

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20						
PC REGION ALTERNATE PLAN SUMMARY 2000-2015													09/05/2017		16			17 ID Team			18 Reforestation Plan			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 Zone Trees 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	HWC	F	2'	1320'	70'	25'	45'	both	II	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. 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 long-term. Streambanks will be restored to prevent sedimentation.				
2000-2009	PC	2914420	72	HWC	F	4'	2640'	75'	50'	25'	Both	II	Remove hardwoods to 50' buffer	Tractor	0	Yes - ICN		?	No	?	Short term loss of shade. Near term gain to LWD due to blowdown. No impact on leaf litter, bank stability, or nutrient loading.				
2000-2009	PC	2916646	12	HWC	F	4'	750'	70'	50'	20'	Both	II		Ground		Yes-ICN		DF 300-400 TPA	No	None					
3/31/2009 - 3/30/2010	PC	2919967	32	HWC	Type F	4'	1,100'	170'	113'	57'	Both	II	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	Improve long term riparian function by removing and replacing dying alder. Remaining conifers will provide some shade, nutrients, sediment, LWD and stability until planted trees mature.			
		2919967	32	HWC	Type F	4'	1,700'	170'	30'	140'	Both	II	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				
		2919967	32	HWC	Type Np	2'	350'	50'	30'	20'	One	II	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				
			2920529	9.5	HWC	Type F	2.5'	200'	29'	20'	9'	Both	?	Remove 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	HWC	Type f	3'	500'	200'	30'	170'	Both	I	Remove hardwoods to 30' buffer.	ground			Yes	Yes	doug fir, 350/acre						
3/31/2011 - 3/30/2012	PC	2923238	21.8	HWC	Type F	3'	595'	?	10'	?	200' One 395' Both	II	Remove hardwoods to 10' buffer.	shovel			No	Yes	doug fir	no		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	RMZ Width		
		2923238	21.8	HWC	Type Np	2'	490'	?	10'	?	Both	II	Remove hardwoods to 10' buffer.	shovel								RMZ Width			
3/31/2010 - 3/30/2011	PC	2920779	4.5	HWC	Type F	4'	345'	170'	50'	120'	o	II	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, shade, debris, nutrients. Remove hazard trees along stream edge.			
	PC	2924438	75	HWC	Type F	4'	1,200'	40'	40'	0'	Both	II	Remove hardwoods to 40' buffer.	shovel/rubber tired skidder			Yes	Yes	Doug fir	No		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 & shade.			
3/31/2012 - 3/30/2013		2924438	75	HWC	Type F	2'	2,000'	40'	40'	0'	?	II	Remove hardwoods to 40' 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.			
		2924438	75	HWC	Type Np	1'	400'	30'	30'	0'	?	II	Remove hardwoods to 30' buffer.	shovel/rubber tired skidder			Yes	Yes	Doug fir	no					
	PC	2928173	26	HWC	Type F	4'	1,100'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	shovel/skidder			Yes	Yes	doug fir, western red cedar, 300/acre	no		Short term loss of shade, long term improvement			
3/31/2013 - 3/31/2014		2928173	26	HWC	Type F	4'	1,700'	170'	113'	57'	Both	II	Remove hardwoods to 113' buffer.												
		2928173	26	HWC	Type Np	2'	350'	30'	30'	o'	One	II	Remove hardwoods to 30' buffer.												
3/31/2011 - 3/30/2012	PC	2923674	30	HWC	Type f	3'	900'	170'	50'	120'	Both	II	Remove hardwoods to 50' buffer.	ground			Yes	Yes	doug fir, 350/acre	no		Addition of 15 to 20 conifer to wetland as LWD. No reference of effect on riparian functions. Input LWD into wetland.			
		2924632	48	HWC	Type F	4'	1,200'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	ground			Yes	Yes	doug fir, western red cedar, 350/acre	No					
3/31/2013 - 3/31/2014	PC	2926261	25	HWC	Type f	3'	850'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	ground			Yes	Yes	doug fir, 350/acre	no					
		2926296	60	HWC	Type f	3'	800'	30'	30'	0'	Both	II	Remove hardwoods to 30' buffer.				Yes	Yes	doug fir, 350/acre			Long term benefit. Short term loss of LWD & shade Long term improvement Documents all 5 riparian functions remain			
3/31/2013 - 3/31/2014	PC	2927297	24	HWC	Type F	3'	1,100'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	ground			Yes	Yes	doug fir	no		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	IDT		
		2927363	20	Thin	Type F	4'	900'	145'	20'	125'	Both	I	Harvest 11 trees in inner zone for landing.				No	No							

4/1/2014-3/31/2015	PC	2929296	3	Thin	Type F	2'	PIP	70'	70'	0'	One	II	Thin to 70' buffer.	shovel		ID Team identified but no concurrence documented	No	doug fir, 360/acre	no	Written report to DNR each Nov. for 5 years after planting.	IDT
3/31/2010 - 3/30/2011	PC	2921581	63	Thin	Type F	3'	1,600'	140'	70'	70'	One	III	Thin to 109 TPA to 70' buffer	leading end suspension, shovel		Yes	Yes	Doug fir, red cedar	no	There should be no adverse effect on the current riparian conditions. The proposed buffer generally follows along the top of the slope break.	
		2921688	8	Thin	Type Np	1.75'	1,000'	50'	20'	30'	Both	II	Thin to 190 TPA to 20' buffer	processor/forwarder and skidder		Yes					
3/31/2010 - 3/30/2011	PC	2922130	10	Thin	Type F	4'	1016'	140'	50'	90'	Both	III	Rechannelize stream-maintain 50' buffer	tracked shovel/loader		SEPA	Yes	western red cedar, doug fir, red osier dogwood, snowberry, willow	yes	No documentation	Alders dying; Conifers will provide long term increase in LWD, shade, bank stability, sediment filtering, nutrients
		2922130	10	Thin	Type Np	1.5'	100'	50'	50'	0'	Both	III	Maintain 50' buffer	tracked shovel/loader							
3/31/2011 - 3/30/2012	PC	2923358	10	Thin	Type F	3'	1,000'	118'	50'	68'	One	II	Remove 11% of understory trees -35 trees in the RMZ.	tracked skidder		Yes	Yes	none	no		
2000-2009	PC	2917867	23	Salvage	F	3'	525'	140'	50'	90'	?	III	Salvage trees to 50' buffer	Ground	0	Yes		DF	No	None	No impact on bank stability, sediment filtering, shade, or nutrient input. LWD will be recruited in near term.
2000-2009	PC	2917867	23	Salvage	F	4'	525'	140'	50'	90'	?	III	Salvage trees to 50' buffer	Ground	0	Yes		DF	No	None	No impact on bank stability, sediment filtering, shade, or nutrient input. LWD will be recruited in near term.
2000-2009	PC	2917867	23	Salvage	F	2'	525'	140'	30'	110'	?	III	Salvage trees to 30' buffer	Ground	0	Yes		DF	No	None	No impact on bank stability, sediment filtering, shade, or nutrient input. LWD will be recruited in near term.
2000-2009	PC	2917867	23	Salvage	F	2'	525'	140'	30'	110'	?	III	Salvage trees to 30' buffer	Ground	0	Yes		DF	No	None	No impact on bank stability, sediment filtering, shade, or nutrient input. LWD will be recruited in near term.
BFW Between 5' and 15'																					
2000-2009	PC	2913430	27	HWC	F	15'	?	170'	50'	120'	One	II	Remove hardwoods to 50' buffer	Rubber tired skidder	0	No		DF	No	Monitor until free to grow	No effect on bank stability, sediment filtering, or leaf litter. Short term loss of LWD and shade.
2000-2009	PC	2913977	7.5	HWC	F	10'	1200'	75'	25'	50'	One	II	Remove hardwoods to 25' buffer	Shovel	select hardwoods	Yes - ICN		DF WRC	No	Monitor until free to grow	No effect on bank stability, leaf litter, nutrients, sediment filtering, short term loss of LWD and shade.
2000-2009	PC	2914420	72	HWC	F	5'	2640'	75'	30'	45'	both	II	Remove hardwoods to 30' buffer	Tractor	0	Yes - ICN		?	No	?	Bank stability and filtering minimally impacted
2000-2009	PC	29150998	14	HWC	F	10'	1100'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer	Rubber tired skidder	2	No		DF, shade tolerant conifer	No	Inspect annually to assure 150 TPA free to grow	No decrease in bank stability, shade, nutrient input or litter fall due to buffer. No decrease in LWD.
2000-2009	PC	2915912	21	HWC	F	10'	2200'	170'	70'	100'	Both	II	Remove hardwoods to 70' buffer	Rubber tired skidder/Shovel	0		ICN# 00456	DF, WRC at 360 TPA	No	Inspect annually to assure 150 TPA free to grow	No impact on bank stability, nutrient litter fall, or sediment filtering due to no cut buffer. LWD is adequate. There will be a decrease in shade.
2000-2009	PC	2917977	33	HWC	F	8'	1900'	170'	50'	120'	Both	II	Remove hardwoods to 50' buffer	Rubber tired skidder		Yes - ICN		DF WRC Spruce	No	None	No impact to bank stability, LWD, shade, and sediment filtering due to no cut buffer. Short term loss of litterfall and nutrients.
2000-2009	PC	2914004	25	HWC	F	8'	400'	170'	50'	120'	Both	II	Remove hardwoods to 50' buffer	Shovel	0	Yes - ICN		DF	No	?	No effect on bank stability, leaf litter, nutrient loading, sediment filtering because of no cut buffer. Short-term loss of shade and LWD
2000-2009	PC	2914004	25	HWC	F	8'	400'	90'	30'	60'	Both	V	Remove hardwoods to 30' buffer	Shovel	0	Yes - ICN		DF	No	?	No effect on bank stability, leaf litter, nutrient loading, sediment filtering because of no cut buffer. Short-term loss of shade and LWD
2000-2009	PC	2914004	25	HWC	F	11'	400'	90'	30'	60'	Both	V	Remove hardwoods to 30' buffer	Shovel	0	Yes+CN		DF	No	?	No effect on bank stability, leaf litter, nutrient loading, sediment filtering because of no cut buffer. Short-term loss of shade and LWD
2000-2009	PC	2917138	19	HWC	F	5'	1000'	25'	?	?	Both	V		skidder/shovel		Yes+CN		Natural Regeneration	No	None	ICN states - Long and short term riparian functions will be protected with very little, if any, negative impacts.
2000-2009	PC	2918334	6	HWC	F	15'	100'	170'	50'	120'	?	II	Remove hardwoods to 50' buffer	Rubber tired skidder	0	Yes		Conifer	No	Maintain seedlings until above competing vegetation	No impact on bank stability, LWD, nutrient input or sediment filtering because of 50' buffer, long term increase in LWD.
2000-2009	PC	2905194	32	HWC	F	10'	2050'	200'	50'	150'	?	I	Remove hardwoods to 50' buffer	Ground based	0	Yes		200 WH, 100 Spruce /acre	No	Vegetation management	Short term loss of LWD, minimal change of other riparian functions.
2000-2009	PC	2910451	45	HWC	F	5'	1,500'	170'	25'	145'	both	II	Remove hardwoods to 25' buffer	?	0	No	No	Interplant if stocking goes below 350 TPA	No	Tubing, brush control	No impact on bank stability, LWD, leaf litter, nutrient loading, sediment filtering, or shade.
2000-2009	PC	2914554	16	HWC	F	5'	1,860'	170'	25'	145'	?	II	Remove hardwoods to 25' buffer	Skidder	0	Yes		Df	No	?	Minor loss of LWD and shade. No impact on bank stability, sediment filtering, leaf litter/nutrient loading.

2000-2009	PC	2914554	16	HWC	F	5'	1.86	170'	25'	145'	?	II	Remove hardwoods to 25' buffer	Skidder	0	Yes		DF	No	?	Minor loss of LWD and shade. No impact on bank stability, sediment filtering, leaf litter/nutrient loading.	
3/31/2009 - 3/30/2010	PC	2920007	10	HWC	Type F	5'	400'	170'	30'	140'	?	II	Remove hardwoods to 30' buffer	rubber tired skidder		Yes	Yes	Doug fir, Cedar	no		No short or long term impacts to bank stability, nutrients, sediment filtering, shade. Even aged management may increase woody debris through blow	
		2920007	10	HWC	Type F	5'	400'	170'	30'	140'	?	II	Remove hardwoods to 30' buffer	rubber tired skidder		Yes	Yes	Doug fir, Cedar	No			
3/31/2010 - 3/30/2011	PC	2921115	8	HWC	Type F	10'	?	170'	70'	100'	One	II	Remove hardwoods to 70' buffer	tracked skidder shovel		Yes	Yes	Doug fir 350 TPA	no		A short term loss of shade and hardwood LWD recruitment, but would have long term gain from establishment of a conifer dominant stand. Litter fall and nutrient loading would not be significantly impacted as the majority of trees providing these functions would be left in the RMZ. Bank stability would be minimally impacted as the trees providing anchoring would be preserved	
		2922272	32	HWC	Type F	6'	1,200'	70'	35'	35'	Both	II	Remove hardwoods to 35' buffer.	tracked skidder, cable		Yes	Yes	Doug fir	no		Very little function now, long term improvement across the board	
3/31/2011 - 3/30/2012	PC	2922446	15	HWC	Type S	15'	800'	170'	30'	140'	One	II	Remove hardwoods to 30' buffer.	ground/cable		Yes	Yes	doug fir, 350/acre	no		Adding woody debris, leaving trees leaning toward stream, no cut buffer. All riparian functions maintained.	
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		Establishing a healthy conifer community. Short term loss of shade.	
3/31/2011 - 3/30/2012	PC	2922999	38	HWC	Type F	9'	1,500'	170'	50'	120'	Both	II	Remove hardwoods to 50' buffer.	ground		Yes	Yes	doug fir, 350/acre	no		Leaving large maples, all conifers. No reference to effect on riparian functions. Entire unit is in CMZ.	
3/31/2011 - 3/30/2012	PC	2924151	330	HWC	Type F	12'	?	170'	25'	145'	Both	II	Remove hardwoods to 25' buffer.	rubber tire skidder		Yes	Yes	doug fir, red alder, red cedar, 400/acre	No		Establishing healthy conifer stand Short term loss of shade	
		2924632	48	HWC	Type F	6'	2,400'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir, western red 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 - 3/30/2013	PC	2925110	49	HWC	Type F	5'	500'	30'	30'	0'	One	II	Remove hardwoods to 30' buffer.	rubber tired skidder/dozer		Yes	Yes	doug fir, western red cedar	No			
3/31/2012 - 3/30/2013	PC	2925178	30	HWC	Type F	12'	1,700'	90'	30'	60'	Both	V	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir, 350/acre	No			
3/31/2012 - 3/30/2013	PC	2925552	119	HWC	Type F	12'	700'	170'	30'	140'	One	II	Remove hardwoods to 30' buffer.	ground		Yes	Yes		No		Long term benefit	
3/31/2013 - 3/31/2014	PC	2926031	5	HWC	Type F	5'	170'	170'	50'	120'	One	II									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 & shade	
		2926296	60	HWC	Type F	11'	2,000'	30'	30'	0'	Both	II	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir, 350/acre	no		Long term benefit. All riparian functions maintained	
		2926296	60	HWC	Type F	7'	700'	30'	30'	0'	Both	II	Remove hardwoods to 30' buffer.			Yes	Yes	doug fir, 350/acre			Long term benefit. No reference to effect on riparian buffers.	
		2926296	60	HWC	Type F	7'	700'	30'	30'	0'	Both	II	Remove hardwoods to 30' buffer.	rubber tired or tracked skidder, dozer, shovel, leading end suspension		Yes	Yes	doug fir, 350/acre			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 & shade	
3/31/2013 - 3/31/2014	PC	2926833	40	HWC	Type F	11'	1,200'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer			Yes	Yes	doug fir	no			
3/31/2013 - 3/31/2014	PC	2927166	76	HWC	Type F	13'	2,000	30'	30'	0'	One	I	Remove hardwoods to 30' buffer.	ground	?	No	No	doug fir	no			BT
3/31/2013 - 3/31/2014	PC	2927815	330	HWC	Type F	6'	600'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	rubber tired skidder		Yes	Yes	doug fir	no			
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		No page 283 of Alternate Plan Form	
3/31/2012 - 3/30/2013	PC	2921688	8	Thin	Type F	10'	500'	128'	40'	88'	Both	II	Thin to 190 TPA to 40' buffer	processor/forwa rder and skidder		Yes	ID team noted but no document ation				Prescription favors the development of multi-level forest canopy which will provide for increasing levels of shade, bank stability, etc with time.	
		2924414	20	Thin	Type F	10'	1,000	170'	170'	0'	One	II	Harvest of over mature timber.	shovel		ID team noted but no document ation	No	Doug fir, western red cedar	No		Alder leaning toward stream to be left, establishment of healthy conifer	RMZ Width
		2924414	20	Thin	Type F	10'	1,000	170'	25'	146	One		Harvest of over mature timber to 25' buffer	shovel		ID team noted but no document ation	No	Doug fir, western red cedar				
		2924414	20	Thin	Type F	5'	1,200	170'	0'	0'	One		Harvest over mature timber to 0' buffer	shovel		ID team noted but no document ation	No	Doug fir, western red cedar			Minimal harvest (139 left, 35 removed). No impact on riparian functions.Short term loss of LWD & shade.	

3/31/2013-3/31/2014	PC	2926228	35	Thin	Type F	5'	700'	100'	50'	50'	Both	II	Harvest most dominant fir & cedar. Retain hardwoods	skidder, cat, excavator		Yes	Yes	doug fir, 350/acre	no				
3/31/2013-3/31/2014	PC	2928230	29	Thin	Type F	8'	2,600'	30'	30'	0'	Both	II	Thin smaller diameter trees, economic gain.	CTL processor, forwarder, hand fall, dozed with grapple, processor fall and dozer yard		Yes	Yes	doug fir	no		Short term loss of shade, long term improvement.Short term shade reduction & nutrient input.		
		2928230	29	Thin	Type F	6'	850'	30'	30'	0'	Both	II	Thin to 125-275 TPA to 30' buffer			Yes				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 & shade			
2000-2009	PC	2910803	22	Thin	F	10'	1,460'	140'	14'	126'	?	III	?	Skidder	0	No	No	none	No	none	Minor loss of LWD and shade. No impact on bank stability, sediment filtering, leaf litter/nutrient loading.	IDT	
BFW Greater than 15'																							
3/31/2013-3/31/2014	PC	2926343	106	HWC	Type F	20'	1,600'	170'	60'	110'	Both	II	Remove hardwoods to 60' buffer.	tractor, leading end suspension	?	Yes	Yes	doug fir, western red cedar	no		No change to riparian functions.		
2000-2009	PC	2918334	6	HWC	S	50'	400'	170'	50'	120'	?	II	Remove hardwoods to 50' buffer	Rubber tired skidder	0	Yes		Conifer	No	Maintain seedlings until above competing vegetation	increase in LWD, long term improvement in sediment filtering, stream stability. All riparian functions reduced for the short term		
2000-2009	PC	2910451	45	HWC	S	100'	3,500'	140'	30'	110'	both	III	Remove hardwoods to 30' buffer	?	0	No	No	Interplant if stocking goes below 350 TPA	No	Tubing, brush control		IDT	
2000-2009	PC	2910451	45	HWC	F	20'	1,200'	170'	25'	145'	both	II	Remove hardwoods to 25' buffer	?	0	No	No	Interplant if stocking goes below 350 TPA	no	Tubing, brush control		IDT	
2000-2009	PC	2914554	16	HWC	S	20'	1,860'	170'	50'	120'	?	II	Remove hardwoods to 50' buffer	Skidder	0	Yes		DF	No	?	Long term benefit. No loss of riparian functions		
3/31/2009 - 3/30/2010	PC	2920367	3	HWC	Type F	100'	300'	170'	0'	170'	One	II	Remove old dying and leaning hardwoods to 0' buffer	rubber tired skidder/shovel		Yes	Yes	Doug fir	no				
3/31/2009 - 3/30/2010	PC	2920384	26	HWC	Type F	100'	800'	140'	50'	90'	One	III	Remove hardwoods to 50' buffer	shovel/skidder		Yes	Yes	Doug fir, white pine; 400/acre	yes	Monitor until trees established; herbicides applied to maple, red alder slashed			
3/31/2010 - 3/30/2011	PC	2921117	50	HWC	Type F	20'	200'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer	tracked skidder		Yes	Yes	Doug fir	no		Sound, undamaged conifers left in the Inner Zone. Heavy leaning, sound, undamaged hardwood leaning toward the stream will be left. Long term improvement. No LWD input, reduced shade short term.		
		2921117	50	HWC	Type F	30'	200'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer	tracked skidder						no harvest on slope, no short or long term changes. No change in 5 RMZ functions			
3/31/2010 - 3/30/2011	PC	2921856	9	HWC	Type S	200'	2,500'	70'	60'	10'	One	II	Remove hardwoods to 60' buffer	tracked skidder/shovel		Yes	Yes	Doug fir, western red cedar, western hemlock; 450/acre	no		No impact on bank stability, LWD, leaf litter, nutrient loading, sediment filtering, or shade.		
		2921856	9	HWC	Type F	20'	500'	50'	35'	15'	One	V	Remove hardwoods to 35' buffer	tracked skidder/shovel		Yes		Doug fir, western red cedar, western hemlock; 450/acre	No		No impact on bank stability, LWD, leaf litter, nutrient loading, sediment filtering, or shade.		
	PC	2922903	75	HWC	Type S	60'	1,000'	90'	30'	60'	One	V	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre	no		Minor loss of LWD and shade. No impact on bank stability, sediment filtering, leaf litter/nutrient loading.		
3/31/2011 - 3/30/2012																				Currently no large woody debris and little shade, bank stability is not a factor as this 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 scenic area can only be seen as a major improvement.			
		2922903	75	HWC	Type S	60'	1,000'	200'	30'	170'	One	I	Remove hardwoods to 30' buffer.	ground		Yes	Yes	doug fir; 350/acre			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 where bank stability is good. Leaf litter and nutrient loading would be minimally impacted as the majority of trees currently providing those functions would be left in the buffer.		
3/31/2011 - 3/30/2012	PC	2922333	75	HWC	Type S	60'	1,400'	200'	30'	170'	One	I	Remove hardwoods & salvage log to 30' buffer. Harvest in wetland.	ground		Yes	Yes	doug fir; 350/acre	no				
		2922333	75	HWC	Type S	60'	1,500'	200'	30'	170'	Both	V	Remove hardwoods & salvage log to 30' buffer. Harvest in wetland.	ground		Yes		doug fir; 350/acre					
		2922333	75	HWC	Type S	60'	800'	90'	30'	60'	One	V	Remove hardwoods & salvage log to 30' buffer. Harvest in wetland.	ground		Yes		doug fir; 350/acre			Road moved away from stream		

		2922333	75	HWC	Type S	60'	800'	90'	30'	60'	One	V	Remove hardwoods & salvage log to 30' buffer. Harvest in wetland.	ground	Yes		doug fir; 350/acre			Leaving conifers within 128' of stream; all alder leaning toward stream and maples closest to stream. Short term loss of LWD & shade	
3/31/2011 - 3/30/2012	PC	2922725	9	HWC	Type S	50'	1,500'	170'	30'	140'	Both	II	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre	no		Leaving sound inner zone conifers and undamaged, hardwoods leaning toward stream. Short term loss of LWD & shade.	
3/31/2011 - 3/30/2012	PC	2922341	24	HWC	Type S	100'	850'	50'	50'	0'	One	II	Remove hardwoods to 50' buffer.	tracked skidder/shovel	Yes	Yes	doug fir; western red cedar; alder; hemlock; 400/acre	no			
3/31/2011 - 3/30/2012	PC	2922831	100	HWC	Type S	180'	6,000'	170'	145'	25'	One	II	Remove hardwoods to 145' buffer.	shovel	Yes	Yes	Grand fir; 400/acre	no		Meander creation, restoration of creek	
		2922903	75	HWC	Type S	60'	800'	200'	30'	170'	Both	I	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir; 350/acre				
3/31/2012 - 3/30/2013	PC	2925859	19	HWC	Type F	55'	1,000'	140'	50'	90'	One	III	Remove hardwoods & salvage log to 50' buffer. Salvage within wetland buffer.	dozer	Yes	Yes	western red cedar	yes	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 during the growing season; Fertilizer and lime is applied in the first quarter; Replanting as needed in first quarter.		
3/31/2012 - 3/30/2013	PC	2926031	5	HWC	Type F	30'	300'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer.	shovel/track	Yes	Yes	doug fir; 350/acre	no		No documentation	
3/31/2012 - 3/30/2013	PC	2924632	48	HWC	Type S	100'	700'	170'	30'	140'	One	II	Remove hardwoods to 30' buffer.	ground	Yes	Yes	doug fir, western red cedar; 350/acre	No			
		2926343	106	HWC	Type F	30'	600'	170'	75'	95'	One		Remove hardwoods to 75' buffer		Yes	Yes	doug fir, western red cedar	no		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 & shade	
3/31/2010 - 3/30/2011	PC	2921626	22.5	Thin	Type F	20'	350'	50'	50'	0'	One	II	Remove 21 trees for road location	shovel/track skidder	Yes	Yes	doug fir, alder, western red cedar	no			
3/31/2010 - 3/30/2011	PC	2921688	8	Thin	Type S	75'	1,500'	200'	40'	160'	One	II	Thin to 190 TPA to 40' buffer	processor/forwarder and skidder	Yes	Yes			No effect on bank stability, leaf litter, sediment filtering. Short-term loss of LWD and shade.		
		2921688	8	Thin	Type F	40'	660'	128'	40'	88'	One	II	Thin to 190 TPA to 40' buffer	processor/forwarder and skidder	Yes				No impact on bank stability shade, nutrient input or sediment filtering because of 50' buffer; long term increase in LWD.		
3/31/2013 - 3/31/2014	PC	2927363	20	Thin	Type F	20'	1,500'	145'	125'	20'	One	I	Harvest 11 trees in inner zone for landing.	shovel/tracked skidder	No	No	doug fir	no		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	IDT
Actual BFW Unknown																					
2000-2009	PC	2910540	40	Thin	S	>10'	200'	200'	14'	186'	both	I	Thin to 150-200 TPA	Skidder	No		None	No	None	No effect on bank stability, leaf litter nutrient loading, or sediment filtering. Short term loss of LWD and shade	IDT
2000-2009	PC	2910540	40	Thin	F	>10'	1300'	200'	?	?	both	I	Thin to 150-200 TPA	Skidder	No		None	No	None	No effect on bank stability, leaf litter nutrient loading, or sediment filtering. Short term loss of LWD and shade	IDT
3/31/2009 - 3/30/2010	PC	2919916	15	HWC	Type S	>10'	450'	140'	50'	90'	Both	III	Remove hardwoods to 50' buffer	tracked skidder shovel	Yes	Yes	Doug fir, Spruce, Red cedar	No		Employing large landowner hardwood prescriptions - 50' no harvest buffer	
		2919916	15	HWC	Type F	>10'	450'	90'	50'	40'	Both	V	Remove hardwoods to 50' buffer	tracked skidder shovel	Yes	Yes	Doug fir, Spruce, Red cedar	No			
3/31/2009 - 3/30/2010	PC	2920441	30	HWC	Type F	>10'	?	140'	25'	115'	Both	III	Remove hardwoods to 25' buffer	Shovel, cable	Yes	Yes	Hemlock	no		Planted hemlock will enhance riparian function as desired future condition. No-out 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	
3/31/2009 - 3/30/2010	PC	2920529	9.5	HWC	Type F	>10'	460'	86'	45'	41'	300' One 160' Both	?	Remove hardwoods to 45' buffer	Rubber tired/tracked skidder; shovel; suspension skid rd.	No	No	Doug fir; 200 to 300/acre	no		20 acre exempt; Current function poor; plan anticipates a Long term improvement	IDT
3/31/2011 - 3/30/2012	PC	2923962	9	HWC	Type F	>10'	326'	170'	50'	120'	Both	II	Remove hardwoods to 50' buffer.	skidder, dozer, shovel	Yes	Yes	doug and noble fir	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 skidder	Yes	Yes	red cedar, western hemlock; 350/acre	No		Long term benefit, No reference of effect on riparian functions	

3/31/2010-3/30/2011	PC	2920944	14	HWC	Type S	>10'	1,400'	90'	25'	65'	250' One 1150' Both	V	Remove hardwoods to 25' buffer	rubber tire skidder, dozer or shovel		Yes	Yes	Doug and grand fir, possibly red cedar or spruce	no	Annual seedling inspection	Current condition poor, Replacing dying alders with conifers will restore riparian function, brush left adjacent to stream	
3/31/2010-3/30/2011	PC	2922039	20	Thin	Type S	>10'	700'	170'	80'	90'	One	II	Thin to 80' buffer	shovel		Yes	Yes	Doug fir	no			
3/31/2010-3/30/2011	PC	2920810	3	HWC	Type F	<10'	?	150'	70'	80'	0	II	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	
		2922831	100	HWC	Type F	<10'	5,400'	170'	135'	35'	One	II	remove hardwoods to 135' buffer. Replace mixed species stand with 100% Doug Fir.	shovel		Yes		Grand fir; 400/acre				
3/31/2011-3/30/2012	PC	2923622	45	Thin	Type F	<10'	100'	0'	0'	0'	Both	III	100% Doug Fir.	cable, shovel. Tracked skidder		Yes	Yes	doug fir	no			
																				No cut buffer will provide bank stability, litter fall and nutrients, and sediment filtering. No conifers near stream to leave as LWD. Uncut trees in buffer will provide shade. Functions are protected because harvest is on north side of creek.		
2000-2009	PC	2916395	9	HWC	F	<10'	1000'	170'	30'-65'	110'-135'	One	II	Remove hardwoods to 30'-65' buffer	Shovel Skidder	0	Yes - ICN		DF 300 TPA	No	Manage brush until tree are free to grow		
2000-2009	PC	2904550	16	HWC	F	<10'	1180'	170'	50'	120'	One	II	Remove hardwoods to 50' buffer	Shovel tracked skidder	0	No		300 TPA DF	No	Monitor annually to free to grow	Decrease in shade, leaf litter fall,	IDT
2000-2009	PC	2904481	220	Thin	F	3'	7,000'	0	0	0	both	II	Thin to last row of trees along stream	Forwarder	?	Yes		None	No	None	Bank stability and surface erosion will be protected. Short term reduction in litter fall.Short term impact on shade and nutrients.	Stream width
2000-2009	PC	2904820	30	HWC	F	?	3,050'	170'	50'	120'	both	II	Remove hardwoods to 50' buffer	Feller buncher/skidder	?	No		Conifer 300 TPA	No	None	Short term impact on shade and LWD. No effect on bank stability or surface erosion because of harvest method. No effect on bank stability, LWD, leaf litter, sediment filtering because of 50' buffer.	Stream width
2000-2009	PC	2910710	6	Thin	S	?	?	170'	50'	120'	One	II	Thin to 50 TPA	Cable	?	No		Conifer/hardwood planting	Yes	Monitor for 7 years until free to grow	No effect on shade as this is the Columbia River.	Stream width
2000-2009	PC	2910003	74	HWC	F	?	1,287'	?	30'	?	both	III	Remove hardwoods to 30' buffer	Shovel	?	No	No	DF 360 TPA	No	?	Short term loss of LWD and shade, minimal change of other riparian functions.	IDT
2000-2009	PC	2910003	74	HWC	F	?	1,287'	?	30'	?	both	III	Remove hardwoods to 30' buffer	Shovel	?	No	No	DF 360 TPA	No	?	Short term loss of LWD and shade, minimal change of other riparian functions.	IDT
2000-2009	PC	2912464	10	HWC	Pond	Pond	80'	?	40'	?	One	?	Remove hardwoods to 40' buffer	Skidder	0	No	No	?	No	?	Short term impact to LWD and shade. No impact on bank stability, sediment filtering, leaf litter, nutrient input.	IDT
2000-2009	PC	2510869	21	HWC	F	?	2,425'	?	10'	?	?	II	Remove hardwoods to 10' buffer	?	?	No	No	DF	No	?	No impact to riparian functions except short term loss of shade.	IDT
3/31/2012-3/30/2013	PC	2924471	62	Thin	Type F wetlands	N/A	?	110'	100'	10'	N/A	IV	Habitat restoration around wetlands - 100' buffer	shovel/rubber tired skidder		No	USFWS & WDOH Assessment	Yes	none	No	Short term risks only. Short 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	western hemlock, doug fir	no			IDT