1	2	3	4	5	6	7	8	9	10	PC REGION ALTERNATE PLAN SUMMARY 2000-2015 09/05/2017   10 11 12 13 14   er Width* for wind frei for some of each Harveston one of both Site Site Activity in Inner		09/05/2017 14	15	16	17	D Team	1	8 Reforestation Pla	n	19	20	
Date Range	Region	FPA/N	FPA Acres	Type of Alternate Plan: Thinning, Regeneration, Hardwood Conversion	Water Type	Width of Stream	Length of RMZ affected for each Stream Type (feet)	Total RMZ Width for Each Stream Type (feet)	No Cut Buffer Width* for each Stream Type (feet)	Inner zone width for each stream type (feet)	Harvest on one of both sides of stream	Site Class	Activity in Inner Zone	Removal Method	Number of Core ZoneTrees Removed	In FPARS	In Region File	Species Planted, Number	Monitoring Plan Exists	Monitoring Components	Describe How Riparian Function Was Addressed	Missing Information
BFW Less than 5'																						
2000-2009	PC	2913791	29	нис	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	No effect of bank stability, leaf litter, nutrients, sediment filtering, increase in LWD with wood placement in stream, short term loss of shade.	
2000-2009	PC	2914420	72	HWC	F	¢	2640'	75'	50'	25'	Both		Remove hardwoods	Tractor		Yes - ICN		2	No	2	Minimai 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 long-term. Streambanks will be restored to prevent sedimentation	
2000-2009	PC	2916646	12	HWC	F	4'	750'	70'	50'	20'	Both			Ground	-	Yes-ICN		DF 300-400 TPA	No	None	Short term loss of shade. Near term gain fo LWD due to blowdown. No impact on leaf litter, bank stability, or nutrient loading.	
	PC	2919967	32	нжс	Type F	4'	1,100'	170'	113'	57'	Both	ıı	Remove hardwoods to 113' buffer	shovel/skidder		Yes	Yes	Doug Fir, Red Cedar mix; 300 TPA; 2-0 or better	yes	Monitor planted stand monthly for 3 to 5 years, controlling all brush Monitor planted stand	Improve long term riparian function by removing and replacing dving alder	
3/31/2009 3/30/2010		2919967	32	HWC	Type F	4'	1,700'	170'	30'	140'	Both	п	Remove hardwoods to 30' buffer	shovel/skidder		Yes	Yes	Doug Fir, Red Cedar mix; 300 TPA; 2-0 or better	yes	monthly for 3 to 5 years, controlling all brush	Remaining conifers will provide some shade, nutrients, sediment, LWD	
		2919967	32	HWC	Type Np	2'	350'	50'	30'	20'	One	u	Remove hardwoods to 30' buffer	shovel/skidder		Yes	Yes	Doug Fir, Red Cedar mix; 300 TPA; 2-0 or better	Yes	Monitor planted stand monthly for 3 to 5 years, controlling all brush	and stability until planted trees mature.	
		2920529	9.5	HWC	Type F	2.5'	200'	29'	20'	9'	Both	2	hardwoods to 20' buffer	#REF!		No	No	#REF!	No		#REF!	IDT
		2922903	75	HWC	Type F	3'	400'	90'	30'	60'	Both	v	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre				
		2922903	75	нжс	Type F	3'	500'	200'	30'	170'	Both	1	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre			Sound, undamaged conifers left	
3/31/2011 3/30 2012	PC	2923238	21.8	HWC	Type F	3'	595'	?	10'	?	200' One 395' Both	п	Remove hardwoods to 10' buffer.	shovel		No	Yes	doug fir	no		in the Inner Zone. Heavy leaning, sound, undamaged hardwood leaning toward the	RMZ Width
		2923238	21.8	HWC	Type Np	2'	490'	?	10'	?	Both	п	Remove hardwoods to 10' buffer.	shovel							stream will be left. Long term improvement. Short term loss	RMZ Width
3/31/2010 3/30/2011	PC	2920779	4.5	нжс	Type F	4'	345'	170'	50'	120'	0	п	Remove hardwoods to 50 'buffer	dozer		Yes	Yes	Doug fir	no		Current function good. Use of 50' no cut buffer, 50 to 113' leaving conifers for protection Long term increase in conifers,	
	PC	2924438	75	нжс	Type F	4'	1,200'	40'	40'	0'	Both	п	Remove hardwoods to 40' buffer.	shovel/rubber tired skidder		Yes	Yes	Doug fir	No		shade, debris, nutrients. Remove hazard trees along stream edge.	
3/31/2012 3/30/2013		2924438	75	нис	Type F	2'	2,000'	40'	40'	0'	?		Remove hardwoods to 40' buffer.	shovel/rubber tired skidder		Yes	Yes	Doug fir	no		Sound, undamaged coniter's left in the Inner Zone. Heavy leaning, sound, undamaged hardwood leaning toward the stream will be left. Long term improvement. Short term loss of LWD & shade.	
		2924438	75	НШС	Type Np	1'	400'	30'	30'	0'	?		Remove hardwoods to 30' buffer.	shovel/rubber tired skidder		Yes	Yes	Doug fir	no		Long term increase in conifers, shade, debris, nutrients.Short term loss of LWD & shade. Short term loss of shade.	
	PC	2928173	26	HWC	Type F	4'	1,100'	170'	30'	140'	Both		Remove hardwoods to 30' buffer.	shovel/skidder		Yes	Yes	doug fir, western red cedar, 300/acre	no			
3/31/2013- 3/31/2014		2928173	26	HWC	Type F	4'	1,700'	170'	113'	57'	Both		Remove hardwoods to 113' buffer.								Short term loss of shade, long term improvement	
		2928173	26	HWC	Type Np	2'	350'	30'	30'	oʻ	One		Remove hardwoods to 30' buffer.									
3/31/2011 - 3/30 2012	PC	2923674	30	HWC	Type F	3'	900'	170'	50'	120'	Both		Remove hardwoods to 50' buffer.	ground		Yes	Yes	doug fir, 350/acre	no			
		2924632	48	HWC	Type F	4'	1.200'	170'	30'	140'	Both		Remove hardwoods	eround		Yes	Yes	doug fir, western red	No		Addition of 15 to 20 conifer to wetland as LWD. No reference of effect on riparian functions. Input LWD into wetland.	
3/31/2013- 3/31/2014	PC	2926261	25	HWC	Type F	3'	850'	170'	30'	140'	Both		Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir, 350/acre	no			
	-	2926295	60	HWC	Type F	3'	800'	30'	30'	0'	Both		Remove hardwoods			Yes	Yes	doug fir 350/acre			Long term benefit. Short term	
	PC	2927207	24	HWC	Type F	3'	1 100'	170'	30'	140'	Both		Remove hardwoods	ground		Vec	Ves	doug fir			Long term improvement.Documents all 5 riparian functions remain	
3/31/2013- 3/31/2014	n	292/29/	24	This	Typer	3	2,100	1451	06	140	Both		Harvest 11 trees in inner zone for	ground		No	165	oodg tir			Sound, undamaged conifers left in the Inner Zone. Heavy leaning, sound, undamaged hardwood leaning toward the stream will be left. Long term improvement.Short term loss of LWD, leaf litter, & shade	107
1			20		,per		500	143	20	.23			L'anna anna anna anna anna anna anna ann									page 4

																ID Team identified						
																concurren				Written report to DNR		IDT
4/1/2014-	PC	2929296	3	Thin	Type F	2'	PIP	70'	70'	0'	One		Thin to 70' buffer.	shovel		document	No	doug fir, 360/acre	no	each Nov. for 5 years after planting.		
																					There should be no adverse	
														leading end							effect on the current riparian conditions. The proposed buffer	
3/31/2010 3/30/2011	PC	2921581	63	Thin	Type F	3'	1,600'	140'	70'	70'	One	ш	Thin to 109 TPA to 70' buffer	suspension, shovel		Yes	Yes	Doug fir, red cedar	no		generally follows along the top of the slope break.	
		2024500			Tracks	4.75	4 0001	501	201	201	D. th		Thin to 190 TPA to	processor/forwa								
		2921088	8	Inin	Type Np	1./5	1,000	50	20	30	Both		20 burrer	rder and skidder		res		western red cedar, doug				
3/31/2010	PC	2922130	10	Thin	Type F	4'	1016'	140'	50'	90'	Both		Rechannelize stream maintain 50' buffer	tracked shovel/loader		SEPA	Yes	fir, red osier dogwood, snowberry, willow	yes	No documentation		
3/30/2011																					Alders dying; Conifers will provide long term increase in	
		2922130	10	Thin	Type Np	1.5'	100'	50'	50'	0'	Both	ш	Maintain 50' buffer	tracked shovel/loader							LWD, shade, bank stability, sediment filtering, nutrients	
													Remove 11% of									
3/31/2011 3/30 2012	PC	2923358	10	Thin	Type F	3'	1,000'	118'	50'	68'	One	н	understory trees -35 trees in the RMZ.	tracked skidder		Yes	Yes	none	no		No locate as back stability	
													Salura trees to 50'								sediment filtering, shade, or nutrient input LWD will be	
2000-2009	PC	2917867	23	Salvage	F	3'	525'	140'	50'	90'	?	ш	buffer	Ground	0	Yes		DF	No	None	recruited in near term. No impact on bank stability.	
													Salvge trees to 50'								sediment filtering, shade, or nutrient input. LWD will be	
2000-2009	PC	2917867	23	Salvage	F	4'	525'	140'	50'	90'	?		buffer	Ground	0	Yes		DF	No	None	recruited in near term. No impact on bank stability,	
													Salvge trees to 30'								sediment filtering, shade, or nutrient input. LWD will be	
2000-2009	PC	2917867	23	Salvage	F	2'	525'	140'	30'	110'	?		buffer	Ground	0	Yes		DF	No	None	recruited in near term. No impact on bank stability,	
2000 2000		2012052		Colorean Colorean		21	575	147	201	4401			Salvge trees to 30'	Ground						News	sediment filtering, shade, or nutrient input. LWD will be	
2000-2009	PC	291/86/	23	Salvage	F	2 <sup>°</sup>	525	140	30"	110	ł.		butter	Ground	0	res		DF	No	None	recruited in near term.	
BFW Between																						
5' and 15'																					No effect on bank stability,	
													Remove hardwoods	Rubber tired						Monitor until free to	sediment filtering, or leaf litter. Short term loss of LWD and	IDT
2000-2009	PC	2913430	27	HWC	F	15'	?	170'	50'	120'	One		to 50' buffer	skidder	0	No		DF	No	grow	shade. No effect on bank stability, leaf	
2000 2000		2012077				401	4300	751	251	E OL	<b>2</b> -1		Remove hardwoods	Channel		V 101		05.000		Monitor until free to	filtering, short term loss of LWD	
2000-2009	PL	2913977	7.5	HWC	,	10	1200	/5	25	50	One		Remove hardwoods	Shovei	select hardwoods	Tes - IUN		DF WRC	NO	grow	Bank stability and filtering	
2000-2009	PC	2914420	72	нжс	F	5'	2640'	75'	30'	45'	both	u	to 30' buffer	Tractor	0	Yes - ICN		?	No	?	minimally impacted No decrease in bank stability.	
													Remove hardwoods	Rubber tired				DF, shade tolerant		Inspect annually to assure 150 TPA free to	shade, nutrient input or litter fall due to buffer. No decrease	IDT
2000-2009	PC	29150998	14	HWC	F	10'	1100'	170'	50'	120'	One	н	to 50' buffer	skidder	2	No		conifer	No	grow	in LWD.	
																					No impact on bank stability, nutrient litter fall, or sediment	
													Remove hardwoods	Rubber tired		ICN#				Inspect annually to assure 150 TPA free to	filtering due to buffer. LWD is adequate. There will be a	
2000-2009	PC	2915912	21	HWC	,	10	2200	1/0	///	100	Both		to /U buffer	skidder/Shovel	0	00456		DF, WRC at 360 TPA	NO	grow	No impact to bank stability,	
													Remove hardwoods	Pubber tired							filtering due to no cut buffer.	
2000-2009	PC	2917977	33	нжс	F	8'	1900'	170'	50'	120'	Both	н	to 50' buffer	skidder		Yes - ICN		DF WRC Spruce	No	None	nutrients. No effect on bank stability, leaf	
																					litter, nutrient loading, sediment filtering because of no	
2000-2009	PC	2914004	25	нжс	F	8'	400'	170'	50'	120'	Both	п	Remove hardwoods to 50" buffer	Shovel	0	Yes - ICN		DF	No	?	cut buffer. Short-term loss of shade and LWD	
																					No effect on bank stability, leaf litter, nutrient loading,	
2000 2000		2014004	25	1000		01	4001		201	cal	D. th		Remove hardwoods	Chanal		N					sediment filtering because of no- cut buffer. Short-term loss of	
2000-2009	PC	2914004	25	HWC	,		400	90	30	80	Both	v	to 30 butter	snovei	0	res - IUN		DF	NO	r	No effect on bank stability, leaf	
													Remove hardwoods								sediment filtering because of no- cut buffer. Short-term loss of	
2000-2009	PC	2914004	25	HWC	F	11'	400'	90'	30'	60'	Both	v	to 30' buffer	Shovel	0	Yes-ICN		DF	No	?	shade and LWD ICN states - Long and short	
																					term riaprian functions will be protected with very little, if	
2000-2009	PC	2917138	19	HWC	F	5'	1000'	25'	?	?	Both	v		skidder/shovel		Yes-ICN		Natural Regeneration	No	None	any, negative impacts. No impact on bank stability	
													Romaua hardur	Pubbor tire *						Maintain seedlings unti	snade, nutrient input or sediemnt filtering because of	
2000-2009	PC	2918334	6	нжс	F	15'	100'	170'	50'	120'	?	н	to 50' buffer	skidder	0	Yes		Conifer	No	vegetation	LWD, Short term loss of LWD	
2000-2009	PC	2905194	32	HWC	F	10'	2050'	200'	50'	150'	?		Remove hardwoods to 50' buffer	Ground based	0	Yes		200 WH, 100 Spruce /acre	No	Vegetation management	minimal change of other riparian functions.	
															-						No impact on bank stability, LWD, leaf litter, nutrient	107
2000-2009	PC	2910451	45	HWC	F	5'	1,500	170'	25'	145'	both	п	Remove hardwoods to 25' buffer	?	0	No	No	Interplant if stocking goes below 350 TPA	No	Tubing, brish control	loading, sediment filtering, or shade.	וטו
																					Minor loss of LWD and shade. No impact on bank stability,	
2000-2009	PC	2914554	16	HWC	F	5'	1,860	170'	25'	145'	?	н	Remove hardwoods to 25' buffer	Skidder	0	Yes		Df	No	?	sediment filtering, leaf litter/nutrient loading.	

																				1	dinor loss of LWD and shade.	
																					to impact on bank stability,	
														Remove hardwoods						1	ediment filtering, leaf	
2000-2009	PC	29145	554 16		IWC	F	5'	1.86	170'	25'	145'	?	11	to 25' buffer	Skidder 0	Yes		DF	No	? 1	itter/nutrient loading.	
														Remove bardwoods to 30'	rubber tired						No short or long term	
3/31/2009 -	PC	29200	007 10		wc	Type F	5'	400'	170'	30'	140'	?		buffer	skidder	Yes	Yes	Doug fir. Cedar	no		nutrients, sediment filtering.	
3/30/2010						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								Remove							shade. Even aged	
														hardwoods to 30'	rubber tired						management may increase	
		29200	007 10	-	wc	Type F	5'	400'	170'	30'	140'	?		buffer	skidder	Yes	Yes	Doug fir, Cedar	No		woody debris through blow	
																					short term loss of shade and	
																					ardwood LWD recruitment,	
																				8	out would have long term gain	
																				1	rom establishment of a conifer	
																				4	lominant stand. Litter fall and	
																					intrient loading would not be	
																					naiority of trees providing	
																					hese functions would be left in	
																				1	he RMZ. Bank stability would	
																					e minimally impacted as the	
3/31/2010 -		20244					4.01		470	70	4001	0		Remove hardwoods	tracked skidder			Davie (** 200 TD4			rees providing anchoring	
5/30/2011	FC	25211	.15 8		IVC.	турет	10		1/0	70	100	Olle		to 70 buller	silovei	ies	165	DOUG III 330 TFA	no		/erv little function now long	
3/31/2011 -														Remove hardwoods	tracked skidder,						erm improvement across the	
3/30 2012	PC	29222	272 32		IWC	Type F	6'	1,200'	70'	35'	35'	Both		to 35' buffer.	cable	Yes	Yes	Doug fir	no	8	oard	
																					dding woody debris, leaving	
2/21/2011														Romous bardwoods						1	rees leaning toward stream, no	
3/31/2011 -	DC.	20224	146 15		INC	Turne 5	10	800'	170	20'	140	0.00		to 30' huffor	ground (cobio	Vor	Vor	down fire 250 /orro			ut buffer. All riparian	
3/30 2012	PC .	25224	+++0 13		IVC.	Type 5	15	800	1/0	30	140	Olle		to so builer.	ground/cable	ies	165	uoug III, 350/acre	10		stablishing a healthy conifer	
3/31/2011 -														Remove hardwoods	shovel, tracked						ommunity. Short term loss of	
3/30 2012	PC	29229	943 33	,	IWC	Type F	12'	?	35'	35'	0'	Both	11	to 35' buffer.	skidder	Yes	Yes	doug fir, 400/acre	no	1	hade.	
																					eaving large maples, all	
2/21/2011														Romous bardwoods							onifers . No reference to effect	
3/30 2012	PC	29229	38 996		wc	Type F	q'	1.500'	170'	50'	120'	Both		to 50' buffer	eround	Yes	Yes	doug fig. 350/acre	00		in riparian functions. Entire	
0,00 0000						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-,							0.0000						inter to the Contact	
3/31/2011 -														Remove hardwoods	rubber tire			doug fir, red alder, red			stablishing healthy conifer	
3/30 2012	PC	29241	151 330		IWC	Type F	12'	?	170'	25'	145'	Both	11	to 25' buffer.	skidder	Yes	Yes	cedar; 400/acre	No	1	tand.Short term loss of shade	
		20246	49		INC	Turne F	e'	2.400	170	20'	140	Poth		Remove hardwoods	ground	Vor	Vor	doug fir, western red	No			
		25240	40		IVC.	турет	0	2,400	170	30	140	Both		to so buller.	ground	ies	165	ceuar, souracre	NU			
														Remove hardwoods				doug fir, western red				
		29246	532 48		IWC	Type F	5'	500'	170'	30'	140'	Both		to 30' buffer.	ground	Yes	Yes	cedar; 350/acre	No			
3/31/2012 -	0.0	20254				7	<b>c</b> 1	5001	201	201	21	0		Remove hardwoods	rubber tired			doug fir, western red				
3/30/2013	PC	29251	110 49	,	IWC	Type F	5'	500	30.	30"	U'	One		to 30' buffer.	skidder/dozer	Yes	Yes	cedar	NO			
3/31/2012 -														Remove hardwoods								
3/30/2013	PC	29251	178 30		IWC	Type F	12'	1,700'	90'	30'	60'	Both	v	to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre	No			
3/31/2012 -	PC	20255	557 119		M/C	Tune F	12'	700'	170	30'	140'	One		to 30' buffer	around	Vac	Ves		No		ong term benefit	
3/30/2013	PC .	25233	552 115		IIVC	Typer	- 12	700	1/0	30	140	Oile		to so ballel.	ground	res	165		NU		ound undamaged conifers left	
																					n the Inner Zone. Heavy	
																					eaning, sound, undamaged	
																					ardwood leaning toward the	
																				1	tream will be left. Long term	
		29260	131 5		w/c	Tune E	51	170'	170	50'	120'	One									mprovement.Short term loss of	
		1.5200	5			TypeT		110	110	50	110	Unc									WIT & Shane	
														Remove hardwoods							ong term benefit. All riparian	
		29262	296 60		IWC	Type F	11'	2,000'	30'	30'	0'	Both	11	to 30' buffer.	ground	Yes	Yes	doug fir, 350/acre	no	1	unctions maintained	
														Romous bardwoods							ong term benefit. No	
		29262	296 60	,	wc	Type F	7'	700'	30'	30'	0'	Both		to 30' buffer		Yes	Yes	doug fir 350/acre			efference to effect on riparian suffers	
3/31/2013-	PC					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,															iound, undamaged conifers left	
3/31/2014																					n the Inner Zone. Heavy	
																					eaning, sound, undamaged	
																					ardwood leaning toward the	
														Romous bardwoods							tream will be left. Long term	
		29262	296 60		IWC	Type F	7'	700'	30'	30'	0'	Both		to 30' buffer.		Yes	Yes	doug fir. 350/acre			WD & shade	
															rubber tired or							
															tracked skidder,							
2/24/2012														Demonstration and	dozer, shovel,							
3/31/2013-	PC	29268	40		IWC	Type F	11'	1 200'	170'	50'	120'	One		to 50' buffer	suspension	Yes	Yes	doug fir	00			
5,54/2014		2.52.00				.,pc.		4,400	170			UIL		to so bolici		103	10	0000 10				
3/31/2013-														Remove hardwoods								
3/31/2014	PC	29271	166 76	1	IWC	Type F	13'	2,000	30'	30'	0'	One	1	to 30' buffer.	ground ?	No	No	doug fir	no			IDT
2/21/201-														Bomous hand	subbox tired					1		
3/31/2013-	PC	20278	215 220		w/c	Tune E	6'	600'	170	30'	140'	Both		to 30' buffer	skidder	Vec	Vec	doug fir	200			
3/31/2014	10	2.52.70	515 550			typet		000	110		140	bour		to so ballet.	Skibber	103	10	doug III	10			
4/1/2014-														Remove hardwoods				doug fir, oregon ash 350			No page 2&3 of Alternate Plan	
3/31/2015	PC	29292	274 24		IWC	Type F	5'	900'	170'	30'	140'	One	11	to 30' buffer.	ground	Yes	Yes	TPA	no		orm	
																					rescription favors the	
																					orest canony which will	
																				I li	provide for increasing levels of	
1														Thin to 190 TPA to	processor/forwa						hade, bank stability, etc with	
L		29216	588 8		Thin	Type F	10'	500'	128'	40'	88'	Both		40' buffer	rder and skidder	Yes					ime.	
																iD team						
1																noted but						
														Harvest of over		document		Doug fir, western red				
1	PC	29244	114 20		Thin	Type F	10'	1,000	170'	170'	0'	One		mature timber.	shovel	ation	No	cedar	No			
																ID team						
3/31/2012 -														Harvest of over		noted but				1	Alder leaning toward stream to	
3/30/2013														mature timber to 25'		document		Doug fir, western red			pe left, establishment of healthy conifer	KMZ Width
		29244	114 20		Thin	Type F	10'	1,000	170'	25'	146	One		buffer	shovel	ation	No	cedar			realitity conifer	
																ID team						
1																noted but				1	dinimal harvest (139 left, 35	
1														Harvest over mature		011		Doug fir western red		1	ensived). No impact on inarian functions Short term	
		1	1		Photo:	Trace	<b>F</b> 1	4 200	170	01	0'	0		timber to 0' huffer	chouol	ation	No	_oog, western red		1 6		
		29244	114 20		inin i	Typer	2	1,200	1/0	U	0	Une		timber to o burier	SHOVEI		140	ceuai		1	oss of LWD & shade.	

													Harvest most								
3/31/2013-													dominant fir & cedar. Retain	skidder. cat.							
3/31/2014	PC	2926228	35	Thin	Type F	5'	700'	100'	50'	50'	Both	Ш	hardwoods	excavator	Yes	Yes	doug fir, 350/acre	no			
														forwarder, hand							
														fall, dozed with						Short term loss of shade, long	
3/31/2013-													Thin smaller diameter trees.	grapple, processor fall						term improvement.Short term shade reduction & nutrient	
3/31/2014	PC	2928230	29	Thin	Type F	8'	2,600'	30'	30'	0'	Both	Ш	economic gain.	and dozer yard	Yes	Yes	doug fir	no		input.	
																				Sound, undamaged conifers left 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	
																				No impact on bank stability,	IDT
2000 2000	00	2010802		This		10'	1.450	140'	14	176'	2		2	Skiddor	0 No	No		No		sediment filtering, leaf	101
2000-2003	PC .	2910803	22	1000	F	10	1,400	140	14	120	I		1	Skiudei	0 100	NU	none	NO	none	incer/indefienc loading.	
BFW Greater																					
than 15'																					
2/21/2012													Romaus hardwoods	tractor loading			doug fir wortons rod			No change to riparian	
3/31/2013	PC	2926343	106	HWC	Type F	20'	1,600'	170'	60'	110'	Both	Ш	to 60' buffer.	end suspension	? Yes	Yes	cedar	no		functions.	
																				Increase in LWD, long term	
																			Maintain seedlings unti	filtering, stream stability. All	
2000 2000		2040224		1000		FOL	4001	470	501	4201			Remove hardwoods	Rubber tired			Continu		above competing	riparian functions reduced for	
2000-2009	PC	2918334	0	HWC		50	400	170	50	120	r		to so burrer	skidder	0 tes		Coniter	NO	vegetation	the short term	
2000 2000		2010151				4001	3 5001	440	201	4401	h ath		Remove hardwoods				Interplant if stocking		Tables heigh sectors		107
2000-2009	PL	2910451	45	HWC		100	3,500	140	30	110	both		to so butter	r	U NO	NO	goes below 350 TPA	NO	Tubing, brish control		IDI
													Remove hardwoods				Interplant if stocking				
2000-2009	PC	2910451	45	HWC	F	20'	1,200	170'	25'	145'	both		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'	?	11	to 50' buffer Remove old dving	Skidder	0 Yes		DF	No	?	riparian functions	
0.004.00000													and leaning								
3/31/2009 - 3/30/2010	PC	2920367	3	HWC	Type F	100'	300'	170'	0'	170'	One		hardwoods to 0' buffer	rubber tired skidder/shovel	Yes	Yes	Doug fir	no			
																			Monitor until trees		
													Remove						established; herbicides applied to		
3/31/2009 -											_		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		butter	shovel/skidder	Yes	Yes	400/acre	yes	slashed		
																				Sound, undamaged conifers left	
																				in the Inner Zone. Heavy leaning, sound, undamaged	
																				hardwood leaning toward the	
3/31/2010 -													Remove hardwoods							stream will be left. Long term improvement. No LWD input.	
3/30/2011	PC	2921117	50	HWC	Type F	20'	200'	170'	50'	120'	One	Ш	to 50'buffer	tracked skidder	Yes	Yes	Doug fir	no		reduced shade short term.	
													Remove hardwoods							no harvest on slope, no short or long term changes. No change	
		2921117	50	HWC	Type F	30'	200'	170'	50'	120'	One	Ш	to 50' buffer	tracked skidder						in 5 RMZ functions.	
																	Doug fir western red			No impact on bank stability,	
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	11	to 60'buffer	skidder/shavel	Yes	Yes	450/acre	no		shade.	
																	Doug fir, western red			LWD, leaf litter, nutrient	
		2024055		1000		201	5001	501	251		0		Remove hardwoods	tracked			cedar, western hemlock;			loading, sediment filtering, or	
		2921830	9	HWC	Typer	20	500	30		15	Olle		to 35 buile	skidder/sridver	165		430/acre	NO		Minor loss of LWD and shade.	
													Romaus hardwoods							No impact on bank stability,	
	PC	2922903	75	HWC	Type S	60'	1,000'	90'	30'	60'	One	v	to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre	no		litter/nutrient loading.	
																				Currently no large woodv	
3/31/2011																				debris and little shade, bank	1
3/30 2012																				is a man made recreational	1
																				lake and the terrain is near	
																				Douglas fir with the intent not	
																				to harvest, but let grow to enhance the surrounding	
													Remove hardwoods							scenic area can only be seen	1
		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. Replace small portions of the	
																				current hardwood dominant	1
																				KMZ with a conifer dominant forest over a period of 25-30	1
																				years. Harvest areas limited to	
																				stopes under 65% and areas where bank stability is good	1
																				Leaf litter and nutrient loading	1
													Remove hardwoods							would be minimally impacted as the majority of trees	
													& salvage log to 30'							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	1
3/31/2011														0.0000						Martini.	
3/30 2012													& salvage log to 30								1
													buffer. Harvest in								1
		2922333	75	HWC	Type S	60'	1,500'	200'	30'	170'	Both	V	wetland.	ground	Yes		doug fir; 350/acre				
													Remove hardwoods								1
													& salvage log to 30' buffer. Harvest in								
1		2022222	75	HWC	Turne S	60'	800'	90'	30'	60'	000	v	wetland	around	Yes	1	doug fir: 350/acre			Road moved away from stream	

1		1														1			Leaving conifers within 178' of	
												Remove hardwoods							stream; all alder leaning toward	
												& salvage log to 30'							stream and maples closest to stream Short term loss of LWD	
		2922333	75	HWC	Type S	60'	800'	90'	30'	60'	One V	wetland.	ground	Yes		doug fir; 350/acre			& shade	
																			Leaving sound inner zone	
																			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 II	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 II	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 II	to 145' buffer.	shovel	Yes	Yes	Grand fir; 400/acre	no		or creek	
												Remove hardwoods								
		2922903	75	HWC	Type S	60'	800'	200'	30'	170'	Both I	to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre				
																		Tree health and growth		
																		is recorded in the first		
																		is repaired and adjusted		
																		through the second and		
																		third quarters;		
																		cut back with hand		
																		tools, usually twice		
												Remove hardwoods						season: Fertilizer and		
												& salvage log to 50'						lime is applied in the		
2/24/2012												buffer. Salvage						first quarter; Replanting		
3/30/2012	PC	2925859	19	HWC	Type F	55'	1,000'	140'	50'	90'	One III	buffer.	dozer	Yes	Yes	western red cedar	yes	quarter.		
3/31/2012 - 3/30/2013	PC	2926031	5	HWC	Type F	30'	300'	170'	50'	120'	One II	to 50' buffer.	shovel/track	Yes	Yes	doug fir; 350/acre	no		No documentation	
3/31/2012 -	PC	2024632	48	HWC	Tune S	100	700'	170'	30'	140'	000	Remove hardwoods	ground	Vec	Ves	doug fir, western red	No			
5/50/2015	10	LJL40JL	40		Type 3	100	700	110	50	140		to so bunci.	ground	103	10	ccddi, 550/dcic	110		Sound, undamaged conifers left	
																			in the Inner Zone. Heavy	
																			hardwood leaning toward the	
																			stream will be left. Long term	
		2026242	106	HIME	Turne E	20	600'	170	75'	05'	0.00	Remove hardwoods		Yes	Ver	doug fir, western red			improvement.Short term loss of	
		2920343	100	HWC	Type P	30	000	170			One	to 75 buller		16	165	Cedai	110		LWD & shade	
3/31/2010 -	PC	2021626	22.5	Thin	Turne E	20'	350'	50'	50'	0'	000 11	Remove 21 trees for	shovel/track skidder	Var	Ver	doug fir, alder, western	20			
5/50/2011	10	LJLIGLO			type1		550		50	Ŭ			Januari	103	10	ico ccoor	10			
2/24/2010												Th/							No effect on bank stability, leaf	
3/31/2010 -	PC	2921688	8	Thin	Type S	75'	1,500'	200'	40'	160'	One II	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	
												Thin to 190 TPA to	processor/forwa						50' buffer, long term increase in	•
		2921688	8	Thin	Type F	40'	660'	128'	40'	88'	One II	40' buffer	rder and skidder	r Yes					LWD,	
																			Sound, undamaged conifers left	
																			in the Inner Zone. Heavy	
																			hardwood leaning toward the	
												Harvest 11 trees in							stream will be left. Long term	
3/31/2013-	DC	2027262	20	This	Turne E	20	1.500	1451	175'	20'	000	inner zone for	shovel/tracked	No	No	doug fir			improvement.Short term loss of	IDT
3/31/2014	FC	2927303	20	11111	Typer	20	1,500	143	125	20	Ulic I	lanuing.	skiddel	NO	NU	doug III	110		LWD, lear litter, & shade	IDI
Actual BFW																				
Unknown																				
																			No effect on bank stability, leaf	
																			sediment filtering, short term	IDT
2000-2009	PC	2910540	40	Thin	s	>10'	200'	200'	14'	186'	both I	Thin to 150-200 TPA	Skidder	No		None	No	None	loss of LWD and shade	
																			litter nutrient loading, or	
																			sediment filtering. short term	IDT
2000-2009	PC	2910540	40	Thin	F	>10'	1300'	200'	?	?	both I	Thin to 150-200 TPA Remove	Skidder	No		None	No	None	loss of LWD and shade	
	-											hardwoods to 50'	tracked skidder	r		Doug fir, Spruce, Red			Employing large landowsor	
3/31/2009 - 3/30/2010	PC	2919916	15	HWC	Type S	>10'	450'	140'	50'	90'	Both III	Bemove	shovel	Yes	Yes	cedar	No		hardwood prescriptions - 50'	
							100				0.4	hardwoods t0 50'	tracked skidder	r .		Doug fir, Spruce, Red			no harvest buffer	1
<u> </u>		2919916	15	HWC	Type F	>10'	450'	90'	50"	40"	Both V	outter	shovel	Yes	Yes	cedar	No			
																			Planted hemlock will	
																			desired future condition. No-	
																			cut buffers will provide the	1
																			bank stability. Long term	1
																			recruitment of conifer LWD.	1
																			additional windfall. Short-	1
2/24/2000												Remove							term loss of some hardwood	1
3/30/2010	PC	2920441	30	HWC	Type F	>10'	?	140'	25'	115'	Both III	buffer	Shovel, cable	Yes	Yes	Hemlock	no		enhancement of shade	
													Durit							
													tired/tracked						20 acre exempt; Current	IDT
2/24/2000												Remove	skidder; shovel	;		Davia 61, 2004			function poor, plan	101
3/30/2010	PC	2920529	9.5	HWC	Type F	>10'	460'	86'	45'	41'	300' One 160' Both ?	buffer	suspension skid rd.	No	No	300/acre	no		improvement	
3/31/2011 - 3/30 2012	PC	2923962	9	HWC	Type F	>10'	326'	170'	50'	120'	Both	to 50' buffer.	skidder, dozer, shovel	Yes	Yes	doug and noble fir	No			1
																			Long term benefit, No	
3/31/2012 - 3/30/2013	PC	2924971	15	HWC	Type F wetland	>10'	1,350'	170'	25'	145'	One II	Remove hardwoods to 25' buffer.	shovel, rubber and track skidde	r Yes	Yes	red cedar, western hemlock; 350/acre	No		reference of effect on riparian functions	
								-	-					10						

3/31/2010 -													Remove hardwoods	rubber tire skidder, dozer or				Doug and grand fir, possibly red cedar or		Annual seedling	Current condition poor, Replacing dying alders with conifers will restore riparian function, brush left adjacent to	
3/30/2011	PC	2920944	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 -	PC	2922039	20	Thin	Type S	>10'	700'	170'	80'	90'	One		Thin to 80' buffer	shovel		Yes	Yes	Doug fir	00			
.,,																						
3/31/2010 -													Remove hardwoods					Doug fir. Red cedar;			70' no cut buffer meets all	
3/30/2011	PC	2920810	3	HWC	Type F	<10'	?	150'	70'	80'	0		to 70' buffer	skidder/shovel		Yes	Yes	500/acre	no		riparian function criteria	
		2922831	100	HWC	Type F	<10'	5,400'	170'	135'	35'	One		to 135' buffer.	shovel		Yes		Grand fir; 400/acre				
													Replace mixed									
3/31/2011 -	DC.	2022622	45	This	Turne F	-10	100	<i>a</i> '	0'	0'	Poth		species stand with	cable, shovel.		Vor	Ver	doug fir				
5/30 2012	PC.	2923022	43		Typer	<10	100	0	0		Both		100% Doug Fit.	Tracked skidder		Tes	165	dodg til	10		No cut buffer will provide bank	
																					stability, litter fall and	
																					nutrients, and sediemnt	
																					filtering. No coniters near stream to laeve as LWD. Uncut	
																					trees in buffer will provide	
																					shade. Functions are protected	
													Remove hardwoods							Manage brush until tree	because harvest is on north side	
2000-2009	PC	2916395	9	HWC	F	<10'	1000'	170'	30'-65'	110'-135'	One		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	2904550	16	HWC	F	<10'	1180'	170'	50'	120'	One		to 50' buffer	skidder	0	No		300 TPA DF	No	free to grow	fall,	
																					Bank stability and surface	
																					erosion will be protected. Short	
													Thin to last row of								fall.Short term impact on shade	
2000-2009	PC	2904481	220	Thin	F	3'	7,000'	0	0	0	both		trees along stream	Forwarder	?	Yes		None	No	None	and nutrients.	Stream width
																					Short term impact on shade and	I
													Romous bardwoods	Follor							LWD. No effect on bank	
2000-2009	PC	2904820	30	HWC	F	?	3.050'	170'	50'	120'	both		to 50' buffer	buncher/skidder	?	No		Conifer 300 TPA	No	None	because of harvest method.	Stream width
																					No effect on bank stability,	
																					LWD, leaf litter, sediment	
																		Conifer/hardwood		Monitor for 7 years	filtering because of 50° buffer.	
2000-2009	PC	2910710	6	Thin	s	?	?	170'	50'	120'	One		Thin to 50 TPA	Cable	?	No		planting	Yes	until free to grow	Columbia River.	Stream width
																					Short term loss of LWD and	
													Remove hardwoods								shade, minimal change of other	IDT
2000-2009	PC	2910003	/4	HWC	- F	· · · ·	1,287	1	30'		both		to 30' buffer	Shovel	ſ	NO	NO	DF 360 TPA	No	(	Short term loss of LWD and	
													Remove hardwoods								shade, minimal change of other	IDT
2000-2009	PC	2910003	74	HWC	F	?	1,287'	?	30'	?	both	ш	to 30' buffer	Shovel	?	No	No	DF 360 TPA	No	?	riparian functions.	
																					Charter in a state with a state	
																					short term impact to LWD and shade. No impact on bank	IDT
													Remove hardwoods								stability, sediemnt filtering, leaf	
2000-2009	PC	2912464	10	HWC	Pond	Pond	80'	?	40'	?	One	?	to 40' buffer	Skidder	0	No	No	?	No	?	litter, nutrient input.	
													Descent band south								No. 1	107
2000-2009	PC	2510869	21	HWC	F	2	2 425'	,	10'	,	2		to 10' buffer	2	2	No	No	DE	No	2	excent short term loss of chade	IDI
2000-2009		1010009	21	Awc	-		£,420		10				to to boild			USFWS &	.40	JF	140		except anore terminoss of shade.	
													Habitat restoration			WDFW						
3/31/2012 -					Type F								around wetlands -	shovel/rubber		Assessme					Short term risks only. Short	
3/30/2013	PC	2924471	62	Thin	wétlands	N/A	?	110'	100'	10'	N/A	IV	100' butter	tired skidder		nt	Yes	none western hemlock doug	No		term loss of shade.	
3/31/2014	PC	2927582	9.8	Thin	Wetlands	N/A	750'	?	25'	?	One	?	Thin to 75 tpa.	shovel		No	No	fir	no			IDT