	60'	Both	v	to 30' buffer	Shovel	0 Yes-ICN		DF	No	?	shade and LWD	
2000-2009 PC 2917138 19 HWC F S' 1000' 25' 7 7 Both V Skidder/shovel Ves-ICN Natural Regeneration No None any, registre impacts of Author of None any, registre impacts of None any, registre impact of None any, registre impacts of None any, regist																						ICN states - Long and short term riaprian functions will be	
No impact out of the process of th			_																			protected with very little, if	
Material recomposition   Material recomposit	2000-2009	PC	29171	138 19		1WC	F	5'	1000'	25'	?	?	Both	V		skidder/shavel	Yes-ICN	+ +	Natural Regeneration	No	None	any, negative impacts.  No impact on bank stability	
2000-2009 PC 2918334 6 HWC F 15' 100' 170' 50' 120' 7 II to 50' buffer of vegetation of the control of the cont																					Maintain seedlings	shade, nutrient input or	
2003-2009   P.C   2918334   6   HWC   F   15°   100°   370°   50°   120°   7   18   10 50° buffer   5 skidder   0   Yes   Conlier   No wegetation   LWO, minimal function																					above competing	50' buffer, long term increase in	
2002-2009 PC 29051944 32 HWC F 10' 2050' 200' 50' 150' 7 I 150' buffer Ground based 0 Ves / Acre No minimal charged of other minimal charged of other minimal charged of other minimal charged of the minimal	2000-2009	PC	29183	1334 6		HWC	F	15'	100'	170'	50'	120'	?	- 11	to 50' buffer	skidder	0 Yes			No	vegetation	LWD, Short term loss of LWD,	
Remove hardwoods 7 0 No No goes below 350 TPA No Tubing, bish control shade.  No impact on hark stability. UND, leaf little, nutrient tooding, sediment filtering, or shade.  No impact on hark stability. UND, leaf little, nutrient tooding, sediment filtering, or shade.  No impact on his stability. Sediment filtering, leaf or shade.  No impact on his stability, sediment filtering, leaf or shade.  No impact on filtering, leaf or shade.  No impact on filtering, leaf or shade.	2000 200-	200	2005	104		JANC .		401	7050	2001	500	1501				Groundham			200 WH, 100 Spruce			minimal change of other	
	2000-2009	PC	29051	154 52	,	111	,	10'	2050	200	50"	150	-		to 50 buffer	Ground based	U Yes		/acre	No	management	No impact on bank stability,	
2000-2009 PC 2910451 45 HWC F 5' 1,500 170' 25' 145' both U to 25' buffer 7 0 No No goes below 350TPA No Tubing, brish control shade.  Remove hardwoods															Remove hardwoods				Interplant if stocking			LWD, leaf litter, nutrient	IDT
No impact of bank stability.  Remove hardwoods  Remove hardwoods	2000-2009	PC	29104	451 45	1	HWC	F	5'	1,500	170'	25'	145'	both	П	to 25' buffer	?	0 No	No		No	Tubing, brish control	shade.	
Remove hardwoods sediment filtering, leaf																						No impact on bank stability,	
2000-2009 PC 2914554 16 WWC F 5' 1,860 170' 25' 145' ? II to 25' buffer Skidder O Yes Df No ? litter/matirent loading.	2000 2000	DC.	201 47	EEA TO		awc.		E1	1 950	170	251	1451	3		Remove hardwoods	Skiddor			Df	No	,	sediment filtering, leaf	

												Remove hardwoods						Ni Se	inor loss of LWD and shade. o impact on bank stability, diment filtering, leaf	
2000-2009	PC	2914554	16	HWC	F	5'	1.86	170'	25'	145'	? 11	to 25' buffer  Remove hardwoods to 30'	Skidder	0 Yes		DF	No		ter/nutrient loading. No short or long term	
3/31/2009	- PC	2920007	10	HWC	Type F	5'	400'	170'	30'	140'	? 11	buffer	rubber tired skidder	Yes	Yes	Doug fir, Cedar	no	г	impacts to bank stability, utrients, sediment filtering, shade. Even aged	
3/30/2010												Remove hardwoods to 30'	rubber tired					r	shade. Even aged nanagement may increase woody debris through blow	1
		2920007	10	HWC	Type F	5'	400'	170'	30'	140'	? 11	buffer	skidder	Yes	Yes	Doug fir, Cedar	No	1	woody debris through blow	
																		A	short term loss of shade and	
																		ha	rdwood LWD recruitment, it would have long term gain	
																		fr	om establishment of a conifer	
																		nı	trient loading would not be	
																		m	nificantly impacted as the ajority of trees providing	
																		th	ese functions would be left in e RMZ. Bank stability would	
3/31/2010 -												Remove hardwoods	tracked skidder					be	minimally impacted as the ees providing anchoring	
3/30/2011	PC	2921115	8	HWC	Type F	10'	?	170'	70"	100'	One II	to 70' buffer	shovel	Yes	Yes	Doug fir 350 TPA	no	w	ould be preserved	-
3/31/2011 - 3/30 2012	. pc	2922272	32	1000	Type F	-	4 2001	701	251	251	2.00	Remove hardwoods to 35' buffer.	tracked skidder, cable	Yes	Yes	Doug fir		te	ry little function now, long rm improvement across the sard	
3/30 2012	PC	2922212	32	HWC	Type F	-	1,200	70	35	35	BOUT	to 35 burier.	cable	tes	Tes	Doug iir	no	A	lding woody debris, leaving	
3/31/2011 -												Remove hardwoods						l a	ees leaning toward stream, no t buffer. All riparian	
3/30 2012	PC	2922446	15	HWC	Type S	15'	800'	170'	30"	140'	One II	to 30' buffer.	ground/cable	Yes	Yes	doug fir; 350/acre	no	fu Es	nctions maintained tablishing a healthy conifer	
3/31/2011 - 3/30 2012	PC	2922943	33	HWC	Type F	12'	?	35'	35'	0'	Both II	Remove hardwoods to 35' buffer.	shovel, tracked skidder	Yes	Yes	doug fir, 400/acre	no	cc	mmunity. Short term loss of ade.	
																		Le	aving large maples, all nifers . No reference to effect	
3/31/2011 - 3/30 2012	PC PC	2922999	3.8	HWC	Tyrne E	0,	1.500	170'	sn'	120'	Roth II	Remove hardwoods to 50' buffer.	ground	Yes	Yes	doug fir, 350/acre	no	or	riparian functions. Entire lit is in CMZ.	
3/31/2011 -		2322333	30	iiic	Турст		1,300	170	30	120	5001	Remove hardwoods	rubber tire	1.0	103		110			
3/30 2012	PC	2924151	330	HWC	Type F	12'	?	170'	25'	145'	Both II	to 25' buffer.	skidder	Yes	Yes	doug fir, red alder, red cedar; 400/acre	No	st	tablishing healthy conifer and.Short term loss of shade	
												Remove hardwoods				doug fir, western red				
		2924632	48	HWC	Type F	6'	2,400'	170'	30'	140'	Both II	to 30' buffer.	ground	Yes	Yes	cedar; 350/acre	No			
		2924632	48	HWC	Type F	5'	500'	170'	30'	140'	Both II	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir, western red cedar; 350/acre	No			
3/31/2012 -												Remove hardwoods	rubber tired			doug fir, western red				
3/30/2013	PC	2925110	49	HWC	Type F	5'	500'	30'	30'	0'	One II	to 30' buffer.	skidder/dozer	Yes	Yes	cedar	No			
3/31/2012 - 3/30/2013	pc	2925178	30	HWC	Type F	12'	1,700'	on'	30'	60'	Roth V	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre	No			
3/31/2012 -		2323270	30	11110	Турст		1,700	20	30		Sour V	Remove hardwoods	ground	10	- 10	doug III, 330/sere	NO.			
3/30/2013	PC	2925552	119	HWC	Type F	12'	700'	170'	30"	140'	One II	to 30' buffer.	ground	Yes	Yes		No	Lo	ng term benefit	<b></b>
																		in	und, undamaged conifers left the Inner Zone. Heavy	
																		ha	aning, sound, undamaged irdwood leaning toward the	
																		st	ream will be left. Long term provement. Short term loss of	
		2926031	5	HWC	Type F	5'	170'	170'	50'	120'	One II	_						15	VD & shade	
		2926296	60	HWC	Type F	11'	2,000*	30'	30'	0'	Roth II	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir, 350/acre	no		ng term benefit. All riparian nctions maintained	
					1,722		,,,,,					Remove hardwoods	8.00.00					Lo	ng term benefit. No ference to effect on riparian	
3/31/2013-	PC	2926296	60	HWC	Type F	7'	700'	30'	30"	0'	Both II	to 30' buffer.		Yes	Yes	doug fir, 350/acre		bi	iffers. und, undamaged conifers left	
3/31/2014	PC																	in	the Inner Zone. Heavy	
																		ha	aning, sound, undamaged irdwood leaning toward the	
												Remove hardwoods						in	ream will be left. Long term provement.Short term loss of	
		2926296	60	HWC	Type F	7'	700'	30'	30'	0'	Both II	to 30' buffer.	rubber tired or	Yes	Yes	doug fir, 350/acre		LV	VD & shade	-
													tracked skidder, dozer, shovel,							
3/31/2013- 3/31/2014	PC	2926833	40	HWC	Tyne F	11'	1.200'	170'	50"	120'	One II	Remove hardwoods to 50' buffer	leading end suspension	Yes	Yes	doug fir	no			
3/31/2014				1111	турет		1,100	1,0	30	110	- Cinc II	Remove hardwoods	auapcrondil	18		300g m				
3/31/2013-	PC	2927166	76	HWC	Type F	13'	2,000	30'	30'	0'	One I	to 30' buffer.	ground	? No	No	doug fir	no			IDT
3/31/2013-												Remove hardwoods	rubber tired							I
3/31/2014	PC	2927815	330	HWC	Type F	6'	600'	170'	30'	140'	Both II	to 30' buffer.	skidder	Yes	Yes	doug fir	no		o page 2&3 of Alternate Plan	
4/1/2014- 3/31/2015	PC	2929274	24	HWC	Type F	5'	900'	170'	30'	140'	One II	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir, oregon ash 350 TPA	no	Fo	rm	I
																		de	escription favors the evelopment of multi-level	
																		fo	rest canopy which will ovide for increasing levels of	l
		2921688		Thin	Type F	40	san'	120	40'	goi	Both	Thin to 190 TPA to 40' buffer	processor/forwa rder and skidder					sh sh	ade, bank stability, etc with	I
		2321088	1 *	Thin	Type F	10	300	128	40	- 65	BOUT II	40 builet	ruer and skidder	Yes ID team noted but				ti	iie.	
														no						I
	PC	2924414	20	Thin	Type F	10'	1,000	170'	170'	0'	One II	Harvest of over mature timber.	shovel	document ation	No	Doug fir, western red cedar	No			
3/31/2012														ID team noted but				A	der leaning toward stream to	I
3/30/2013												Harvest of over mature timber to 25'		no document		Doug fir, western red			be left, establishment of healthy conifer	RMZ Width
		2924414	20	Thin	Type F	10'	1,000	170°	25'	146	One	buffer	shovel	ation ID team	No	cedar			,	
														noted but no				M	inimal harvest (139 left, 35 moved). No impact on	I
		2024444	20	Thin	Tuno		1 200	170	C)	C'	One	Harvest over mature timber to 0' buffer	shovel	document ation	No.	Doug fir, western red		rie	parian functions.Short term as of LWD & shade.	
		15254414	1 20	Inin	Type F	3	1,200	1/0	U	U	One	umber to u buffer	snovei	ation	I NO	cedar		10	ss or LWD & STINGE.	

												Harvest most dominant fir &									
3/31/2013-												cedar. Retain	skidder, cat,								
3/31/2014 PC	2926228	35	Thin	Type F	5'	700'	100'	50"	50'	Both	- 11	hardwoods	excavator CTL processor,		Yes	Yes	doug fir, 350/acre	no			
													forwarder, hand								
												Thin smaller	fall, dozed with grapple,							Short term loss of shade, long term improvement. Short term	
3/31/2013-												diameter trees,	processor fall							shade reduction & nutrient	
3/31/2014 PC	2928230	29	Thin	Type F	8'	2,600'	30'	30'	0,	Both	- 11	economic gain.	and dozer yard		Yes	Yes	doug fir	no		input. Sound, undamaged conifers left in the Inner Zone. Heavy	
																				in the Inner Zone. Heavy	
																				leaning, sound, undamaged	
																				hardwood leaning toward the stream will be left. Long term	
												Thin to 125-275 TPA								improvement Short term loss of	
	2928230	29	Thin	Type F	6'	850'	30'	30'	0'	Both	11	to 30' buffer			Yes					LWD & shade Minor loss of LWD and shade.	
																				Minor loss of LWD and shade. No impact on bank stability,	
																				sediment filtering, leaf	IDT
2000-2009 PC	2910803	22	Thin	F	10'	1,460'	140'	14"	126'	?	III	?	Skidder	0	No	No	none	No	none	litter/nutrient loading.	
BFW																					
Greater																					
than 15'																					
3/31/2013-												Remove hardwoods	tractor, leading				doug fir, western red			No change to riparian	
3/31/2014 PC	2926343	106	HWC	Type F	20'	1,600'	170'	60'	110'	Both	- 11	to 60' buffer.	end suspension	?	Yes	Yes	cedar	no		functions.	
																				Increase in LWD, long term improvement in sediment	
																			Maintain seedlings unti	filtering stream stability All	
2000-2009 PC	2918334		1000		501	4001	470	rol .	4201	2		Remove hardwoods to 50' buffer	Rubber tired skidder		Yes		Conifer	No	above competing	riparian functions reduced for	
2000-2009 PC	2918334	- 0	HWC	3	50	400	1/0	50	120	r		to so burrer	skidder	U	res		Coniter	NO	vegetation	the short term	
												Remove hardwoods					Interplant if stocking				
2000-2009 PC	2910451	45	HWC	S	100'	3,500'	140'	30'	110'	both		to 30' buffer	?	0	No	No	goes below 350 TPA	No	Tubing, brish control		IDT
												Remove hardwoods					Interplant if stocking				
2000-2009 PC	2910451	45	HWC	F	20'	1,200	170'	25'	145'	both	п	to 25' buffer	?	0	No	No	goes below 350 TPA	no	Tubing, brish control		IDT
												Remove hardwwods								Long term benefit. No loss of	
2000-2009 PC	2914554	16	HWC	s	20'	1,860	170'	50'	120'	?	п	to 50' buffer	Skidder	0	Yes		DF	No	?	riparian functions	
												Remove old dvina									
3/31/2009 -												and leaning hardwoods to 0'	rubber tired								
3/30/2010 PC	2920367	3	HWC	Type F	100'	300'	170'	0'	170'	One	ll ll	buffer	skidder/shovel		Yes	Yes	Doug fir	no			
																			Monitor until trees established:		
												Remove hardwoods to 50'							herbicides applied to		
3/31/2009 -				1								hardwoods to 50'			l		Doug fir, white pine;		maple, red alder		
3/30/2010 PC	2920384	26	HWC	Type F	100'	800'	140'	50'	90'	One	- 111	buffer	shovel/skidder		Yes	Yes	400/acre	yes	slashed		
																				Sound, undamaged conifers left	
																				in the Inner Zone. Heavy	
																				leaning, sound, undamaged hardwood leaning toward the	
																				stream will be left. Long term	
3/31/2010 -												Remove hardwoods								improvement. No LWD input,	
3/30/2011 PC	2921117	50	HWC	Type F	20'	200'	170'	50'	120'	One		to 50'buffer	tracked skidder		Yes	Yes	Doug fir	no		reduced shade short term. no harvest on slope, no short or	
												Remove hardwoods								long term changes. No change	
	2921117	50	HWC	Type F	30'	200'	170'	50'	120'	One	- 1	to 50' buffer	tracked skidder							in 5 RMZ functions. No impact on bank stability,	
																	Doug fir, western red			LWD, leaf litter, nutrient	
3/31/2010 -												Remove hardwoods	tracked				cedar, western hemlock:			loading, sediment filtering, or	
3/30/2011 PC	2921856	9	HWC	Type S	200'	2,500'	70'	60'	10'	One	- 1	to 60'buffer	skidder/shovel		Yes	Yes	450/acre	no		shade. No impact on bank stability,	
																	Doug fir, western red			LWD, leaf litter, nutrient	
												Remove hardwoods	tracked				cedar, western hemlock;			loading, sediment filtering, or	
	2921856	9	HWC	Type F	20'	500'	50'	35'	15'	One	V	to 35' buffer	skidder/shavel		Yes		450/acre	No		shade. Minor loss of LWD and shade.	
																				No impact on bank stability,	
PC	2922903	75	1000	Type S	60'	4 0001	001	201	col	0		Remove hardwoods to 30' buffer.			Yes	Yes	4	no		sediment filtering, leaf litter/nutrient loading.	
PC	2922903	/3	HWC	Type S	60	1,000	90	30	60	One	_ v	to so burier.	ground		res	res	doug fir; 350/acre	no		litter/nutrient loading.	
																				Currently no large woody debris and little shade, bank	
3/31/2011 - 3/30 2012																				stability is not a factor as this	
3/30 2012																				is a man made recreational	
																				lake and the terrain is near	
																				0% slope. By planting Douglas fir with the intent not	
																				to harvest, but let grow to enhance the surrounding	
												Remove hardwoods								scenic area can only be seen	
	2922903	75	HWC	Type S	60'	1,000*	200'	30'	170'	One		to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre			as a major improvement.	1
																				Replace small portions of the current hardwood dominant	
																				RMZ with a conifer dominant	
																				forest over a period of 25-30 years. Harvest areas limited to	
																				slopes under 65% and areas	1
																				where bank stability is good.	
																				Leaf litter and nutrient loading would be minimally impacted	1
												Remove hardwoods								as the majority of trees	
												& salvage log to 30' buffer. Harvest in								currently providing those	1
PC	2922333	75	HWC	Type S	60'	1.400'	200'	30'	170'	One		buffer. Harvest in wetland.	ground		Yes	Yes	doug fir; 350/acre	no		functions would be left in the buffer.	1
3/31/2011 -																		-			
3/30 2012												Remove hardwoods									1
												& salvage log to 30' buffer. Harvest in									
	2922333	75	HWC	Type S	60'	1,500'	200'	30'	170'	Both	V	wetland.	ground		Yes		doug fir; 350/acre				
												Remove hardwoods									
1 1	1	1										& salvage log to 30'									
	2922333		Lune.	Town 6	col	nnoi	col	201	CO!	0		buffer. Harvest in wetland.			Vc.		doug fir; 350/acre			Road moved away from stream	

													Remove hardwoods							Leaving conifers within 128' of stream; all alder leaning toward	
													& salvage log to 30'							stream and maples closest to	
		2922333	75	HWC	Tuno S	60'	800	00'	201	60'	000	v	buffer. Harvest in wetland.	ground	Yes		doug fir; 350/acre			stream. Short term loss of LWD & shade	
		2922333	/3	HWC	Type 3	- 00	800	30	30	00	Olle		wetianu.	ground	ies		doug III, 330/acre			Leaving sound inner zone conifers and undamaged,	
																				conifers and undamaged, hardwoods leaning toward	
3/31/2011 -													Remove hardwoods							stream. Short term loss of LWD	
3/30 2012	PC	2922725	9	HWC	Type S	50'	1,500'	170'	30'	140'	Both	- 11	to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre doug fir; western red	no		& shade.	
3/31/2011 -													Remove hardwoods	tracked			cedar; alder; hemlock;				
3/30 2012	PC	2922341	24	HWC	Type S	100'	850'	50'	50'	0'	One	- 11	to 50' buffer.	skidder/shovel	Yes	Yes	400/acre	no			
3/31/2011 -													Remove hardwoods							Meander creation, restoration	
3/30 2012	PC	2922831	100	HWC	Type S	180'	6,000'	170'	145"	25'	One	- 11	to 145' buffer.	shovel	Yes	Yes	Grand fir; 400/acre	no		of creek	
													Remove hardwoods								
		2922903	75	HWC	Type S	60'	800'	200'	30'	170'	Both	- 1	to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre				
																			Tree health and growth		
																			is recorded in the first quarter; Protective wire		
																			is repaired and adjusted		
																			through the second and		
																			third quarters; Competing vegetation is		
																			cut back with hand		
																			tools, usually twice		
													Remove hardwoods						during the growing season: Fertilizer and		
													& salvage log to 50'						lime is applied in the		
3/31/2012 -													buffer. Salvage within wetland						first quarter; Replanting as needed in first	1	
3/31/2012 -	PC	2925859	19	HWC	Type F	55'	1,000'	140'	50"	90'	One	III	buffer.	dozer	Yes	Yes	western red cedar	yes	as needed in first quarter.		
3/31/2012 -													Remove hardwoods								
3/31/2012 -	PC	2926031	5	HWC	Type F	30'	300'	170'	50'	120'	One	- 11	Remove hardwoods to 50' buffer.	shovel/track	Yes	Yes	doug fir; 350/acre	no		No documentation	
3/31/2012 -														.,							
3/31/2012 -	PC	2924632	48	HWC	Type S	100'	700'	170'	30'	140'	One		Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir, western red cedar; 350/acre	No			
3,33,232					- 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-		3.10			A			,,			Sound, undamaged conifers left	
																				in the Inner Zone. Heavy leaning, sound, undamaged	
																				hardwood leaning toward the	
													Remove hardwoods							stream will be left. Long term	
		2926343	106	HWC	Type F	30'	600'	170'	75'	95'	One		to 75' buffer		Yes	Yes	doug fir, western red cedar	no		improvement.Short term loss of LWD & shade	
3/31/2010 -																					
3/31/2010 -	PC	2921626	22.5	Thin	Type F	20'	350'	50'	50"	0'	One		Remove 21 trees for road location	shovel/track skidder	Yes	Yes	doug fir, alder, western red cedar	no			
																				No effect on bank stability, leaf	
3/31/2010 -													Thin to 190 TPA to	processor/forwa						litter, sediment filtering. Short-	
3/30/2011	PC	2921688	8	Thin	Type S	75'	1,500*	200'	40'	160'	One	- 11	40' buffer	rder and skidder	Yes	Yes				term loss of LWD and shade.	
																				No impact on bank stability shade, nutrient input or	
																				sediemnt filtering because of	
		2921688		This	Type F	40'	ccal	4201	401	0.01	0		Thin to 190 TPA to 40' buffer	processor/forwa rder and skidder	Yes					50' buffer, long term increase in LWD,	
		2921088	8	Inin	Type F	40	600	128	40	88	One		40 burrer	rder and skidder	tes						
																				Sound, undamaged conifers left	
																				in the Inner Zone. Heavy leaning, sound, undamaged	
																				hardwood leaning toward the	
3/31/2013-													Harvest 11 trees in inner zone for	shovel/tracked						stream will be left. Long term improvement. Short term loss of	
3/31/2014	PC	2927363	20	Thin	Type F	20'	1,500'	145'	125'	20'	One	- 1	landing.	skidder	No	No	doug fir	no		LWD, leaf litter, & shade	IDT
Actual																					
BFW																					
Unknown					_															No effect on bank stability, leaf	
																				litter nutrient loading, or	IDT
2000-2009	PC	2910540	40	Thin		>10'	200'	2001	14'	105'	both		Thin to 150-200 TPA	Skidder	No.		None	No	None	sediment filtering, short term	101
2000-2009	FC	2910340	40		3	710	200	200	14	100	DOCH		111111 to 130-200 IFA	Skiddel	NO		None	NO	None	loss of LWD and shade  No effect on bank stability, leaf litter nutrient loading, or	
																				litter nutrient loading, or	IDT
2000-2009	PC	2910540	40	Thin	F	>10'	1300'	200'	?	?	both	1	Thin to 150-200 TPA	Skidder	No.		None	No	None	sediment filtering. short term loss of LWD and shade	
													Remove hardwoods to 50'	tracked skidder			Doug fir Server D				
3/31/2009	- PC	2919916	15	HWC	Type S	>10'	450'	140'	50'	90'	Both	Ш	buffer	tracked skidder shovel	Yes	Yes	Doug fir, Spruce, Red cedar	No		Employing large landowner	
3/30/2010													Remove hardwoods t0 50'	tracked skidder			Doug fir Sprugg D-4			hardwood prescriptions - 50' no harvest buffer	
			45	HWC	Type F	>10'	450'	90'	50'	40'	Both	٧	buffer	shovel	Yes	Yes	Doug fir, Spruce, Red cedar	No			
		2919916	15																		
		2919916	15												1	1	1				
		2919916	15																	Planted hemlock will	
		2919916	15																	Planted hemlock will enhance riparian function as	
		2919916	15																	enhance riparian function as desired future condition. No- cut buffers will provide the	
		2919916	15																	enhance riparian function as desired future condition. No- cut buffers will provide the	
		2919916	15																	enhance riparian function as desired future condition. No- cut buffers will provide the	
		2919916	15																	enhance riparian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by	
		2919916	15										Remove							enhance riparian function as desired future condition. Not cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-term loss of some hardwood.	
3/31/2009	BC.			HWC	Top 5	>40		147	25.	445	Doub.		Remove hardwoods to 25'	Shoul cal-	V	Vos	Homlock			enhance riparian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-term loss of some hardwood shade, long term	
3/31/2009 - 3/30/2010	PC	2919916	30	HWC	Туре F	>10'	?	140'	25'	115'	Both	111	Remove hardwoods to 25' buffer	Shovel, cable	Yes	Yes	Hemlock	no		enhance riparian function as desired future condition. Not cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-term loss of some hardwood.	
3/31/2009 3/30/2010	PC			нwс	Туре F	>10'	?	140'	25	115	Both	111	Remove hardwoods to 25' buffer	Rubber	Yes	Yes	Hemlock	no		enhance riperian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-	
3/30/2010	PC			нwс	Туре F	>10'	7	140'	25'	115'	Both	111	hardwoods to 25' buffer	Rubber tired/tracked skidder; shovel;	Yes	Yes		no		enhance riperian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-	IDT
3/30/2010	PC	2920441	30				? ART	140'	25 45			III 2	hardwoods to 25' buffer	Rubber tired/tracked skidder; shovel; suspension	Yes	Yes	Doug fir: 200 to	no		enhance riparian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short-term loss of some hardwood shade, long term	TOT
3/30/2010 3/31/2009 - 3/30/2010	PC			HWC HWC	Type F		? 460'			115° 41°	Both	III ?	hardwoods to 25' buffer  Remove hardwoods to 45' buffer	Rubber tired/tracked skidder; shovel; suspension skid rd.						enhance riparian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short- term loss of some hardwood shade, long term enhancement of shade	IDT
3/30/2010 3/31/2009 - 3/30/2010 3/31/2011 -	PC PC	2920441	30		Type F	>10'						?	hardwoods to 25' buffer  Remove hardwoods to 45' buffer  Remove hardwoods	Rubber tired/tracked skidder; shovel; suspension skid rd. skidder, dozer,	No	No	Doug fir; 200 to 300/acre	по		enhance riparian function as desired future condition. No- cut buffers will provide the necessary root mass for bank stability. Long term recruitment of conifer LWD. Short-term loss cancelled by additional windfall. Short- term loss of some hardwood shade, long term enhancement of shade	IDT
3/30/2010 3/31/2009 - 3/30/2010 3/31/2011 - 3/30 2012	PC PC	2920441	30		Type F		7 460' 326'					?	hardwoods to 25' buffer  Remove hardwoods to 45' buffer  Remove hardwoods to 50' buffer.	Rubber tired/tracked skidder; shovel; suspension skid rd. skidder, dozer, shovel			Doug fir; 200 to 300/acre			enhance ripartian function as decisied future condition. No- cut buffers will provide in- necessary root mass for  recruitment of confier LWD.  Short-term loss cancelled by  additional windfall. Short- term loss a class hardwood  shade, long term  when comment of the confier LWD.  20 acre exempt. Current  function poor, plan  anticipates a Long term  improvement.  Long term benefit, No	IDT
3/31/2009- 3/30/2010 3/31/2019- 3/30/2010 3/31/2011- 3/30/2012 3/30/2013	PC PC	2920441	30		Type F	>10'						?	hardwoods to 25' buffer  Remove hardwoods to 45' buffer  Remove hardwoods to 50' buffer.  Remove hardwoods	Rubber tired/tracked skidder; shovel; suspension skid rd. skidder, dozer,	No	No	Doug fir; 200 to 300/acre	по		enhance riparian function as desired future condition. No- cut buffers will provide the nocessary root mass for bank stability. Long term both conditions are considered to the condition of the additional windfall. Short- term loss of some hardwood shade, long term enhancement of shade 20 acre exempt. Current function poor, plan improvement.	IDT

														rubber tire				Doug and grand fir,			Current condition poor, Replacing dying alders with conifers will restore riparian	
3/31/2010 -	.		l		1								Remove hardwoods					possibly red cedar or		Annual seedling	function, brush left adjacent to	
3/30/2011	PC 2	920944	14	HWC	Type S	>10'	1,400'	90'	25'	65'	250' One 1150' Both	V	to 25' buffer	shovel		Yes	Yes	spruce	no	inspection	stream	
3/31/2010 -																						
3/30/2011	PC 2	922039	20	Thin	Type S	>10'	700'	170'	80'	90'	One	- 11	Thin to 80' buffer	shovel		Yes	Yes	Doug fir	no			
3/31/2010 - 3/30/2011	PC 2	920810	3	HWC	Type F	<10'	?	150°	70'	80'	0		Remove hardwoods to 70' buffer	skidder/shovel		Yes	Yes	Doug fir. Red cedar; 500/acre	no		70' no cut buffer meets all riparian function criteria	
													remove hardwoods									
	-  2	922831	100	HWC	Type F	<10'	5,400'	170'	135'	35'	One	- "	to 135' buffer. Replace mixed	shovel		Yes		Grand fir; 400/acre				
3/31/2011 -													species stand with	cable, shovel.								
3/30 2012	PC 2	923622	45	Thin	Type F	<10'	100'	0'	0'	0,	Both	III	100% Doug Fir.	Tracked skidder		Yes	Yes	doug fir	no		No cut buffer will provide bank	
																					stability, litter fall and	
																					nutrients, and sediemnt	
																					filtering. No conifers near	
																					stream to laeve as LWD. Uncut trees in buffer will provide	
																					shade. Functions are protected	
													Remove hardwoods								e because harvest is on north side	
2000-2009	PC 2	916395	9	HWC	F	<10'	1000'	170'	30'-65'	110'-135'	One	- II	to 30'-65' buffer	Shovel Skidder	0	Yes - ICN		DF 300 TPA	No	are free to grow	of creek.	
													Remove hardwoods	Shovel tracked						Monitor annually to	Decrease in shade, leaf litter	IDT
2000-2009	PC 2	904550	16	HWC	F	<10'	1180'	170'	50'	120'	One	II.	to 50' buffer	skidder	0	No		300 TPA DF	No	free to grow	fall,	
																					Bank stability and surface	
																					erosion will be protected. Short term reduction in litter	
													Thin to last row of								fall.Short term impact on shade	
2000-2009	PC 2	904481	220	Thin	F	3'	7,000'	0	0	0	both	II.	trees along stream	Forwarder	?	Yes		None	No	None	and nutrients.	Stream width
																					Short term impact on shade and LWD. No effect on bank	
													Remove hardwoods	Feller							stability or surface erosion	
2000-2009	PC 2	904820	30	HWC	F	?	3,050*	170'	50'	120'	both	п	to 50' buffer	buncher/skidder	?	No		Conifer 300 TPA	No	None		Stream width
																					No effect on bank stability,	
																					LWD, leaf litter, sediment filtering because of 50' buffer.	
																		Conifer/hardwood		Monitor for 7 years	No effect on shade as this is the	
2000-2009	PC 2	910710	6	Thin	S	?	?	170'	50'	120'	One	- 11	Thin to 50 TPA	Cable	?	No		planting	Yes	until free to grow	Columbia River.	Stream width
													Remove hardwoods								Short term loss of LWD and	
2000-2009	PC 2	910003	74	HWC	F	,	1.287'	,	30'	,	both		to 30' buffer	Shovel	2	No	No	DF 360 TPA	No	,	shade, minimal change of other riparian functions.	IDT
							-,								·						Short term loss of LWD and	
													Remove hardwoods								shade, minimal change of other	IDT
2000-2009	PC 2	910003	74	HWC	F	?	1,287'	?	30'	?	both	III	to 30' buffer	Shovel	?	No	No	DF 360 TPA	No	?	riparian functions.	
																					Short term impact to LWD and	
																					shade. No impact on bank	IDT
	.									,	_		Remove hardwoods			l l				,	stability, sediemnt filtering, leaf	
2000-2009	PC 2	912464	10	HWC	Pond	Pond	80'	,	40'	?	One	?	to 40' buffer	Skidder	0	No	No	?	No	?	litter, nutrient input.	
													Remove hardwoods								No impact to riparian functions	IDT
2000-2009	PC 2	510869	21	HWC	F	?	2,425'	?	10'	?	?	- II	to 10' buffer	?	?	No	No	DF	No	?	except short term loss of shade.	
													Habitat restoration			USFWS & WDFW						
3/31/2012 -					Type F								around wetlands -	shovel/rubber		Assessme					Short term risks only. Short	
3/30/2013	PC 2	924471	62	Thin	wetlands	s N/A	?	110'	100'	10'	N/A	IV	100' buffer	tired skidder		nt	Yes	none	No		term loss of shade.	
3/31/2013-																		western hemlock, doug				
3/31/2014	PC 2	927582	9.8	Thin	Wetlands	s N/A	750'	?	25'	?	One	?	Thin to 75 tpa.	shovel		No	No	fir	no			IDT