

Name of Reviewers

Region	WRIA	Year	Number
PC	27	15	0108
omment	Due Date		-

In Person

No Reply

Date Comment Received

Phone

DNR Office Summary

(For office use only)

INR.				24 4		
ONR: Geoff Crosby	a a			40-	2/48	
NDFW: Steve West	V			(h	J	
DOE: Rod Thysell	V			en	10/20/	5
^{Tribe:} Yakama					1-1-	V
Tribe: Cowlitz						
Tribe:						
Other:						
Other: Marty Acker					-	
DNR Concur		Non-concu				
ustification:						
ustification:						
	0.5ilo pla o sa		NDT2			
	Villenberg		Position NRT3		Dat	te06/05/2015

Non-concur

Email

Concur



Region	n Reference	Number-	DNR	Use Only
	WDIA	Vann		N7 h a.v.

Received Date

Read instructions prior to filling out

Water Type Modification Form (For changes to the Water Type Map) Organization name and address Telephone number * Proponent name Pre. ti Cosp Energy 825 NE Multarmah, Ste 1500 (503) 8/3-66/9 Kirk S. Naylor Email address Portland, OR 77232 Kirk, may for @ Pacificorp, con Organization name and address Telephone number Surveyor name (s) (503) 660-8760 chilton logging Inc. Joe Berry Email address 1760 DOWN River Dr. s berrye chilton logging ca Woodland, WA 9860 Check applicable boxes: [] *Adding streams/lakes [] Changing water type 1 *Removing streams/lakes (describe in box 16) Other. Describe M *Changing location of streams/lakes (describe in box 16) 4. *Legal Description (1/4, 1/4 Section, 1. *Water Segment ID 2. Name of Water 3. Tributary To Township, Range, EM) 1 M Mowin SW, SE Sec. 19 TGN, R3E (B 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on 04/28/15 Cowlitz 9. *Forest Practices Application Number(s) (if applicable) NW, NW Sec. 20, TEN, RSE 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) ID Team: (if you check this box attach ID team report)

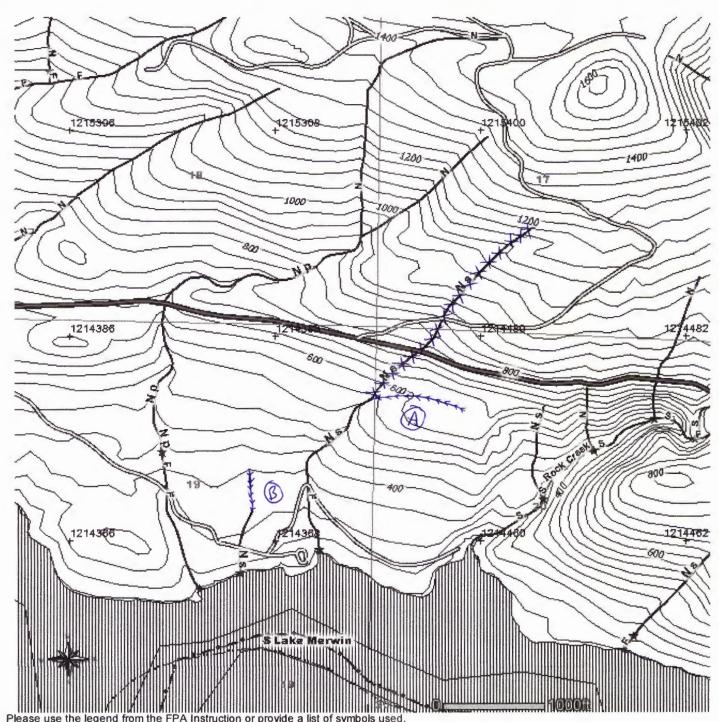
Visual observation (if you check this box fill out block 11-16) Random Measurements (If you check this box fill out block 11-18) [] incremental Measurements If you check this box fill out block 11-16) List species found (if known) No fish found Physical characteristics (If you check this box fill out block 11-16) [] Channel Is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: [] Below Normal () (Vormal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? Yes . No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx) if yes, describe:

	10 7 10 0100
12. Channel Characteristics (Use stream segment tally s	
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steenest gradient
Average gradient	Steepest gradient Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check all sheet.) 	ll boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information [] The end of harvest or property boundary	on)
[] The junction of two or more streams	
Do the Type F physical characteristics occur above s The uppermost point of perennial flow. (describe in block	
[] The last observed fish	,
[] The upper extent of proposed fish habitat	
[] Physical characteristics [] Other (describe):	
	the field and if available latitude and longitude of type break location:
Provide a description of water type break, now it is marked in	the neid and it available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	he surveyed stream segment(s)?
[] No. Continue to block 15	
1 Unable to access	
[] Unable to access [Yes. Mark box(s) below (for signant A)	
	drock chutes MOther (describe): PC 2 7 4 7 0 1 7 3
[] Natural Partiers. [] Fails [] Cascades [] Dec	TOOK Citates (describe). 1027/707/3
Enter the length, height and gradient of the natural barrier	
Length Height _	Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] if	Field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	he stream channel) or scouring events?
× No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
10 Deside any additional desifting information and the	tottoches also (august and
expert report and stationing)	t attachments: (survey cards, photos of type break, field notes,
Type break based on drx char	rne (
1 x pe los core	·

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 20

Application #: PC-27-15-0108



New Stream

XXXX Deleted Stream

4/21/2015, 1:57:31 PM **NAD 83** Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0110
Comment	Due Date		

DNR Office Summary

(For office use only)

Name of Reviewers	Concur	Non-concur	Date Comment Rece		t Received	eived	
			Email	Phone	In Person	No Reply	
DNR: Geoff Crosby	e				10-21-0	-	
WDFW: Steve West	V				(Su)		
DOE: Rod Thysell	i				03/19/20/15		
^{Tribe:} Yakama						~	
Tribe: Cowlitz							
Tribe:							
Other:							
Other: Marty Acker							
ffice reviewers name Mandie W	/illenberg	April 10 may 1 may	Position	IRT3	Da	6/8/2015	
roponent and reviewers notified of	by Mor	ulling (Name	1 (100)	on gon	10/22 (Da	115	



Region	n Reference l	Vumber- Di	VR Use Only
PC-	27-	15-	O TITO
Received	Date		

Water Type Modification Form

(For chang	ges to the Water Type				
* Proponent name		Orga	anization name a	and address	Telephone number
Kirk Naylor			Corp Energy		(503) 813-6619
Kit 5 Non	zh		NE Multnomah, Su and, OR 97232	ite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Orga	anization name a	and address	Telephone number
Joe Berry		Chilto	on Logging Inc.		(503) 660-8760
0 7			Down River DR		Email address
90/2		Wood	dland, WA 98674		jberry@chiltonlogging.com
], - , - , - , - , - , - , - , - , - , -
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la X *Changing location of	kes (describe in box 1		[] Other.	ng water type Describe	
1. *Water Segment ID	2. Name of Water	3. Tribut		_	escription (1/4, 1/4 Section,
111/		1 10	Mers.n	Township, Ra	ange, E/W)
W, V		Line		NENE	sec. 21, TGN, R3E
5. *County	6. Water Type Show	n on	7. Proposed W	ater Type	6. Date of Field Assessment
Clark	Map N		N_{S}		04/14/15
9. *Forest Practices Applie	cation Number(s) (if an	pplicable)			
10. Change is based on the	ne following (check all	that apply	v)		
Survey method: [] Electrofishing Protocol S [] ID Team: (if you check t [] Visual observation (if y [] Random Measurements [] Incremental Measurements	his box attach ID team rep ou check this box fill out (If you check this box fil	port) block 11-16 Il out block	6) 11-16)	mation in block	11-16 no need to fill in these blocks)
[] Fish found L [] No fish found [] Physical characteristics [] Channel is a public wate [] Channel is a fish hatche	er diversion	out block Dista Hatch	nce from diversior nery name		
[] Water feature does not	meet WAC 222-16-031 c		nce downstream f	rom hatchery	
	11001 1170 222 10 00 1 0	aciii iidori.			
Describe:					
11. Water levels in the su	rvey area were: [] Above N	Normal	[] Normal	[] Below Normal
Was there a drought warning	ng issued by the DNR?	[]Yes[]	No		
Document is located at (ht	tp://www.dnr.wa.gov/Bus	sinessPerr	nits/Topics/Forest	PracticesApplic	ations/Pages/fp_watertyping.aspx)
If yes, describe:					

PC-27-15-0110 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Narrowest bankfull width measurement Number of bankfull width measurements Widest bankfull width measurement_ Average bankfull width _____ Lowest gradient Steepest gradient Average wetted width Average gradient Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally sheet.) [] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No [] The uppermost point of perennial flow. (describe in block 16) [] The last observed fish [] The upper extent of proposed fish habitat [] Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe):____ Enter the length, height and gradient of the natural barrier you checked. Length____ Height ___ Gradient [] Temporary barriers (log jams) Man-made barriers, Describe: Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing)

Showing Streams in their correct location



Region	WRIA	Year	Number
DC	_0m	1 =	011
Received	-41	19.	- OII

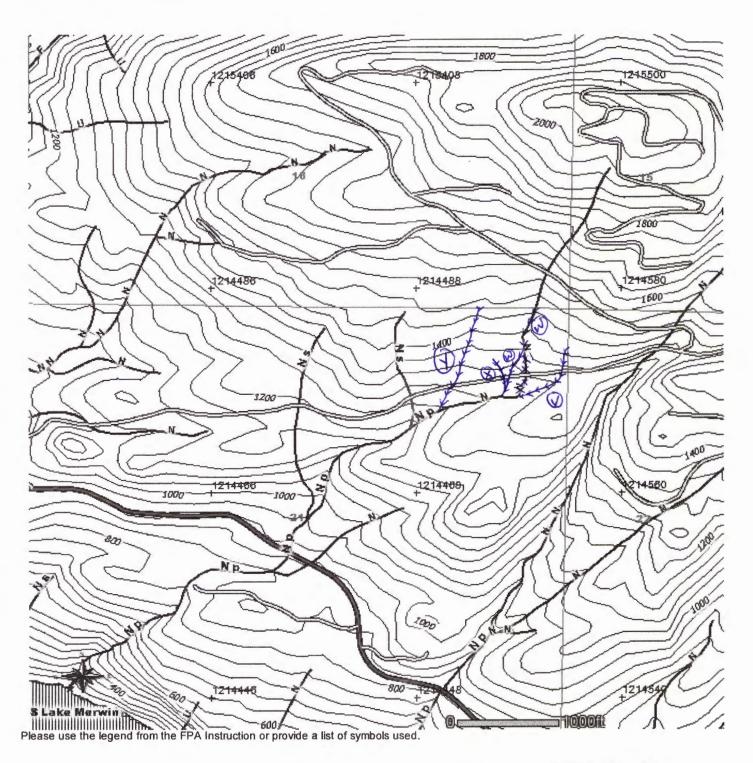
Water Type Modification Form
(For changes to the Water Type Man)

(FOI Chang	les to the water Type Ivid	ap)			
* Proponent name		Organi	zation name	and address	Telephone number
Kirk Naylor			rp Energy		(503) 813-6619
Wick 5 Nogle			Multnomah, Su , OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Organia	zation name	and address	Telephone number
Joe Berry		Chilton I	ogging Inc.		(503) 660-8760
0			wn River DR		Email address
In/E	>	Woodlar	nd, WA 98674		jberry@chiltonlogging.com
Check applicable boxes: *Adding streams/lakes *Removing streams/la *Changing location of streams/la 1. *Water Segment ID	kes (describe in box 16) streams/lakes (describe 2. Name of Water 3 6. Water Type Shown of Map	. Tributan	[] Other.	Township, Ra NE, NE /ater Type	escription (1/4, 1/4 Section, ange, E/W) Sec. 2 { TGN, R3E} 8. *Date of Field Assessment 0 4//5//5
[] ID Team: (If you check to a lift of the control	Survey (attach survey report his box attach ID team report ou check this box fill out blo (If you check this box fill out his lif you check this box fill out this species found (if known) (If you check this box fill out out of diversion any diversion meet WAC 222-16-031 defined the property of the control	t; if report a ck 11-16) ut block 11- Il out block t block 11- Distance Hatchen Distance nition.	16) 11-16) e from diversion y name_ e downstream	nfrom hatchery	
11. Water levels in the su	rvey area were: []	Above Nor	mal	[] Normal	[] Below Normal
Was there a drought warning					
Document is located at (ht lf yes, describe:	tp://www.dnr.wa.gov/Busine	essPermits	/Topics/Forest	PracticesApplication	ations/Pages/fp_watertyping.aspx)

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TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 21

Application #: PC-27-15-0110



4/21/2015, 2:32:39 PM NAD 83 Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0117
Comment	Due Date		

DNR Office Summary

(For office use only)

Name of Reviewers	Concur	Non-concur	Date Comment Receiv		t Received	eived	
			Email	Phone	In Person	No Reply	
DNR: Geoff Crosby	م				10-21-15		
WDFW: Steve West	V				(A)	-	
DOE: Rod Thysell	V				et 10/20/2	-	
Tribe: Yakama					110	/	
Tribe: Cowlitz						/	
Tribe:							
Other:							
Other: Marty Acker						V	
Office reviewers name_	/illenberg		N Position	IRT3	Da	6/9/201	
Proponent and reviewers notified of							



Region	WRIA	Year	Number
DC-	27-	15-	0110
LC.	RI	10_	OTIL

Water Type Modification Form (For changes to the Water Type Map) * Proponent name Organization name and address Telephone number Pacificorp Enny (5)3) 813 -6619 Kick S 825 NE Multronah, Ste 1500 Email address Portland oR 97232 Organization name and address Kirk, neylor & pacifico po Com Telephone number Surveyor name (s) Chilton Lugging Inc 1760 Down River Drive Email address iberive chilton logging. and Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] Other. Describe *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) Mcwin Sw, NE Sec. 20, 76N, R3E
on 7. Proposed Water Type 8. *Date of Field Assessment 5. *County 6. Water Type Shown on 05/01/15 Cowlitz *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known) [] No fish found Physical characteristics (If you check this box fill out block 11-16) [] Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Not in Correct Scation 11. Water levels in the survey area were: [] Above Normal Normal [] Below Normal Was there a drought warning issued by the DNR? () Yes (No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx)

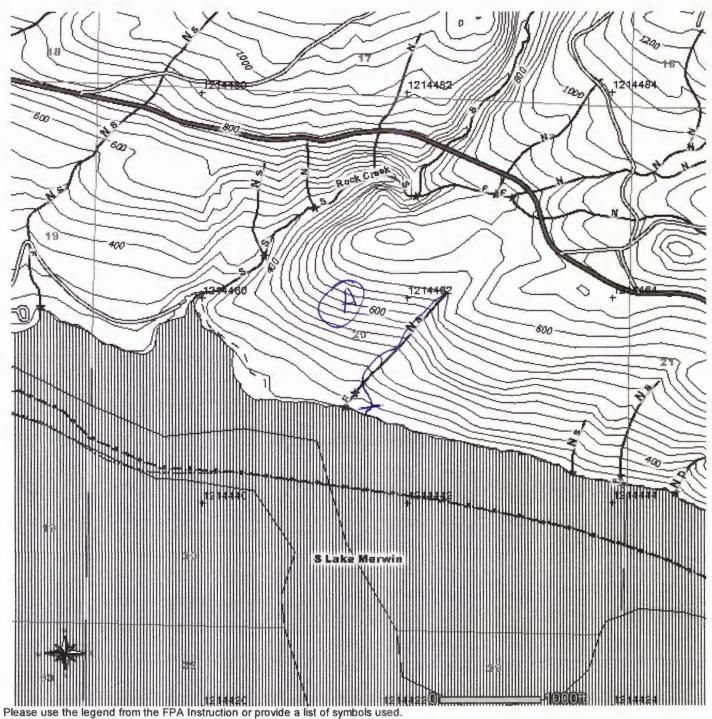
If yes, describe:

12. Channel Characteristics (Use stream segment tally sheet for multiple stream segre Number of bankfull width measurements Narrowest bankfull width measurement Widest bankfull width measurement Average bankfull width Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally sheet.) [] Protocol electrofishing survey (attached survey information)] The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No [] The uppermost point of perennial flow. (describe in block 16) [] The last observed fish []. The upper extent of proposed fish habitat M Physical characteristics [] Other (describe): Over 25% down to lake Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe):_ Enter the length, height and gradient of the natural barrier you checked. Length _____ Height ____ Gradient [] Temporary barriers (log jams) [] Man-made barriers, Describe: Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) ford to correct location.

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 20

PC-27-15-0117 Application #:_





5/29/2015, 1:06:55 PM **NAD 83** Contour Interval: 40 Feet



Name of Reviewers

Region	WRIA	Year	Number
PC	27	15	0111
Comment	Due Date		

Date Comment Received

DNR Office Summary

(For office use only)

		Email	Phone	In Person	No Reply
DNR: Geoff Crosby	0			10-21-15	
WDFW: Steve West				(A)	
DOE: Rod Thysell	1/			Ct woods	-
Tribe: Yakama				77	
^{Γribe:} Cowlitz					
Fribe:					
Other:					
Other: Marty Acker					
ustification:					
ustification:					

Non-concur

Concur



Region	WRIA	Year	Number
Dr	97	- 15	-011

Water Type Modification Form

* Proponent name		е Мар)				
Kirk Naylor		Pacifi	nization name : Corp Energy	,	Telephone number (503) 813-6619	
Kinh 5 Nay			E Multnomah, Sund, OR 97232	uite 1500	Email address kirk.naylor@PadfiCorp.com	
Surveyor name (s) loe Berry			nization name and Logging Inc.	Telephone number (503) 660-8760		
0-2		1760 Down River Woodland, WA 96		·	Email address jberry@chiltonlogging.com	
Action of the control	es lakes (describe in box 1 f streams/lakes (descri	ibe in box 1	[] Other.	ng water type Describe	escription (1/4, 1/4 Section	
T, N, M 5. *County		Lik	e Meruin	NE 14	inge, EW) Fee 26, TGN, R3E 8. *Date of Field Assessment	
5. *County Cowlitz	6. Water Type Show	vn on	7. Proposed W	ater Type	8. *Date of Field Assessment 04/15/15	
10. Change is based on	the following (check al	that apply).			
Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurement	Survey (attach survey re this box attach ID team re you check this box fill out to (If you check this box fi	port; if repor port) block 11-16) ill out block 1 ox fill out bloc	rt addresses infor	mation in block 1	1-16 no need to fill in these blocks	
Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem [] Fish found	Survey (attach survey real this box attach ID team real you check this box fill out to (if you check this box finents if you check this box fill the diversion the check this box fill the check the c	port; if report port) block 11-16) ill out block 1 ox fill out block wn) ll out block 1 Distan Hatch Distan	rt addresses infor (1-16) ck 11-16)	1		
Survey method: [] Electrofishing Protocol	Survey (attach survey re- to this box attach ID team re- you check this box fill out- ts (If you check this box fi- nents If you check this box List species found (if kno- s (If you check this box fil- ter diversion lery diversion	port; if report port) block 11-16) ill out block 1 ox fill out block wn) ll out block 1 Distan Hatch Distan	rt addresses infor (1-16) ck 11-16) 1-16) ce from diversion	1	1-16 no need to fill in these blocks)	
Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public was [] Channel is a fish hatch [] Water feature does not	Survey (attach survey rest this box attach ID team resyou check this box fill out its (If you check this box finents If you check this box List species found (if knows (If you check this box fill the diversion livery diversion to the meet WAC 222-16-031 of the diversion the control of the c	port; if report port) block 11-16) ill out block 1 ox fill out block wn) ll out block 1 Distan Hatch Distan	nt addresses information (11-16) ck 11-16) 1-16) ce from diversionery name ce downstream f	1		
Survey method: [] Electrofishing Protocol	Survey (attach survey rest this box attach ID team resyou check this box fill out to (if you check this box filents If you check this box filents species found (if knows (if you check this box fileter diversion lerry diversion to the team of the	port; if report port) block 11-16) ill out block 1 bit fill out block wn) Uout block 1 Distan Hatche Distan definition.	11-16) ck 11-16) 1-16) ice from diversionery name ice downstream f	rom hatchery		

Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
3. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	m)
The end of harvest or property boundary	")
[] The junction of two or more streams	
Do the Type F physical characteristics occur above so	urveved seament? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block	
[] The last observed fish	
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break loc
4. Are there any fish passage barriers downstream of th	e surveyed stream segment(s)?
Cable Conference to block 45	
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bed	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier	
Length neight	Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps [] F	ield observation
Describe location:	
	no observe shapped) or securing events?
5. Is there evidence of recent mass wasting (filling in the	ne stream channel) or scouring events?
	ne stream channel) or scouring events?
5. Is there evidence of recent mass wasting (filling in the	ne stream channel) or scouring events?
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
Is there evidence of recent mass wasting (filling in the state of	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel	conditions and fish distribution in the stream.
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list	conditions and fish distribution in the stream.
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
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5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no



Region	WRIA	Year	Number
DO.	07-	15-	011
Received	41	110	VII.

Water Type Modification Form

(For char	iges to the Water Type	Map)				
* Proponent name Kirk Naylor		Paci	Organization name and address PacifiCorp Energy 825 NE Multnomah, Suite 1500		Telephone number (503) 813-6619	
Kink SN	Kink S Nogh		Portland, OR 97232 Organization name and address Chilton Logging Inc. 1760 Down River DR Woodland, WA 98674		Email address kirk.naylor@PacifiCorp.com Telephone number (503) 660-8760 Email address	
ourveyor name (s) De Berry		Chil				
					jberry@chiltonlogging.com	
heck applicable boxes [] *Adding streams/lake [] *Removing streams/lat* Changing location of *Water Segment ID	s akes (describe in box 1	e in box	[] Other.		escription (1/4, 1/4 Section,	
Water Segment ID	2. Name or vvater	LLK	e Munin	4. "Legal De Township, Ra SE Nい	ange, EW) Sci 26, TGN, RPE 8. *Date of Field Assessment	
Cowlitz	6. Water Type Show Map	n on	7. Proposed W	later Type	8. *Date of Field Assessment 04/15/15	
[] ID Team: (if you check Visual observation (if [] Random Measurement [] Incremental Measurem	Survey (attach survey rep this box attach ID team rep you check this box fill out it is (if you check this box List species found (if know it (if you check this box fill er diversion ery diversion	ort; If reponent block 11-1(out block fill out block out block Dista Hatch	ort addresses infor i) 11-16) ock 11-16)		11-16 no need to fill in these blocks)	
11. Water levels in the s Was there a drought warn Document is located at (h	ing issued by the DNR	-	No	Normal PracticesApplica	Below Normal Ations/Pages/fp_watertyping.aspx)	
If yes, describe:						

	10 2.
12. Channel Characteristics (Use stream segment tally	sheet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steenest andiest
	Steepest gradient Average wetted width
Average gradient	
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check a sheet.) 	Il boxes that apply. For multiple segments use stream tally
[] Destaced electrofishing average (attrophed average informati	ion)
 Protocol electrofishing survey (attached survey information) The end of harvest or property boundary 	on)
1) The function of two or more streams	
Do the Type F physical characteristics occur above	OI I Champage beyond
[] The uppermost point of perennial flow. (describe in block	surveyed segment? [] res [] NO
1 The last observed fish	K 10)
[] The upper extent of proposed fish habitat	
Physical characteristics	
[] Other (describe):	
Provide a description of water type break, how it is marked in	n the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of t	the surveyed stream segment(s)?
1 The Anthony to block 45	
Mo. Continue to block 15	• *
[] Unable to access	
Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Be	drock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrie Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps []	Field observation
Describe location:	
Is there evidence of recent mass wasting (filling in	the stream channel) or scouring events?
≥ No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channe	conditions and fish distribution in the stream
Describe now these affected content sugain channe	CONDITIONS and Hor distribution in the Sociality.
	t attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	
- I whould Do shisica	Is. Stram grade increases over 25 to
I to prouve and	
1 sont 10 fout + a	wide seep in places upstrante
with no prois.	ls. strong grade increnses over 25% wide seep in places upstrand of
brenk.	



Region	Reference i	Number- Di	VR Use Only
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* Proponent name		Мар)			
rk Naylor		Pacil	Organization name and address PacifiCorp Energy 825 NE Multnomah, Suite 1500		Telephone number (503) 813-6619
chip 5 Nagha			and, OR 97232	Email address kirk.naylor@PacifiCorp.com	
Surveyor name (s) De Berry			Organization name and address Chilton Logging Inc. 1760 Down River DR Woodland, WA 98674		Telephone number (503) 660-8760
					Email address jberry@chiltonlogging.com
Check applicable boxes [] *Adding streams/lake [] *Removing streams/la [*Changing location of . *Water Segment ID	es akes (describe in box 1 f streams/lakes (describ	be in box	[] Other.	ing water type Describe	scription (1/4, 1/4 Section,
R		Lake	Merwin	Township, Ra	nge, EW) 1/4 Sec. 26, Thu, R3E 8. *Date of Field Assessment
5. *County	6. Water Type Show Map	n on	7. Proposed W		8. *Date of Field Assessment 04/15/15
9. *Forest Practices Appl	ication Number(s) (if a	pplicable)			
			y).		
[] Electrofishing Protocol [] ID Team: (If you check Visual observation (If] Random Measurement [] Incremental Measurem	this box attach ID team re- you check this box fill out: S (If you check this box fill ents If you check this box	port) block 11-16 Il out block x fill out blo	ort addresses info	rmation in block 1	1-16 no need to fill in these blocks)
[] ID Team: (If you check Visual observation (If Random Measurement Incremental Measurem Fish found No fish found Physical characteristics Channel is a fish hatched	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16)	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if grandom Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16) 11-16) nce from diversionery name	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if; [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatche [] Water feature does not	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16) 11-16) nce from diversionery name	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check Visual observation (if] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatcher [] Water feature does not Describe:	this box attach ID team re- you check this box fill out is (if you check this box fill ents if you check this box fill ents if you check this box fill the f	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses informations i) 11-16) ock 11-16) 11-16) nce from diversionery name_ nce downstream	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if; [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatche [] Water feature does not	this box attach ID team reyou check this box fill out is (if you check this box fill out is (if you check this box fill tents if you check this box fill ter diversion ery diversion in meet WAC 222-16-031 of the control of the contr	port) block 11-16 il out block x fill out block Dista Hatch Dista definition.	ort addresses information (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	nfrom hatchery	

12. Channel Characteristics (Use stream segment tally s	sheet for multiple stream segment information.)
	and the same of th
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check al sheet.) 	ll boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information [] The end of harvest or property boundary	on)
[] The junction of two or more streams Do the Type F physical characteristics occur above s	The state of the s
[] The uppermost point of perennial flow. (describe in block	k 16)
[] The last observed fish	
The upper extent of proposed fish habitat Physical characteristics	
Other (describe): Provide a description of water type break how it is marked in	the field and if available latitude and longitude of type break location:
Provide a description of water type break, now it is marked in	The lied and it available labitude and longitude of type break location.
14. Are there any fish passage barriers downstream of the	he surveyed stream segment(s)?
M No. Continue to block 15	
Unable to access Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bed	drock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	
[] Temporary barriers (log jarns) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps []	Field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in t	he stream channel) or scouring events?
No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
16. Provide any additional clarifying information and list	t attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	
Entire stream dries up in	summer, however, the Bost n600'd" support fish At -600', stream 40 feet, No fish habitat above
I un to Lake Merwin Con!	of support out Ho 1600, sheim
down to over 50% for	40 feet. No tish hib. that above
Climes	
brenk.	



Region	WRIA	Year	Number
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	ges to the Water Type	Mani			
* Proponent name Kirk Naylor		Org Pacif 825 I	anization name iCorp Energy NE Multnomah, Sand, OR 97232		Telephone number (503) 813-6619 Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry	5	Chilte 1760	anization name on Logging Inc. Down River DR dland, WA 98674	and address	Telephone number (503) 660-8760 Email address jberry@chiltonlogging.com
heck applicable boxes: *Adding streams/lakes *Removing streams/lal *Changing location of streams/lal *Water Segment ID	kes (describe in box 1 streams/lakes (describ	e in box	[] Other. 16)	ing water type Describe 4. *Legal De Township, Ra	scription (1/4, 1/4 Section, nge, E/W)
5. *County	6. Water Type Show Map	n on	7. Proposed W	4	nge, EW) Sec. 26 TGN, R3E 8. *Date of Field Assessment 04/15/15
[] ID Team: (If you check to [] Visual observation (If you [] Random Measurements [] Incremental Measureme	this box attach ID team repour check this box fill out if you check this box fill ents. If you check this box fill ist species found (if know (if you check this box fill or diversion)	oort) block 11-16 f out block x fill out block vn) out block Dista	1) 11-16) ock 11-16)		1-16 no need to fill in these blocks)
[] Water feature does not r Describe:		Dista	nce downstream	from hatchery	

	10 N 10 10
12. Channel Characteristics (Use stream segment tally st	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	
Average gradient	Steepest gradient Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
Ponds and impoundments >0.5 acre [] Tes [] No	Number of protocol pools
 The water type break was determined by: (Check all sheet.) 	boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information	7)
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above su	irveyed segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block	16)
[] The last observed fish	
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
Other (describe):	
	the field and if available latitude and longitude of type break location:
yp Joseph Market	
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
I No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Tes. Walk box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedr	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in th	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel of	conditions and fish distribution in the stream.
	attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	of ford is constituted
As of os/oils, stream &	north of road is Completely dry.
	the state of the s
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Region	WRIA	Year	Nun	iber	
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	r pe modification Form ages to the Water Type				
* Proponent name Kirk Naylor Kirk S Na	-fe	Pac 825	ganization name a ifiCorp Energy NE Multnomah, St dand, OR 97232		Telephone number (503) 813-6619 Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry	The second secon	-	janization name aton Logging Inc.	and address	Telephone number (503) 660-8760
9-7	3		Down River DR odland, WA 98674		Ernail address jberry@chiltonlogging.com
Check applicable boxes [] *Adding streams/lake [] *Removing streams/la *Changing location of 1. *Water Segment ID	s akes (describe in box 1	be in box	[] Other.	ing water type Describe 4. *Legal De	escription (1/4, 1/4 Section,
7		Lah	a Merwin	Township, Re	ange, EM) Scc., 26, 76N, R 3E 8. *Date of Field Assessment
5. *County Cowlitz	6. Water Type Show	n on	7. Proposed W	later Type	8. *Date of Field Assessment 04/15/15
9. *Forest Practices Appl					
10. Change is based on a Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem	Survey (attach survey reg this box attach ID team re you check this box fill out s (If you check this box fil	port; If rep port) block 11-1 Il out block	oort addresses infor 6) c 11-16)	mation in block 1	11-16 no need to fill in these blocks)
[] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatch [] Water feature does not	er diversion ery diversion	out block Dista Hato Dista	11-16) ance from diversion thery name ance downstream f		
Describe:					
11. Water levels in the s] Above		[] Normal	⊠ Below Normal
Was there a drought warning Document is located at (half yes, describe:				PracticesApplice	ations/Pages/fp_watertyping.aspx)

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements___ Narrowest bankfull width measurement Average bankfull width _ Widest bankfull width measurement Lowest gradient Steepest gradient Average wetted width Average gradient Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally [] Protocol electrofishing survey (attached survey information) The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No The uppermost point of perennial flow. (describe in block 16) The last observed fish The upper extent of proposed fish habitat Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe): Enter the length, height and gradient of the natural barrier you checked. Length _ Height ___ [] Temporary barriers (log jams) Describe: [] Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) Stream dries up in summe. Moved to correct location.



Region	WRIA	Year	Number.
PC-	-27-	15	-011

Water Type Modification Form
(For changes to the Water Type Map

* Proponent name Kirk Naylor Kirk S) aylon	Organiz PacifiCon 825 NE M		and address uite 1500	Telephone number (503) 813-6619 Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry	3	Chilton Lo	ation name a ogging Inc. on River DR d, WA 98674	and address	Telephone number (503) 660-8760 Email address jberry@chiltonlogging.com
Check applicable boxes: A*Adding streams/lake A*Removing streams/la A*Changing location of *Water Segment ID	s akes (describe in box 16) streams/lakes (describe	in box 16)	[] Other.		
K		Lake 1	howin	SE NE	Sec 26, Thu R7E
5. *County Cowl+2	6. Water Type Shown	on 7.	Proposed W	/ater Type	ange, EM) Sec 26, TGN, R3E 8. *Date of Field Assessment
[] ID Team: (If you check [] Visual observation (If y [] Random Measurements [] Incremental Measurement [] Fish found [] No fish found	this box attach ID team reportion check this box fill out blos (If you check this box fill of ents. If you check this box fill of its species found (if known). (If you check this box fill of er diversion.	ock 11-16) out block 11-1 ill out block 1) ut block 11-1 Distance Hatchery	6) 1-16) from diversion	n	11-16 no need to fill in these blocks)
[] Channel is a fish hatche	meet WAC 222-16-031 def		downstream t	from hatchery_	
	meet WAC 222-16-031 def			[] Normal	₩ Below Normal

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements_ Narrowest bankfull width measurement_ Widest bankfull width measurement Average bankfull width _ Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally sheet.) [] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No [] The uppermost point of perennial flow. (describe in block 16) The last observed fish [] The upper extent of proposed fish habitat Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? I No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe): Enter the length, height and gradient of the natural barrier you checked. Height [] Temporary barriers (log jams) [] Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) the Calling stream on "N" because theres not enough evidence to indicate Np or Ns



Region	WRIA	Year	Number
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eceived	21	To	-UII

Water Type Modification Form (For changes to the Water Type Map)

(I OI CITAIT	ges to the water Type I	MIGH!			
* Proponent name Kirk Naylor		Org	anization name	and address	Telephone number (503) 813-6619
Kill 5 Not	, le-		NE Multnomah, Si land, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry		Chilt	anization name a	and address	Telephone number (503) 660-8760
00/8		1	Down River DR Idland, WA 98674		Email address jberry@chiltonlogging.com
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la] *Changing location of	s ikes (describe in box 16	3) e in box 3. Tribu	[] Other.		escription (1/4, 1/4 Section,
P	_	Lake	. Merwin	Township, R	
5. *County	6. Water Type Showr	on .	7. Proposed W		8. *Date of Field Assessment
[] ID Team: (if you check to [] Visual observation (if yo [] Random Measurements [] Incremental Measurement [] Fish found L	this box attach ID team reproduction this box fill out be (if you check this box fill	ort) lock 11-1 out block fill out bl	6) (11-16)	mation in block	11-16 no need to fill in these blocks)
No fish found Physical characteristics Channel is a public wate Channel is a fish hatcher	er diversion	Dista	11-16) ance from diversion hery name		
[] Water feature does not Describe:	meet WAC 222-16-031 de				
11. Water levels in the su		Above I		[] Normal	[X] Below Normal
				PracticesApplic	ations/Pages/fp_watertyping.aspx)

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements Narrowest bankfull width measurement Widest bankfull width measurement Average bankfull width _ Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools_ 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally [] Protocol electrofishing survey (attached survey information) The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No) The uppermost point of perennial flow. (describe in block 16) [] The last observed fish The upper extent of proposed fish habitat] Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe):_ Enter the length, height and gradient of the natural barrier you checked. [] Temporary barriers (log jams) Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) 26% + grade from Lake to stream creates barrier for fish, therefore, "N" the entire stream. Not enough evidence to change to "Np" or "Ns".



Region Reference Number- DNR Use Only

Region PC-27 - 15 - 011.

Received Date

Read instructions prior to filling out

Water Type Modification Form

(For changes to the Water Type Map) Organization name and address Telephone number (52) 813 -66/9 825 NE Maltramb, Ste 1500 **Email address** Kisk S. Haylor Surveyor name (s) Joe Barry Portland, OR 97232 Kirk, mylore preshiverpe Con Organization name and address Telephone number (58) 660 -8760 1760 Down River Dr. Email address Woodhad WA 98674 sherrye chilton/syging, com

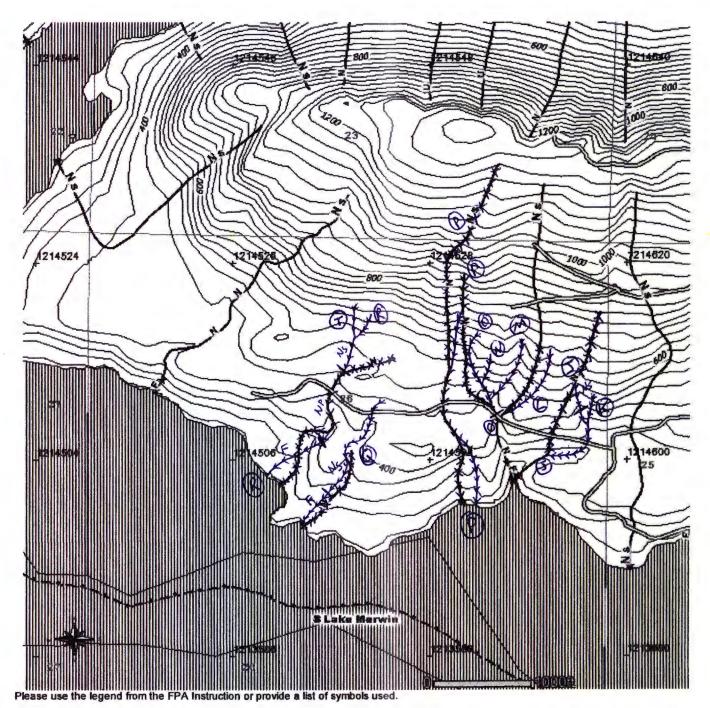
Water Segment ID	2. Name of Water	3. Tributary To Leke Mervin	Township, Ra	scription (1/4, 1/4 Section, nge, E/W)
*County	6. Water Type Sho Map	own on 7. Proposed V	Vater Type	8. *Date of Field Assessment O4/Is/Is
*Forest Practices App				
. Change is based on urvey method:	the following (check	all that apply).		
] Visual observation (II] Random Measuremen] Incremental Measurer] Fish found] No fish found	its (If you check this box	t fill out block 11-16) box fill out block 11-16)		
	s (If you check this box		n	
	iter diversion	Distance from diversion		
] Physical characteristic] Channel is a public we] Channel is a fish hatcl		Hatchery name		
] Channel is a public wa	hery diversion	Hatchery name		
Channel is a public we Channel is a fish hatch	hery diversion	Hatchery name		

	10 81 10
12. Channel Characteristics (Use stream segment tally segments	heet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	n)
The end of harvest or property boundary	
The junction of two or more streams	
Do the Type F physical characteristics occur above so	inveved segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block	
The last observed fish	
The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of th	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
	the state of the s
[] Natural barriers: [] Falls [] Cascades [] Bed	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier	you checked
Length Height	
cerigotrieignt	OI BURNIN.
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps [] F	Held observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
1 Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream
Describe now trese arrected content stream criainter	CONTROL OF CONTROL OF THE CONTROL OF CONTROL
 Provide any additional clarifying information and list expert report and stationing) 	attachments: (survey cards, photos of type break, field notes,
and a second and a second and a	0 1 1 0 1
Corrected location. Stream	is dry as of O4/15/15 for last
1 1 1 1	
25-400 Stretch.	
) 1 0 v	

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 26

Application #: PC-27-15-0111



John brank

4/21/2015, 3:01:40 PM NAD 83 Contour Interval: 40 Feet



Name of Reviewers

Region	WRIA	Year	Number
PC	27	15	0113
Comment	Due Date		

In Person

No Reply

Date Comment Received

Phone

DNR Office Summary

(For office use only)

Concur

Non-concur

Email

DNR: Geoff Crosby	0				10-21-1	5
WDFW: Steve West	V				P	
DOE: Rod Thysell	V				CF 10/20	4
Tribe: Yakama					1	V
Tribe: Cowlitz	-		+ -		5m 5a	
Tribe:						
Other:						
Other: Marty Acker						
DNR Concur	При	R Non-concu	ır			
Office reviewers nameMandie Wille	nberg		Position _	IRT3		Date 6/8/2015



Region	WRIA	Year	Number
DC	Or -	4 ~	0
LC.	41	15	011:

Water Type Modification Form

(FUI CHAIL)	jes to the water Type wit	ap)						
* Proponent name			anization name	and address	Telephone number			
Kirk Naylor	/		fiCorp Energy	uito 1500	(503) 813-6619			
Kinh S Non	y h		NE Multnomah, S and, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com			
Surveyor name (s)		Org	anization name	and address	Telephone number			
Joe Berry		Chilt	on Logging Inc.		(503) 660-8760			
()	72		Down River DR		Email address			
0		Woo	dland, WA 98674		jberry@chiltonlogging.com			
Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] Other. Describe [] *Changing location of streams/lakes (describe in box 16) [] *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) **Legal Description (1/4, 1/4 Section, Township, Range, E/W)								
				Township, Ra	inge, E/VV)			
5. *County	6. Water Type Shown of	20	7. Proposed V	Voter Type	8. *Date of Field Assessment			
Clark	Map //s	JII	7. Floposed V	valer Type	04/15/15			
9. *Forest Practices Applic		icable)			0-711311			
o. Torout Tuotious Applic	addit (valido) (ii appi	ioubic)						
40.01	- C. H							
10. Change is based on the	ie following (check <u>all</u> tha	at appi	у).					
Survey method: [] Electrofishing Protocol S [] ID Team: (If you check to [] Visual observation (If you check to [] Random Measurements [] Incremental Measureme	his box attach ID team report ou check this box fill out blo (If you check this box fill ou	t) ck 11-1(ut block	6) 11-16)	rmation in block 1	11-16 no need to fill in these blocks)			
[] Fish found Li	ist species found (if known)							
No fish found Physical characteristics Channel is a public wate Channel is a fish hatche	(If you check this box fill ou	t block Dista Hatcl	11-16) Ince from diversion Ince name Ince downstream					
[] Water feature does not r	neet WAC 222-16-031 defin	nition.	nice downsacani	Tom Hatonery				
Describe:								
11. Water levels in the su	rvey area were: [] /	Above 1	Normal	[] Normal	[] Below Normal			
Was there a drought warning	ig issued by the DNR? []	Yes []	No					
Document is located at (htt	p://www.dnr.wa.gov/Busine	essPerr	mits/Topics/Forest	PracticesApplica	ations/Pages/fp_watertyping.aspx)			
If yes, describe:								

12. Channel Characteristics (Use stream segment tally sh	eet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all t	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above sur	
[] The uppermost point of perennial flow. (describe in block 1	(6)
[] The last observed fish [] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
	he field and if available latitude and longitude of type break location:
Trondo d description of water type shear, new trie marked in a	no nota and in available laurage and longitude of type break results.
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Notice basisses [] Falls [] Consider [] Bade	ask shirtes (1.1 Other (describe))
[] Natural barriers: [] Falls [] Cascades [] Bedro	ock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier y	rou checked.
	Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Fi	eld observation
Described to the second	
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[]110	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel of	conditions and fish distribution in the stream.
	attachments: (survey cards, photos of type break, field notes,
strerm Chrindizes but disap No evidence of it going sub	ears 200' before the lake.
No evidence of it going sub	ssurface.
*	



Region	Reference N	lumber- Dl	VR Use Only
Region	WRIA	Year	Number
PC-	27-	15-	0113
Received	Date		

Water Type Modification Form
(For changes to the Water Type Map)

(I UI UIIaliy	Jes to the water Type Me	(P)		
* Proponent name		Organization	name and address	Telephone number
Kirk Naylor		PacifiCorp Ene	ergy	(503) 813-6619
11:10	0	ł	mah, Suite 1500	Email address
Kish S N.	ughu	Portland, OR 9	7232	kirk.naylor@PacifiCorp.com
Surveyor name (s)		Organization	name and address	Telephone number
Joe Berry		Chilton Loggin	g Inc.	(503) 660-8760
		1760 Down Riv		Email address
Ja 72		Woodland, WA	98674	jberry@chiltonlogging.com
0 . 1				jberry@crintornoggirig.com
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la Changing location of	kes (describe in box 16)	[]	Changing water type Other. Describe	
1. *Water Segment ID	2. Name of Water 3.	Tributary To	4. *Legal D	Description (1/4, 1/4 Section,
6		1 1. he	Township, F	Range, E/W)
G		- ne mo	SE, SE	Range, E/W) Sec. 25, TbN, R3E
5. *County	6. Water Type Shown of	n 7. Prop	osed Water Type	8. *Date of Field Assessment
Clark	Map Ns		Vc	04/15/15
9. *Forest Practices Applie	cation Number(s) (if appli	cable)		
10. Change is based on the	ie following (check <u>all</u> tha	it apply).		
[] ID Team: (If you check t [] Visual observation (If y [] Random Measurements	his box attach ID team report ou check this box fill out bloc (If you check this box fill ou) :k 11-16) t block 11-16)	ses information in block	11-16 no need to fill in these blocks)
[] Incremental Measureme	ents If you check this box fill	out block 11-16)		
	ist species found (if known)			
[] No fish found	(If you check this box fill out	block 11-16)		
[] Channel is a public water		Distance from	diversion	
[] Channel is a fish hatche		Hatchery name)	
[] Water feature does not a	meet WAC 222-16-031 defir		stream from hatchery_	
	fieet VVAC 222-10-031 delli	ildon.		
Describe:				
				- 1
11. Water levels in the su	rvey area were: [] A	bove Normal	[] Normal	[] Below Normal
Was there a drought warning	ng issued by the DNR? []	res [] No		
Document is located at (ht	tp://www.dnr.wa.gov/Busine	ssPermits/Topic	s/ForestPracticesAppli	cations/Pages/fp_watertyping.aspx)
If yes, describe:		,		
,,				

	10 %1 10 0110
12. Channel Characteristics (Use stream segment tally sheet	et for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check all bo sheet.) 	xes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary [] The junction of two or more streams	
Do the Type F physical characteristics occur above surve [] The uppermost point of perennial flow. (describe in block 16) [] The last observed fish	
The upper extent of proposed fish habitat Physical characteristics Other (describe):	
	e field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the s	surveyed stream segment(s)?
[] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedroc	k chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier you Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field	d observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	etream channel) or scouring events?
	stream channely or scouring events:
[] No	
[] Yes. Estimate when the event occurred	nditions and fish distribution in the stream.
 Provide any additional clarifying information and list att expert report and stationing) 	
Showing stream in its correct	location



	er
PC-27+15+01	15

Water Type Modification Form (For changes to the Water Type Map)

* Proponent name Kirk Naylor		Pacif	Organization name and address PacifiCorp Energy		Telephone number (503) 813-6619		
Kish S Na	gh.	1	NE Multnomah, Su and, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com		
Surveyor name (s) Joe Berry		Chilto	anization name a on Logging Inc.	and address	Telephone number (503) 660-8760		
0-75			Down River DR dland, WA 98674		Email address jberry@chiltonlogging.com		
Check applicable boxes: Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] *Changing location of streams/lakes (describe in box 16)							
1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section Township, Range, E/W) 5E, SE See 25, Township					escription (1/4, 1/4 Section, ange, E/W) See 25 TGN, RSE		
5. *County	. *County 6. Water Type Shown on 7. Proposed Water Type				8. *Date of Field Assessment 04/15/15		
9. *Forest Practices Applic							
10. Change is based on the following (check <u>all</u> that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16)							
[] Fish found List species found (if known)							
Describe:							
11. Water levels in the su	rvey area were: [] /	Above N	Vormal	[] Normal	[] Below Normal		
Was there a drought warning	g issued by the DNR? []	Yes []	No				
Document is located at (httl://displays.com/describe:	p://www.dnr.wa.gov/Busine	essPern	nits/Topics/Forest	PracticesApplica	ations/Pages/fp_watertyping.aspx)		



Region	Reference I	Number-	DNR Use Only
Region	WRIA	Year	Number
			-

PC-27-15-0113
Received Date

Read instructions prior to filling out

Water Type Modification Form

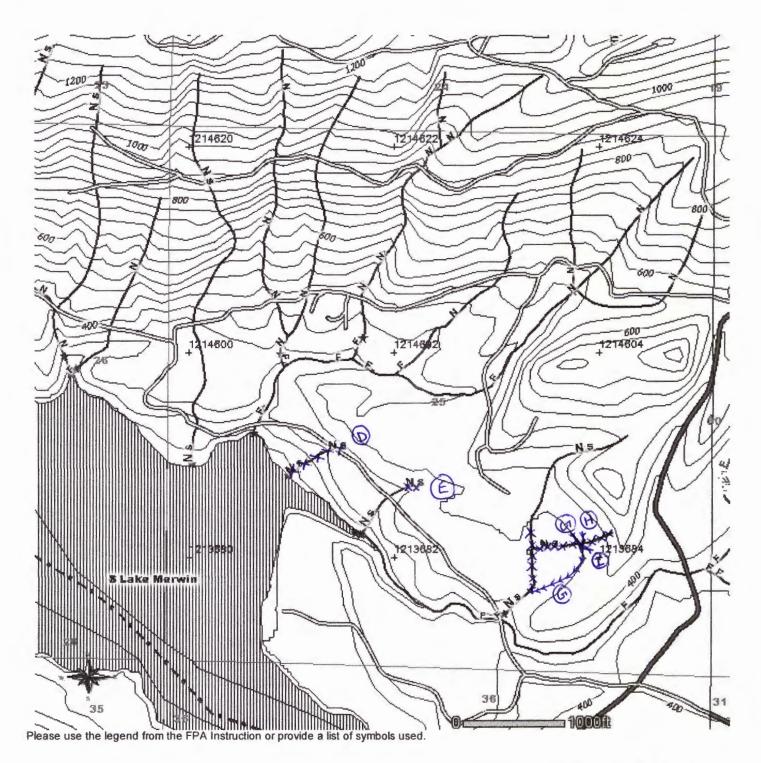
	ges to the Water Type						
* Proponent name		Org	anization name	and address	Telephone number		
Kirk Naylor		Pacit	fiCorp Energy		(503) 813-6619		
Kinh S Nay	N auch 825 NE Multnomah, Suite 1			uite 1500	Email address		
1 0 mm		Porti	and, OR 97232		kirk.naylor@PacifiCorp.com		
Surveyor name (s)		Ora	anization name	and address	Telephone number		
				and address	(503) 660-8760		
Joe Berry		1	on Logging Inc.				
(fre 7	2_		Down River DR		Email address		
		VVOO	dland, WA 98674		jberry@chiltonlogging.com		
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/lakes (describe in box 16) [] Other. Describe [] Other. Describe 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section,							
1. Water oegment ib	2. Idanic of Valor			Township, R			
E		LAK	Mowin		See. 25, TGN, R3E		
5. *County	6. Water Type Show	wn on	7 Proposed M		8. *Date of Field Assessment		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
	1/5		N ₅		09/11/13		
*Forest Practices Applic	cation Number(s) (if a	applicable)					
10. Change is based on th	e following (check al	I that anni	w)		204		
[] ID Team: (If you check to [] Visual observation (If you [] Random Measurements [] Incremental Measureme	his box attach ID team re ou check this box fill out (If you check this box f ints If you check this box	eport) t block 11-16 ill out block ox fill out bl	6) 11-16)	rmation in block	11-16 no need to fill in these blocks)		
[] Fish found List species found (if known)							
[] Water feature does not r	meet WAC 222-16-031		noo downou cam				
Describe:							
Describe.							
11. Water levels in the su	rvey area were:	Above !	Normal	[] Normal	[] Below Normal		
Was there a drought warning	ng issued by the DNR?	[]Yes []	No				
Document is located at (ht	tp://www.dnr.wa.gov/Bu	sinessPerr	nits/Topics/Forest	tPracticesApplic	ations/Pages/fp_watertyping.aspx)		
If yes, describe:				1,000			
100, 4000/100.							

12. Channel Characteristics (Use stream segment tally sh	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	7)
[] The end of harvest or property boundary [] The junction of two or more streams	
Do the Type F physical characteristics occur above su	rveyed segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block [] The last observed fish	16)
[] The upper extent of proposed fish habitat	
Physical characteristics	
[] Other (describe):	the field and if available letitude and lengitude of time break legation
	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
No. Continue to block 15	
[] Unable to access [] Yes. Mark box(s) below	
	to the short of 1 Others (december)
[] Natural barriers: [] Falls [] Cascades [] Bedr	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	you checked. Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	rield observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	conditions and fink distribution in the streets
Describe how these affected current stream channel	conditions and fish distribution in the stream.
evnert report and stationing)	attachments: (survey cards, photos of type break, field notes,
Deleting a small portion of str	um segment that down't exist.

CIVEOLI INVOLICE VOLIMILI MIVI

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 265

Application #: **PC-27-15-0113**



4/21/2015, 2:33:12 PM NAD 83 Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0114
omment	Due Date		

DNR Office Summary

(For office use only)

	Concur	Non-concur	D	ate Commer	t Received	
			Email	Phone	In Person	No Reply
DNR: Scott Hancock	V					
WDFW: Sam Kolb	V				8-20-15	
DOE: Rod Thysell	7-13-15		-			
Tribe: Yakama	7.5					/
^{Tribe:} Cowlitz						
Tribe:						
Other:						
Other: Marty Acker						

CHANDLER, BRUCE (DNR)

From:

HANCOCK, SCOTT (DNR)

Sent:

Thursday, August 06, 2015 1:51 PM

To:

DNR RE FPAN-PC

Subject:

FW: Water Type Modification Requests

Below is the email from Rod Thysell concurring with these five WTMF's. Thanks

<PC-27-15-0068.pdf>

<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>

<PC-28-15-0065.pdf>

<PC-28-15-0099.pdf>

From: Thysell, Rod (ECY)

Sent: Monday, July 13, 2015 2:27 PM

To: HANCOCK, SCOTT (DNR)

Cc: Kolb, Samuel S (DFW); Greg Morris (morg@yakamafish-nsn.gov); martin acker@fws.gov; Shannon Wills

Subject: Re: Water Type Modification Requests

I've reviewed these 5 WTMs Scott and I concur with them.

Thanks,

Rod

Sent from my iPhone

On Jul 8, 2015, at 11:48 AM, HANCOCK, SCOTT (DNR) < SCOTT.HANCOCK@dnr.wa.gov > wrote:

Hello-

I am trying to clean up some Water Type Modification Requests since we won't be meeting as group for a while. Please review the attached requests and let me know if you concur, would like to do a site visit or have any comments. All five of these look pretty straight forward to me, adding, removing and changing the location of streams. Please take a look and get back to me by July 24th. Thanks

Scott Hancock

Forest Practices Forester, Washougal Unit

Pacific Cascade Region

Washington State Department of Natural Resources (DNR)

Office: 360-577-2025 Cell: 360-608-9294

<PC-27-15-0068.pdf>

<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>



Region	WRIA	Year	Number
DA	-97	. 15	011/
	-21	TO	OTT

[] Below Normal

[] Normal

Read instructions prior to filling out

Water Type Modification Form (For changes to the Water Type Map) * Proponent name Organization name and address Telephone number PrintiCorp Energy 825 NE Multmond, Ste 1500 (503) 913 - 6619 Email address Kick S NAYlor Portland, OR 97232 Kirk, naybor Priticorp, com Organization name and address Surveyor name (s) Telephone number (50) 660 -8 760 Chilton Losging Inc Toe Berry 17600 Down River Dr. Email address sberry ochilton logging, com Woodland WA 98674 Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] Other. Describe_ *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) AA Lake Merwin NW, SE Sec. 25, TGN, RZE 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on 04/15/15 Clark 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks)] ID Team: (If you check this box attach ID team report) Visual observation (If you check this box fill out block 11-16) Random Measurements (If you check this box fill out block 11-16) [] incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known) [] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery_ [] Water feature does not meet WAC 222-16-031 definition. Describe:

Was there a drought warning issued by the DNR? [] Yes [] No

11. Water levels in the survey area were:

If yes, describe:

[] Above Normal

Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp watertyping.aspx)



Region	WRIA	Year	Number
DO	OP	4 ~	044
ru	-27-	10	-U114

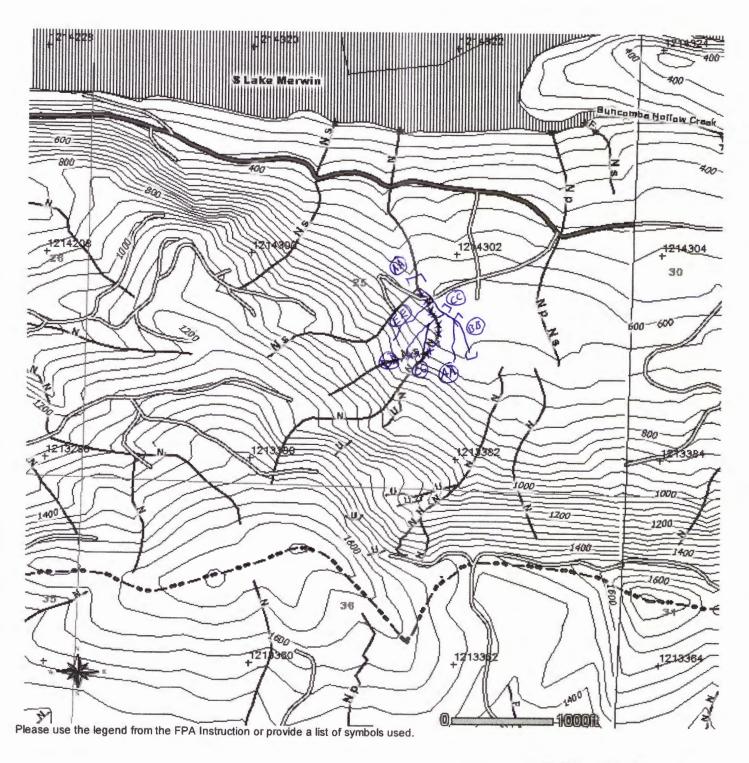
Water Type Modification Form (For changes to the Water Type Map) Organization name and address Telephone number * Proponent name PacifiCorp Energy 825 NE Maltronich, Sk 1500 (54) 813-6619 Email address Portland, OR 97 232
Organization name and address Kirk. Naylore pacificorp, com Telephone number Surveyor name (s) Chilton Loggins Inc (50) 660-8760 Joe Berry 1760 Down Riva Dr. Email address berrye chilton loggins, con Woodland, hit 98674 Check applicable boxes: *Adding streams/lakes [] Changing water type *Removing streams/lakes (describe in box 16) Other. Describe_ [] *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) BB, CC, DD, EE Lake Mewin NW, SE Sc. 25, + GN, RZE 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on Clark 04/15/15 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known)] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: [] Below Normal [] Normal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? [] Yes [] No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx) If yes, describe:

12. Channel Characteristics (Use stream segment tally st	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	,
[] Protocol electrofishing survey (attached survey information	n)
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above su	
[] The uppermost point of perennial flow. (describe in block [] The last observed fish	10)
[] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
Trovace a description of water type steak, now it is marked in	and note and in deallable latitude and longitude of type block results.
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Noticed barriers: [] Falls [] Cascadas [] Dade	rank shutas [] Other (describe):
[] Natural barriers. [] Falls [] Cascades [] Bedi	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	you checked Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	ield observation
Describe location:	
Describe location.	
15. Is there evidence of recent mass wasting (filling in th	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
46 Deside any additional abolt in the state of the	ettechmenter (our our cords shates of his share). Fold sale
expert report and stationing)	attachments: (survey cards, photos of type break, field notes,
All streams are upstream of	Non-Sih (PCZ7 140132)

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TOWNSHIP 6 NORTH HALF 0, RANGE 2 EAST (W.M.) HALF 0, SECTION 25

Application #: PC-27-15-0114



4/21/2015, 3:32:03 PM NAD 83 Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0114
omment	Due Date		

DNR Office Summary

(For office use only)

	Concur	Non-concur	D	ate Commer	t Received	
			Email	Phone	In Person	No Reply
DNR: Scott Hancock	V					
WDFW: Sam Kolb	V				8-20-15	
DOE: Rod Thysell	7-13-15		-			
Tribe: Yakama	7.5					/
^{Tribe:} Cowlitz						
Tribe:						
Other:						
Other: Marty Acker						

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From:

HANCOCK, SCOTT (DNR)

Sent:

Thursday, August 06, 2015 1:51 PM

To:

DNR RE FPAN-PC

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<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>

<PC-28-15-0065.pdf>

<PC-28-15-0099.pdf>

From: Thysell, Rod (ECY)

Sent: Monday, July 13, 2015 2:27 PM

To: HANCOCK, SCOTT (DNR)

Cc: Kolb, Samuel S (DFW); Greg Morris (morg@yakamafish-nsn.gov); martin acker@fws.gov; Shannon Wills

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Forest Practices Forester, Washougal Unit

Pacific Cascade Region

Washington State Department of Natural Resources (DNR)

Office: 360-577-2025 Cell: 360-608-9294

<PC-27-15-0068.pdf>

<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>



Region	WRIA	Year	Number
DA	-97	. 15	011/
	-21	TO	OTT

[] Below Normal

[] Normal

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Was there a drought warning issued by the DNR? [] Yes [] No

11. Water levels in the survey area were:

If yes, describe:

[] Above Normal

Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp watertyping.aspx)



Region	WRIA	Year	Number
DO	OP	4 ~	044
ru	-27-	10	-U114

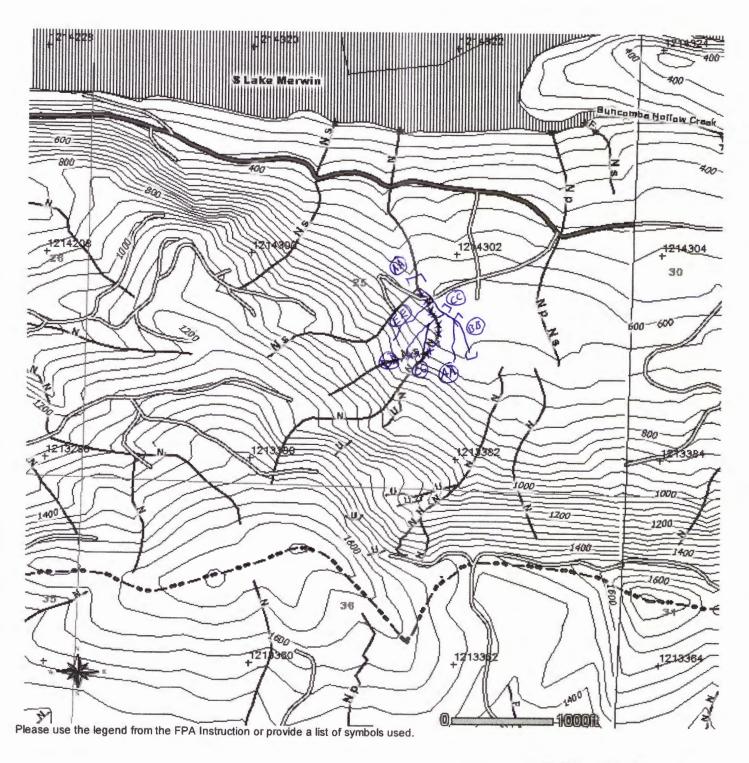
Water Type Modification Form (For changes to the Water Type Map) Organization name and address Telephone number * Proponent name PacifiCorp Energy 825 NE Maltronich, Sk 1500 (54) 813-6619 Email address Portland, OR 97 232
Organization name and address Kirk. Naylore pacificorp, com Telephone number Surveyor name (s) Chilton Loggins Inc (50) 660-8760 Joe Berry 1760 Down Riva Dr. Email address berrye chilton loggins, con Woodland, hit 98674 Check applicable boxes: *Adding streams/lakes [] Changing water type *Removing streams/lakes (describe in box 16) Other. Describe_ [] *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) BB, CC, DD, EE Lake Mewin NW, SE Sc. 25, + GN, RZE 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on Clark 04/15/15 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known)] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: [] Below Normal [] Normal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? [] Yes [] No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx) If yes, describe:

12. Channel Characteristics (Use stream segment tally st	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	,
[] Protocol electrofishing survey (attached survey information	n)
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above su	
[] The uppermost point of perennial flow. (describe in block [] The last observed fish	10)
[] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
Trovace a description of water type steak, now it is marked in	and note and in deallable latitude and longitude of type block results.
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Noticed barriers: [] Falls [] Cascadas [] Dade	rank shutas [] Other (describe):
[] Natural barriers. [] Falls [] Cascades [] Bedi	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	you checked Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	ield observation
Describe location:	
Describe location.	
15. Is there evidence of recent mass wasting (filling in th	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
46 Deside any additional abolt in the state of the	ettechmente (eumeu eerde shatee efter - beed fold sate
expert report and stationing)	attachments: (survey cards, photos of type break, field notes,
All streams are upstream of	Non-Sih (PCZ7 140132)

VILLOI I IVAVIIVE AVIIVI IIIAI

TOWNSHIP 6 NORTH HALF 0, RANGE 2 EAST (W.M.) HALF 0, SECTION 25

Application #: PC-27-15-0114



4/21/2015, 3:32:03 PM NAD 83 Contour Interval: 40 Feet



Name of Reviewers

PC 27 15 0108	Region PC	WRIA 27	<i>Year</i> 15	Number 0108
---------------	--------------	-------------------	-----------------------	----------------

In Person

No Reply

Date Comment Received

Phone

Email

DNR Office Summary

(For office use only)

Concur

Non-concur

DNR: Geoff Crosby	a ·			4-2146	
WDFW: Steve West	V			(A)	
DOE: Rod Thysell	V	3,5		EA 10/201	15
Tribe: Yakama				1 7	V
Tribe: Cowlitz					
Tribe:					
Other:					
Other: Marty Acker					
Justification:					
Office reviewers nameMandie \	Willenberg		Position NRT3	Da	06/05/2015
•			FUSITION		ate



Region	n Reference	Number-	DNR	Use Only
	WDIA	Vann		N7 h a.v.

Received Date

Read instructions prior to filling out

Water Type Modification Form (For changes to the Water Type Map) Organization name and address Telephone number * Proponent name Pre. ti Cosp Energy 825 NE Multromah, Ste 1500 (503) 8/3-66/9 Kirk S. Naylor Email address Portland, OR 77232 Kirk, may for @ Pacificorp, con Organization name and address Telephone number Surveyor name (s) (503) 660-8760 chilton logging Inc. Joe Berry Email address 1760 DOWN River Dr. s berrye chilton logging ca Woodland, WA 9860 Check applicable boxes: [] *Adding streams/lakes [] Changing water type 1 *Removing streams/lakes (describe in box 16) Other. Describe M *Changing location of streams/lakes (describe in box 16) 4. *Legal Description (1/4, 1/4 Section, 1. *Water Segment ID 2. Name of Water 3. Tributary To Township, Range, EM) 1 M Mowin SW, SE Sec. 19 TGN, R3E (B 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on 04/28/15 Cowlitz 9. *Forest Practices Application Number(s) (if applicable) NW, NW Sec. 20, TEN, RSE 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) ID Team: (if you check this box attach ID team report)

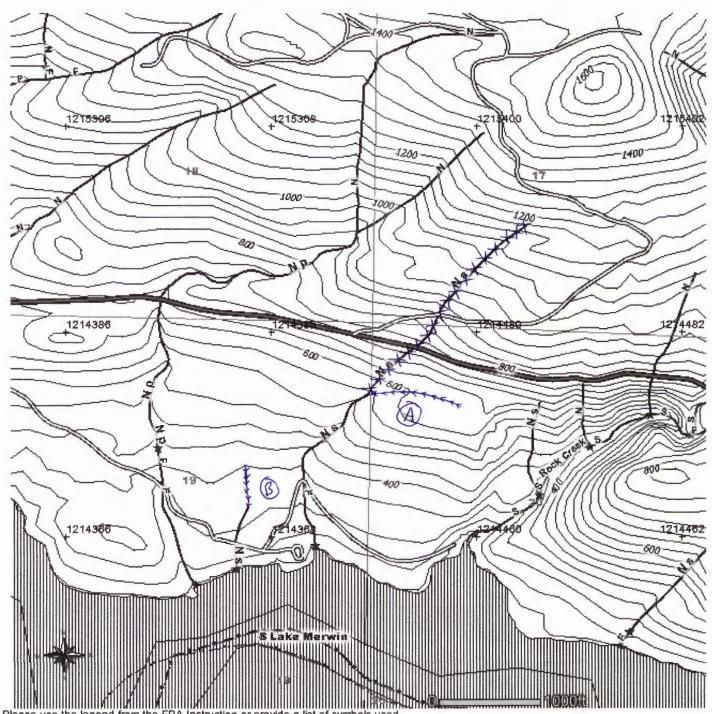
Visual observation (if you check this box fill out block 11-16) Random Measurements (If you check this box fill out block 11-18) [] incremental Measurements If you check this box fill out block 11-16) List species found (if known) No fish found Physical characteristics (If you check this box fill out block 11-16) [] Channel Is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: [] Below Normal () (Vormal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? Yes . No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx) if yes, describe:

	10 7 10 0100
12. Channel Characteristics (Use stream segment tally s	
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steenest gradient
Average gradient	Steepest gradient Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check all sheet.) 	ll boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information [] The end of harvest or property boundary	on)
[] The junction of two or more streams	
Do the Type F physical characteristics occur above s The uppermost point of perennial flow. (describe in block	
[] The last observed fish	,
[] The upper extent of proposed fish habitat	
[] Physical characteristics [] Other (describe):	
	the field and if available latitude and longitude of type break location:
Provide a description of water type break, now it is marked in	the neid and it available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	he surveyed stream segment(s)?
[] No. Continue to block 15	
1 Unable to access	
[] Unable to access [Yes. Mark box(s) below (for signant A)	
	drock chutes MOther (describe): PC 2 7 4 7 0 1 7 3
[] Natural Partiers. [] Fails [] Cascades [] Dec	TOOK Citates (describe). 1027/707/3
Enter the length, height and gradient of the natural barrier	
Length Height _	Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] if	Field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	he stream channel) or scouring events?
× No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
10 Deside any additional desifting information and the	tottoches also (august and
expert report and stationing)	t attachments: (survey cards, photos of type break, field notes,
Type break based on drx char	rne (
1 x pe los core	·

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 20

Application #: PC-27-15-0108



New Stream

XXXX Deleted Stream

4/21/2015, 1:57:31 PM **NAD 83** Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0110
Comment	Due Date		

DNR Office Summary

(For office use only)

Name of Reviewers	Concur Non-concur		D			
			Email	Phone	In Person	No Reply
DNR: Geoff Crosby	e				10-21-0	-
WDFW: Steve West	V				(Su)	
DOE: Rod Thysell	i				03/19/20/15	
^{Tribe:} Yakama						~
Tribe: Cowlitz						
Tribe:						
Other:						
Other: Marty Acker						
ffice reviewers name Mandie W	/illenberg	April 10 may 1 may	Position	IRT3	Da	6/8/2015
roponent and reviewers notified of	by Mor	ulling (Name	1 (100)	on gon	10/22 (Da	115



Region	n Reference l	Vumber- Di	VR Use Only
PC-	27-	15-	O TITO
Received	Date		

Water Type Modification Form

(For chang	ges to the Water Type				
* Proponent name		Orga	anization name a	and address	Telephone number
Kirk Naylor			iCorp Energy		(503) 813-6619
Kit 5 Non	zh		NE Multnomah, Su and, OR 97232	ite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Orga	anization name a	and address	Telephone number
Joe Berry		Chilto	on Logging Inc.		(503) 660-8760
0 7			Down River DR		Email address
90/2		Wood	dland, WA 98674		jberry@chiltonlogging.com
], - , - , - , - , - , - , - , - , - , -
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la X *Changing location of	kes (describe in box 1		[] Other.	ng water type Describe	
1. *Water Segment ID	2. Name of Water	3. Tribut		_	escription (1/4, 1/4 Section,
111/		1 10	Mers.n	Township, Ra	ange, E/W)
W, V		Line		NENE	sec. 21, TGN, R3E
5. *County	6. Water Type Show	n on	7. Proposed VV	ater Type	6. Date of Field Assessment
Clark	Map N		N_{S}		04/14/15
9. *Forest Practices Applie	cation Number(s) (if ar	pplicable)			
10. Change is based on the	ne following (check all	that apply	v)		
Survey method: [] Electrofishing Protocol S [] ID Team: (if you check t [] Visual observation (if y [] Random Measurements [] Incremental Measurements	his box attach ID team rep ou check this box fill out (If you check this box fil	port) block 11-16 Il out block	6) 11-16)	mation in block	11-16 no need to fill in these blocks)
[] Fish found L [] No fish found [] Physical characteristics [] Channel is a public wate [] Channel is a fish hatche	er diversion	out block Dista Hatch	nce from diversior nery name		
[] Water feature does not	meet WAC 222-16-031 c		nce downstream f	rom hatchery	
	11001 1170 222 10 00 1 0	aciii iidori.			
Describe:					
11. Water levels in the su	rvey area were: [] Above N	Normal	[] Normal	[] Below Normal
Was there a drought warning	ng issued by the DNR?	[]Yes[]	No		
Document is located at (ht	tp://www.dnr.wa.gov/Bus	sinessPerr	nits/Topics/Forest	PracticesApplic	ations/Pages/fp_watertyping.aspx)
If yes, describe:					

PC-2'

12. Channel Characteristics (Use stream segment tally she	eet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement Lowest gradient	Average bankfull width Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check all b sheet.) 	oxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary	
[] The junction of two or more streams Do the Type F physical characteristics occur above sur	veved segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block 1] The last observed fish	
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
[] Other (describe):	
	ne field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access [] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedro	ock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier you Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Fig.	eld observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel or	onditions and fish distribution in the stream.
46 Dravido any additional elevitring information and that a	thehmonte: (survey eards, shates of time break, field notes
coment report and stationing)	attachments: (survey cards, photos of type break, field notes,
Showing Streams in their con	meet location
Thomas Therms I'm	·



Region	WRIA	Year	Number
DC	_0m	1 =	011
Received	-41	19.	- OII

Water Type Modification Form
(For changes to the Water Type Man)

(FOI Chang	les to the water Type Ivid	ap)			
* Proponent name		Organi	zation name	and address	Telephone number
Kirk Naylor			rp Energy		(503) 813-6619
Wick 5 Nogle			Multnomah, Su , OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Organia	zation name	and address	Telephone number
Joe Berry		Chilton I	ogging Inc.		(503) 660-8760
0			wn River DR		Email address
In/E	>	Woodlar	nd, WA 98674		jberry@chiltonlogging.com
Check applicable boxes: *Adding streams/lakes *Removing streams/la *Changing location of streams/la 1. *Water Segment ID	kes (describe in box 16) streams/lakes (describe 2. Name of Water 3 6. Water Type Shown of Map	. Tributan	[] Other.	Township, Ra NE, NE /ater Type	escription (1/4, 1/4 Section, ange, E/W) Sec. 2 { TGN, R3E} 8. *Date of Field Assessment 0 4//5//5
[] ID Team: (If you check to a lift of the control	Survey (attach survey report his box attach ID team report ou check this box fill out blo (If you check this box fill out his lif you check this box fill out this species found (if known) (If you check this box fill out out of diversion any diversion meet WAC 222-16-031 defined the property of the content	t; if report a ck 11-16) ut block 11- Il out block t block 11- Distance Hatchen Distance nition.	16) 11-16) e from diversion y name_ e downstream	nfrom hatchery	
11. Water levels in the su	rvey area were: []	Above Nor	mal	[] Normal	[] Below Normal
Was there a drought warning					
Document is located at (ht lf yes, describe:	tp://www.dnr.wa.gov/Busine	essPermits	/Topics/Forest	PracticesApplication	ations/Pages/fp_watertyping.aspx)

I VINEUT I INAUTIOE AUTITIT HIAT

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 21

Application #: PC-27-15-0110



4/21/2015, 2:32:39 PM NAD 83 Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0117
Comment	Due Date		

DNR Office Summary

(For office use only)

Name of Reviewers	Concur Non-concur		D			
			Email	Phone	In Person	No Reply
DNR: Geoff Crosby	م				10-21-15	
WDFW: Steve West	V				(A)	-
DOE: Rod Thysell	V				et 10/20/2	-
Tribe: Yakama					110	/
Tribe: Cowlitz						/
Tribe:						
Other:						
Other: Marty Acker						V
Office reviewers name_	/illenberg		Position	IRT3	Da	6/9/201
Proponent and reviewers notified of						



Region	WRIA	Year	Number
DC-	27-	15-	0110
I C	RI	TO	OTI

Water Type Modification Form (For changes to the Water Type Map) * Proponent name Organization name and address Telephone number Pacificorp Enny (5)3) 813 -6619 Kick S 825 NE Multronah, Ste 1500 Email address Portland oR 97232 Organization name and address Kirk, neylor & pacifico po Com Telephone number Surveyor name (s) Chilton Lugging Inc 1760 Down River Drive Email address iberive chilton logging. and Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] Other. Describe *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) Mcwin Sw, NE Sec. 20, 76N, R3E
on 7. Proposed Water Type 8. *Date of Field Assessment 5. *County 6. Water Type Shown on 05/01/15 Cowlitz *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known) [] No fish found Physical characteristics (If you check this box fill out block 11-16) [] Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Not in Correct Scation 11. Water levels in the survey area were: [] Above Normal Normal [] Below Normal Was there a drought warning issued by the DNR? () Yes (No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx)

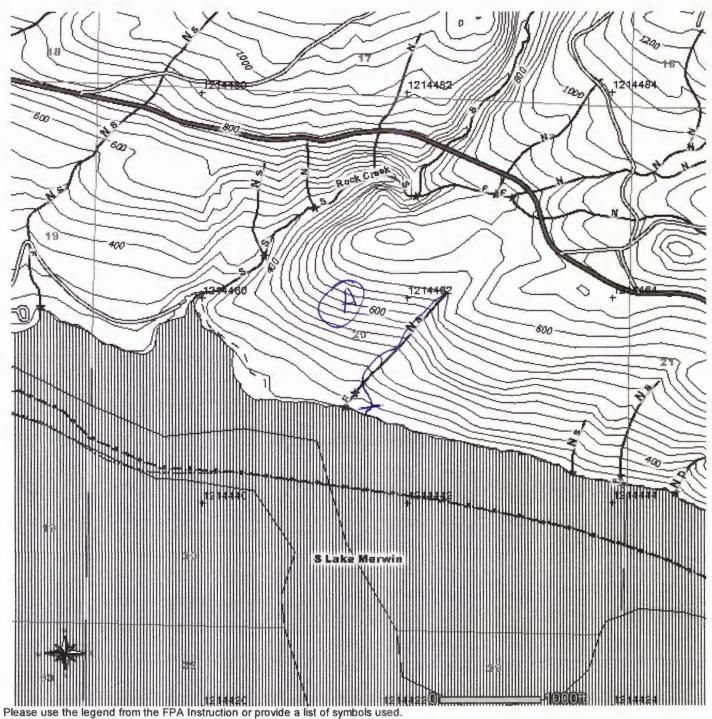
If yes, describe:

12. Channel Characteristics (Use stream segment tally sheet for multiple stream segre Number of bankfull width measurements Narrowest bankfull width measurement Widest bankfull width measurement Average bankfull width Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally sheet.) [] Protocol electrofishing survey (attached survey information)] The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No [] The uppermost point of perennial flow. (describe in block 16) [] The last observed fish []. The upper extent of proposed fish habitat M Physical characteristics [] Other (describe): Over 25% down to lake Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe):_ Enter the length, height and gradient of the natural barrier you checked. Length _____ Height ____ Gradient [] Temporary barriers (log jams) [] Man-made barriers, Describe: Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) ford to correct location.

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 20

PC-27-15-0117 Application #:_





5/29/2015, 1:06:55 PM **NAD 83** Contour Interval: 40 Feet



Name of Reviewers

Region	WRIA	Year	Number
PC	27	15	0111
Comment	Due Date		

Date Comment Received

DNR Office Summary

(For office use only)

		Email	Phone	In Person	No Reply
DNR: Geoff Crosby	0			10-21-15	
WDFW: Steve West				(A)	
DOE: Rod Thysell	1/			Ct woods	-
Tribe: Yakama				77	
^{Γribe:} Cowlitz					
Fribe:					
Other:					
Other: Marty Acker					
ustification:					
ustification:					

Non-concur

Concur



Region	WRIA	Year	Number
DO	on.	- 1 5	_ 1 1

Water Type Modification Form

	nges to the Water Type				
* Proponent name Kirk Naylor			anization name fiCorp Energy	and address	Telephone number (503) 813-6619
Kinh 5 Ny	(inh 5 Nigla		825 NE Multnomah, Suite 1500 Portland, OR 97232		Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) oe Berry		1	anization name on Logging Inc.	and address	Telephone number (503) 660-8760
0-2			1760 Down River DR Woodland, WA 98674		Email address jberry@chiltonlogging.com
heck applicable boxes X*Adding streams/lake] *Removing streams/l] *Changing location o *Water Segment ID	es lakes (describe in box '	ibe in box	[] Other.	ing water type Describe	scription (1/4, 1/4 Section,
T, N, M	2. Name of Water	L. 4	a Meruin	Township, Ra	inge, EW) Lee 26, TGN, RSE 8. *Date of Field Assessment
County	6. Water Type Show	wn on		later Type	8. *Date of Field Assessment
10. Change is based on Survey method:		that appl	у).	mation in block 1	1-16 no need to fill in these blocks
Survey method: [] Electrofishing Protocol [] ID Team: (if you check [] Visual observation (if [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public war	the following (check all Survey (attach survey re this box attach ID team re you check this box fill out ts (If you check this box fi nents If you check this bo List species found (if kno s (If you check this box fil ter diversion	that appliport; if repeptort) block 11-16 ill out block ox fill out block wm)	y). ort addresses infor 3) 11-16) ock 11-16)		1-16 no need to fill in these blocks
Survey method: [] Electrofishing Protocol [] ID Team: (if you check [] Visual observation (if [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics	the following (check all Survey (attach survey re this box attach ID team re you check this box fill out ts (If you check this box fi nents If you check this box List species found (if kno s (If you check this box fil ter diversion ery diversion	that appl port; if represent) block 11-16 ill out block ox fill out block Dista Hatcl	y). ort addresses infor 3) 11-16) ock 11-16)	1	1-16 no need to fill in these blocks
O. Change is based on Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristic [] Channel is a public wa [] Channel is a fish hatch	the following (check all Survey (attach survey re this box attach ID team re you check this box fill out ts (If you check this box fi nents If you check this box List species found (if kno s (If you check this box fil ter diversion ery diversion	that appl port; if represent) block 11-16 ill out block ox fill out block Dista Hatcl	y). ort addresses infor i) 11-16) ock 11-16) 11-16) nce from diversion	1	
10. Change is based on Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurement [] Fish found [] No fish found [] Physical characteristic [] Channel is a public war [] Channel is a fish hatch [] Water feature does not	the following (check all Survey (attach survey re this box attach ID team re you check this box fill out ts (If you check this box filents If you check this box List species found (if kno s (If you check this box fil ter diversion tery diversion t meet WAC 222-16-031	that appl port; if represent) block 11-16 ill out block ox fill out block Dista Hatcl	y). ort addresses infor 3) 11-16) ock 11-16) 11-16) nce from diversion nery name nce downstream f	1	
I.O. Change is based on Survey method: [] Electrofishing Protocol	the following (check all Survey (attach survey re this box attach ID team re you check this box fill out ts (If you check this box fil nents If you check this box fil ter diversion tery diversion t meet WAC 222-16-031 survey area were: [Ining issued by the DNR?	that appliport; if report) block 11-16 ill out block ox fill out block Dista Hatcl Dista definition.	y). ort addresses infor s) 11-16) ock 11-16) nce from diversion nery name_ nce downstream f	rom hatchery	

Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
3. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	m)
The end of harvest or property boundary	")
[] The junction of two or more streams	
Do the Type F physical characteristics occur above so	urveved seament? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block	
[] The last observed fish	
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break loc
4. Are there any fish passage barriers downstream of th	e surveyed stream segment(s)?
Cable Conference to block 45	
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bed	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier	
Length neight	Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps [] F	ield observation
Describe location:	
	no observe shapped) or securing events?
5. Is there evidence of recent mass wasting (filling in the	ne stream channel) or scouring events?
	ne stream channel) or scouring events?
5. Is there evidence of recent mass wasting (filling in the	ne stream channel) or scouring events?
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
Is there evidence of recent mass wasting (filling in the state of	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred	
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel	conditions and fish distribution in the stream.
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list	conditions and fish distribution in the stream.
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no
5. Is there evidence of recent mass wasting (filling in th [] No [] Yes. Estimate when the event occurred Describe how these affected current stream channel 6. Provide any additional clarifying information and list expert report and stationing)	conditions and fish distribution in the stream. attachments: (survey cards, photos of type break, field no



Region	WRIA	Year	Number
DO.	07-	15-	011
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Water Type Modification Form

(For char	iges to the Water Type	Map)			
* Proponent name Kirk Naylor		Paci	anization name fiCorp Energy NE Multnomah, Si		Telephone number (503) 813-6619
Kink SN	agh		Portland, OR 97232		Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Chil	anization name on Logging Inc. Down River DR	and address	Telephone number (503) 660-8760
10/			dland, WA 98674		Email address jberry@chiltonlogging.com
heck applicable boxes [] *Adding streams/lake [] *Removing streams/lat* Changing location of *Water Segment ID	s akes (describe in box 1	e in box	[] Other.		escription (1/4, 1/4 Section,
Water Segment ID	2. Name or vvater	LLK	e Munin	4. "Legal De Township, Ra SE Nい	ange, EW) Sci 26, TGN, RPE 8. *Date of Field Assessment
Cowlitz	6. Water Type Show Map	n on	7. Proposed W	later Type	8. *Date of Field Assessment 04/15/15
[] ID Team: (if you check Visual observation (if [] Random Measurement [] Incremental Measurem	Survey (attach survey rep this box attach ID team rep you check this box fill out it s (if you check this box fill ents if you check this box List species found (if know s (if you check this box fill er diversion ery diversion	ort; If repo lock 11-1(out block fill out block out block Dista Hatch	ort addresses infor i) 11-16) ock 11-16)		11-16 no need to fill in these blocks)
11. Water levels in the s Was there a drought warn Document is located at (h	ing issued by the DNR	-	No	Normal PracticesApplica	Below Normal Ations/Pages/fp_watertyping.aspx)
If yes, describe:					

	10 2.
12. Channel Characteristics (Use stream segment tally	sheet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steenest andiest
	Steepest gradient Average wetted width
Average gradient	
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check a sheet.) 	Il boxes that apply. For multiple segments use stream tally
[] Destaced electrofishing average (attrophed average informati	ion)
 Protocol electrofishing survey (attached survey information) The end of harvest or property boundary 	on)
1) The function of two or more streams	
Do the Type F physical characteristics occur above	OI I Champage beyond
[] The uppermost point of perennial flow. (describe in block	surveyed segment? [] res [] NO
1 The last observed fish	K 10)
[] The upper extent of proposed fish habitat	
Physical characteristics	
[] Other (describe):	
Provide a description of water type break, how it is marked in	n the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of t	the surveyed stream segment(s)?
1 The Anthony to block 45	
Mo. Continue to block 15	• *
[] Unable to access	
Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Be	drock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrie Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps []	Field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in	the stream channel) or scouring events?
≥ No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channe	conditions and fish distribution in the stream
Describe now these affected content sugain channe	CONDITIONS and Hor distribution in the Sociality.
	t attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	
- I whould Do shisica	Is. Stram grade increases over 25 to
I to prouve and	
1 souls 10 fout + 6	wide seep in places upstrante
with no prois.	ls. strong grade increnses over 25% wide seep in places upstrand of
brenk.	



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* Proponent name		Мар)			
Kirk Naylor		Pacil	anization name iCorp Energy		Telephone number (503) 813-6619
chip 5 Nagha			825 NE Multnomah, Suite 1500 Portland, OR 97232		Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry			anization name on Logging Inc.	and address	Telephone number (503) 660-8760
Jon /2	3		Down River DR dland, WA 98674		Email address jberry@chiltonlogging.com
Check applicable boxes [] *Adding streams/lake [] *Removing streams/la [*Changing location of . *Water Segment ID	es akes (describe in box 1 f streams/lakes (describ	be in box	[] Other.	ing water type Describe	scription (1/4, 1/4 Section,
R		Lake	Merwin	Township, Ra	nge, EW) 1/4 Sec. 26, Thu, R3E 8. *Date of Field Assessment
5. *County	6. Water Type Show Map	n on	7. Proposed W		8. *Date of Field Assessment 04/15/15
9. *Forest Practices Appl	ication Number(s) (if a	pplicable)			
			y).		
[] Electrofishing Protocol [] ID Team: (If you check Visual observation (If] Random Measurement [] Incremental Measurem	this box attach ID team re- you check this box fill out: S (If you check this box fill ents If you check this box	port) block 11-16 Il out block x fill out blo	ort addresses info	rmation in block 1	1-16 no need to fill in these blocks)
[] ID Team: (If you check Visual observation (If Random Measurement Incremental Measurem Fish found No fish found Physical characteristics Channel is a fish hatched	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16)	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if grandom Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16) 11-16) nce from diversionery name	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if; [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatche [] Water feature does not	this box attach ID team re you check this box fill out is (If you check this box fill tents If you check this box List species found (If know is (If you check this box fill ter diversion ery diversion	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses info i) 11-16) ock 11-16) 11-16) nce from diversionery name	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check Visual observation (if] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatcher [] Water feature does not Describe:	this box attach ID team re- you check this box fill out is (if you check this box fill ents if you check this box fill ents if you check this box fill the f	port) block 11-16 il out block x fill out block mn) Dista Hatch	ort addresses informations i) 11-16) ock 11-16) 11-16) nce from diversionery name_ nce downstream	n	1-16 no need to fill in these blocks)
[] Electrofishing Protocol [] ID Team: (if you check] Visual observation (if; [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatche [] Water feature does not	this box attach ID team reyou check this box fill out is (if you check this box fill out is (if you check this box fill tents if you check this box fill ter diversion ery diversion in meet WAC 222-16-031 of the control of the contr	port) block 11-16 il out block x fill out block Dista Hatch Dista definition.	ort addresses information (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	nfrom hatchery	

12. Channel Characteristics (Use stream segment tally s	sheet for multiple stream segment information.)
	and the same of th
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check al sheet.) 	ll boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information [] The end of harvest or property boundary	on)
[] The junction of two or more streams Do the Type F physical characteristics occur above s	The state of the s
[] The uppermost point of perennial flow. (describe in block	k 16)
[] The last observed fish	
The upper extent of proposed fish habitat Physical characteristics	
Other (describe): Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
Provide a description of water type break, now it is marked in	The lied and it available labitude and longitude of type break location.
14. Are there any fish passage barriers downstream of the	he surveyed stream segment(s)?
M No. Continue to block 15	
Unable to access Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bed	drock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	
[] Temporary barriers (log jarns) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps []	Field observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in t	he stream channel) or scouring events?
No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
16. Provide any additional clarifying information and list	t attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	
Entire stream dries up in	summer, however, the Bost n600'd" support fish At -600', stream 40 feet, No fish habitat above
I un to Lake Merwin Con!	of support out Ho 1600, sheim
down to over 50% for	40 feet. No tish hib. that above
Climes	
brenk.	



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	ges to the Water Type	MaD).			
* Proponent name Kirk Naylor		Org. Pacif	anization name iiCorp Energy NE Multnomah, Si		Telephone number (503) 813-6619
ox it 5 N	aglin	1	and, OR 97232		Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry		1	anization name on Logging Inc.	and address	Telephone number (503) 660-8760
9072	5	1760	Down River DR dland, WA 98674		Email address jberry@chiltonlogging.com
heck applicable boxes: [] *Adding streams/lakes [] *Removing streams/lal [*Changing location of streams/lal] *Water Segment ID	kes (describe in box 1) streams/lakes (describ	e in box	[] Other.	ing water type Describe 4. *Legal De	scription (1/4, 1/4 Section,
0		Like	Merwin	Township, Ra	nge, EM) Sec. 26 TLN, R3E
County	6. Water Type Show Map	n on	7. Proposed W	later Type	8. *Date of Field Assessment
10. Change is based on the Survey method: [] Electrofishing Protocol S [] ID Team: (If you check to a light of the survey of	GUIVEY (attach survey rep this box attach ID team rep ou check this box fill out I (If you check this box fill	ort; if repo ort) block 11-16 I out block	ort addresses infor 1) 11-16)	mation in block 1	1-16 no need to fill in these blocks)
[] Fish found Li [] No fish found [] Physical characteristics [] Channel is a public wate	er diversion	out block Dista	11-16) nce from diversion	1	
[] Channel is a fish hatche	ry diversion		nce downstream t	rom hatchery	
[] Channel is a fish hatche		Dista	nce downstream f	rom hatchery	
Channel is a fish hatche		Dista	nce downstream (rom hatchery	
[] Channel is a fish hatche	meet WAC 222-16-031 d	Dista		rom hatchery	[≯ Below Normal
Channel is a fish hatche Water feature does not r Describe:	meet WAC 222-16-031 d	Dista lefinition.	Normal		[≯ Below Normal

)	
12. Channel Characteristics (Use stream segment tally sh	neet for multiple stream segment information.)
Alumbar of boolefull width managements	Alamanant handstill width managerament
Number of bankfull width measurements Widest bankfull width measurement	Narrowest bankfull width measurement Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
t side site impositations = e.e. set [] Tes [] Tes	Halliber of protector pools
 The water type break was determined by: (Check all sheet.) 	boxes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information	1)
[] The end of harvest or property boundary [] The junction of two or more streams	e. *
Do the Type F physical characteristics occur above su	In mind comment? [] Ven [] No.
[] The uppermost point of perennial flow. (describe in block	
The last observed fish	10)
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
Other (describe):	
	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
Unable to access	
[] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedr	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier to Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Fi	ield observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the avest covered	
[] Yes. Estimate when the event occurred	conditions and fish distribution in the stream.
	attachments: (survey cards, photos of type break, field notes,
As of os/oils, stream r	north of road is completely dry.
	·



Region	WRIA	Year	Numl	er
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	r pe modification Form ages to the Water Type				
* Proponent name Kirk Naylor Kirk S Na	yl.	Pac 825	ganization name a ifiCorp Energy NE Multnomah, St dand, OR 97232		Telephone number (503) 813-6619 Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry	The state of the s	-	janization name aton Logging Inc.	and address	Telephone number (503) 660-8760
9-7	3		Down River DR odland, WA 98674		Ernail address jberry@chiltonlogging.com
Check applicable boxes [] *Adding streams/lake [] *Removing streams/la *Changing location of 1. *Water Segment ID	s akes (describe in box 1	be in box	[] Other.	ing water type Describe 4. *Legal De	escription (1/4, 1/4 Section,
7		Lah	a Merwin	Township, Re	ange, EM) Scc., 26, 76N, R 3E 8. *Date of Field Assessment
5. *County Cowlitz	6. Water Type Show	n on	7. Proposed W	later Type	8. *Date of Field Assessment 04/15/15
9. *Forest Practices Appl					
10. Change is based on a Survey method: [] Electrofishing Protocol [] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem	Survey (attach survey reg this box attach ID team re you check this box fill out s (If you check this box fil	port; If rep port) block 11-1 Il out block	oort addresses infor 6) c 11-16)	mation in block 1	11-16 no need to fill in these blocks)
[] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatch [] Water feature does not	er diversion ery diversion	out block Dista Hato Dista	11-16) ance from diversion thery name ance downstream f		
Describe:					
11. Water levels in the s] Above		[] Normal	⊠ Below Normal
Was there a drought warning Document is located at (half yes, describe:				PracticesApplice	ations/Pages/fp_watertyping.aspx)

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements___ Narrowest bankfull width measurement Average bankfull width _ Widest bankfull width measurement Lowest gradient Steepest gradient Average wetted width Average gradient Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally [] Protocol electrofishing survey (attached survey information) The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No The uppermost point of perennial flow. (describe in block 16) The last observed fish The upper extent of proposed fish habitat Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe): Enter the length, height and gradient of the natural barrier you checked. Length _ Height ___ [] Temporary barriers (log jams) Describe: [] Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) Stream dries up in summe. Moved to correct location.



Region	WRIA	Year	Number.
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Water Type Modification Form
(For changes to the Water Type Map

* Proponent name Kirk Naylor Kirk Naylor) aylon	Orga Pacif 825 I	anization name : iCorp Energy NE Multnomah, St and, OR 97232		Telephone number (503) 813-6619 Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry	3	Chilto 1760	anization name on Logging Inc. Down River DR dland, WA 98674	and address	Telephone number (503) 660-8760 Email address jberry@chiltonlogging.com
Check applicable boxes A*Adding streams/lake [] *Removing streams/la [] *Changing location of	s akes (describe in box 16) streams/lakes (describe	in box	[] Other. 16)		
K		Lake	Murvin	SE NE	E (cc 26, TGN, R7E
5. *County Cowlitz	6. Water Type Shown	on	7. Proposed W	/ater Type	escription (1/4, 1/4 Section, ange, E/W) Sec 26, T6N, R3E 8. *Date of Field Assessment
[] ID Team: (If you check [] Visual observation (If [] Random Measurement [] Incremental Measurem [] Fish found [] No fish found [] Physical characteristics [] Channel is a public wat [] Channel is a fish hatch	this box attach ID team report you check this box fill out blo s (If you check this box fill of ents if you check this box fill ist species found (if known) (If you check this box fill of er diversion	rt) ock 11-1t out block ill out block Dista Hatcl Dista	5) 11-16) ock 11-16)	n	11-16 no need to fill in these blocks)
Describe:				/ JAIn	M Bolow Named
	ing issued by the DNR?		No	[] Normal PracticesApplic	Below Normal Below
If yes, describe:					

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements_ Narrowest bankfull width measurement_ Widest bankfull width measurement Average bankfull width _ Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally sheet.) [] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No [] The uppermost point of perennial flow. (describe in block 16) The last observed fish [] The upper extent of proposed fish habitat Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? I No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe): Enter the length, height and gradient of the natural barrier you checked. Height [] Temporary barriers (log jams) [] Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) the Calling stream on "N" because theres not enough evidence to indicate Np or Ns



Region	WRIA	Year	Number
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Water Type Modification Form (For changes to the Water Type Map)

(I OI CITAIT	ges to the water Type	MIGHT			
* Proponent name Kirk Naylor	7	Org	anization name a	and address	Telephone number (503) 813-6619
Kill 5 Not	jle-		NE Multnomah, St and, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry		Chilt	anization name a on Logging Inc.	and address	Telephone number (503) 660-8760
00/8		1	Down River DR dland, WA 98674		Email address jberry@chiltonlogging.com
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la] *Changing location of	s ikes (describe in box 1	6) be in box 3. Tribu	[] Other. 16)		escription (1/4, 1/4 Section,
P	_		Moun	Township, R	
5. *County	6. Water Type Show Map	n on	7. Proposed W		8. *Date of Field Assessment
[] ID Team: (If you check to [] Visual observation (If y [] Random Measurements [] Incremental Measurement [] Fish found [] No fish found	this box attach ID team reprou check this box fill out is (If you check this box fill ents. If you check this box is species found (if knowns the check this box is species found (if knowns the check this box is the check	port) block 11-10 I out block x fill out bl	5) 11-16) ock 11-16)	maton in Diock	11-16 no need to fill in these blocks)
[] Physical characteristics [] Channel is a public wate [] Channel is a fish hatche	er diversion	Dista	11-16) ince from diversion hery name_ ince downstream f		
[] Water feature does not Describe:	meet WAC 222-16-031 d				
11. Water levels in the su		Above!		[] Normal	[X] Below Normal
Document is located at (hi	ttp://www.dnr.wa.gov/Bus	sinessPerr	nite/Tonics/Ecrost	Dragiose Annlin	entions/Pages/fo watertuning asny)

PC-27-15-0111 12. Channel Characteristics (Use stream segment tally sheet for multiple stream segment information.) Number of bankfull width measurements Narrowest bankfull width measurement Widest bankfull width measurement Average bankfull width _ Lowest gradient Steepest gradient Average gradient Average wetted width Ponds and impoundments >0.5 acre [] Yes [] No Number of protocol pools_ 13. The water type break was determined by: (Check all boxes that apply. For multiple segments use stream tally [] Protocol electrofishing survey (attached survey information) The end of harvest or property boundary [] The junction of two or more streams Do the Type F physical characteristics occur above surveyed segment? [] Yes [] No) The uppermost point of perennial flow. (describe in block 16) [] The last observed fish The upper extent of proposed fish habitat] Physical characteristics [] Other (describe): Provide a description of water type break, how it is marked in the field and if available latitude and longitude of type break location: 14. Are there any fish passage barriers downstream of the surveyed stream segment(s)? [] No. Continue to block 15 Unable to access [] Yes. Mark box(s) below [] Natural barriers: [] Falls [] Cascades [] Bedrock chutes [] Other (describe):_ Enter the length, height and gradient of the natural barrier you checked. [] Temporary barriers (log jams) Man-made barriers, Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field observation Describe location: 15. Is there evidence of recent mass wasting (filling in the stream channel) or scouring events? []No [] Yes. Estimate when the event occurred Describe how these affected current stream channel conditions and fish distribution in the stream. 16. Provide any additional clarifying information and list attachments: (survey cards, photos of type break, field notes, expert report and stationing) 26% + grade from Lake to stream creates barrier for fish, therefore, "N" the entire stream. Not enough evidence to change to "Np" or "Ns".



Region Reference Number- DNR Use Only

Region PC-27 - 15 - 011.

Received Date

Read instructions prior to filling out

Water Type Modification Form

(For changes to the Water Type Map) Organization name and address Telephone number (52) 813 -66/9 825 NE Maltramb, Ste 1500 **Email address** Kisk S. Haylor Surveyor name (s) Joe Barry Portland, OR 97232 Kirk, mylore preshiverpe Con Organization name and address Telephone number (58) 660 -8760 1760 Down River Dr. Email address Woodhad WA 98674 sherrye chilton/syging. com

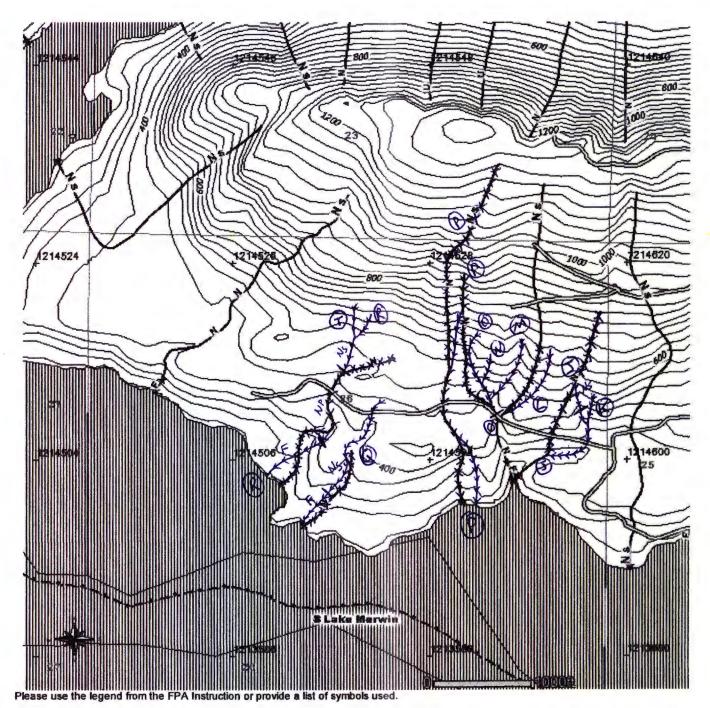
7	2. Name of Water	3. Tributary To Leke Mervin	Township, R	escription (1/4, 1/4 Section, ange, E/W) Sec 26 TG N, R 3 E
Cowlitz	6. Water Type Sho	1		8. *Date of Field Assessment OH/IS/IS
*Forest Practices App			-	
O. Change is based on Survey method:	the following (check	all that apply).		
[] Visual observation (If [] Random Measurement [] Incremental Measurem [] Fish found	s (If you check this box	x fill out block 11-16) box fill out block 11-16)		
1 No fish found		## 1. 4.4 AD		
No fish found Physical characteristics Channel is a public wa			ion	
	ter diversion	Distance from divers Hatchery name		
Physical characteristics Channel is a public wa	ter diversion ery diversion	Distance from divers Hatchery name Distance downstrear		
Physical characteristic: Channel is a public wa Channel is a fish hatch	ter diversion ery diversion	Distance from divers Hatchery name Distance downstrear		
Physical characteristic Channel is a public wa Channel is a fish hatch Water feature does not Describe:	ter diversion ery diversion t meet WAC 222-16-03	Distance from divers Hatchery name Distance downstrear 1 definition.	n from hatchery	
Physical characteristic Channel is a public wa Channel is a fish hatch Water feature does not	ter diversion lery diversion t meet WAC 222-16-03	Distance from divers Hatchery name Distance downstrear of definition.		[X Below Normal

	10 81 10
12. Channel Characteristics (Use stream segment tally st	heet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	n
The end of harvest or property boundary	
The junction of two or more streams	
Do the Type F physical characteristics occur above su	inveved segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block	
The last observed fish	
[] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
Libbs Continue to black 45	
[] No. Continue to block 15	
[] Unable to access	•
[] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedi	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps [] F	Held observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
1.1 No.	
[] No	
[] Yes. Estimate when the event occurred	conditions and fish distribution in the stream.
 Provide any additional clarifying information and list expert report and stationing) 	attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	A (/ A ()
Corrected location. Stream	is dry as of O4/15/15 for last
305 400 stretch.	

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 26

Application #: PC-27-15-0111



John brank

4/21/2015, 3:01:40 PM NAD 83 Contour Interval: 40 Feet



Name of Reviewers

Region	WRIA	Year	Number
PC	27	15	0113
Comment	Due Date		

In Person

No Reply

Date Comment Received

Phone

DNR Office Summary

(For office use only)

Concur

Non-concur

Email

DNR: Geoff Crosby	0				10-21-1	5
WDFW: Steve West	V				P	
DOE: Rod Thysell	V				CF 10/20	4
Tribe: Yakama					1	V
Tribe: Cowlitz	-		+ -		5m 5a	
Tribe:						
Other:						
Other: Marty Acker						
DNR Concur	При	R Non-concu	ır			
Office reviewers nameMandie Wille	nberg		Position _	IRT3		Date 6/8/2015



Region	WRIA	Year	Number
DC	Or -	4 ~	0
LC.	41	15	011:

Water Type Modification Form

(FUI CHAIL)	jes to the water Type wit	ap)			
* Proponent name			anization name	and address	Telephone number
Kirk Naylor	/		fiCorp Energy	uito 1500	(503) 813-6619
Kinh S Non	y h		NE Multnomah, S and, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s)		Org	anization name	and address	Telephone number
Joe Berry		Chilt	on Logging Inc.		(503) 660-8760
()	72		Down River DR		Email address
0		Woo	dland, WA 98674		jberry@chiltonlogging.com
Check applicable boxes: [] *Adding streams/lakes	kes (describe in box 16) streams/lakes (describe	in box	[] Other.	ing water type Describe	escription (1/4 1/4 Section
		1. K	· howin	Township, Ra	ange, EW) 25, TGN, R3F
5. *County	6. Water Type Shown of	20	7. Proposed V	Voter Type	8. *Date of Field Assessment
Clark	Map //s	JII	7. Floposed V	valer Type	04/15/15
9. *Forest Practices Applic		icable)			0-711311
o. Torout Tuotious Applic	addit (valido) (ii appi	ioubic)			
40.01	- C. H				
10. Change is based on the	ie following (check <u>all</u> tha	at appi	у).		
Survey method: [] Electrofishing Protocol S [] ID Team: (If you check to [] Visual observation (If you check to [] Random Measurements [] Incremental Measureme	his box attach ID team report ou check this box fill out blo (If you check this box fill ou	t) ck 11-1(ut block	6) 11-16)	rmation in block 1	11-16 no need to fill in these blocks)
[] Fish found Li	ist species found (if known)				
No fish found Physical characteristics Channel is a public wate Channel is a fish hatche	(If you check this box fill ou	t block Dista Hatcl	11-16) Ince from diversion Ince name Ince downstream		
[] Water feature does not r	neet WAC 222-16-031 defin	nition.	nice downsacani	Tom Hatonery	
Describe:					
11. Water levels in the su	rvey area were: [] /	Above 1	Normal	[] Normal	[] Below Normal
Was there a drought warning	ig issued by the DNR? []	Yes []	No		
Document is located at (htt	p://www.dnr.wa.gov/Busine	essPerr	mits/Topics/Forest	PracticesApplica	ations/Pages/fp_watertyping.aspx)
If yes, describe:					

12. Channel Characteristics (Use stream segment tally sh	eet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all t	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above sur	
[] The uppermost point of perennial flow. (describe in block 1	(6)
[] The last observed fish [] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
	he field and if available latitude and longitude of type break location:
Trondo d description of water type shear, new trie marked in a	no nota and in available laurage and longitude of type break results.
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Notice basisses [] Falls [] Cassadas [] Bade	ask shirtes 1.1 Other (describe):
[] Natural barriers: [] Falls [] Cascades [] Bedro	ock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier y	rou checked.
	Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Fi	eld observation
Described to the second	
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[]110	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel of	conditions and fish distribution in the stream.
	attachments: (survey cards, photos of type break, field notes,
strerm Chrindizes but disap No evidence of it going sub	ears 200' before the lake.
No evidence of it going sub	ssurface.
*	



Region	Reference N	lumber- Dl	VR Use Only
Region	WRIA	Year	Number
PC-	27-	15-	0113
Received	Date		

Water Type Modification Form
(For changes to the Water Type Map)

(I OI CITALIL	Jes to the water Type Me	(P)		
* Proponent name		Organization	name and address	Telephone number
Kirk Naylor		PacifiCorp Ene	ergy	(503) 813-6619
11:10	0	ł	mah, Suite 1500	Email address
Kish S N.	ughu	Portland, OR 9	7232	kirk.naylor@PacifiCorp.com
Surveyor name (s)		Organization	name and address	Telephone number
Joe Berry		Chilton Loggin	g Inc.	(503) 660-8760
		1760 Down Riv		Email address
Ja 72		Woodland, WA	98674	jberry@chiltonlogging.com
0 . 1				jberry@crintornoggirig.com
Check applicable boxes: [] *Adding streams/lakes [] *Removing streams/la Changing location of	kes (describe in box 16)	[]	Changing water type Other. Describe	
1. *Water Segment ID	2. Name of Water 3.	Tributary To	4. *Legal D	Description (1/4, 1/4 Section,
6		1 1. he	Township, F	Range, E/W)
G		- ne mo	SE, SE	Range, E/W) Sec. 25, Tbn, R3E
5. *County	6. Water Type Shown of	n 7. Prop	osed Water Type	8. *Date of Field Assessment
Clark	Map Ns		Vc	04/15/15
9. *Forest Practices Applie	cation Number(s) (if appli	cable)		
		/		
10. Change is based on the	ie following (check <u>all</u> tha	it apply).		
[] ID Team: (If you check t [] Visual observation (If y [] Random Measurements	his box attach ID team report ou check this box fill out bloc (If you check this box fill ou) :k 11-16) t block 11-16)	ses information in block	11-16 no need to fill in these blocks)
[] Incremental Measureme	ents If you check this box fill	out block 11-16)		
	ist species found (if known)			
[] No fish found	(If you check this box fill out	block 11-16)		
[] Channel is a public water		Distance from	diversion	
[] Channel is a fish hatche		Hatchery name)	
[] Water feature does not i	meet WAC 222-16-031 defir		stream from hatchery_	
	fieet VVAC 222-10-031 delli	ildon.		
Describe:				
				- 1
11. Water levels in the su	rvey area were: [] A	bove Normal	[] Normal	[] Below Normal
Was there a drought warning	ng issued by the DNR? []	res [] No		
Document is located at (ht	tp://www.dnr.wa.gov/Busine	ssPermits/Topic	s/ForestPracticesAppli	cations/Pages/fp_watertyping.aspx)
If yes, describe:		,		
,,				

	10 %1 10 0110
12. Channel Characteristics (Use stream segment tally sheet	et for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
 The water type break was determined by: (Check all bo sheet.) 	xes that apply. For multiple segments use stream tally
[] Protocol electrofishing survey (attached survey information) [] The end of harvest or property boundary [] The junction of two or more streams	
Do the Type F physical characteristics occur above survi [] The uppermost point of perennial flow. (describe in block 16) [] The last observed fish	
The upper extent of proposed fish habitat Physical characteristics Other (describe):	
	e field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the s	surveyed stream segment(s)?
[] No. Continue to block 15 [] Unable to access [] Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedroc	k chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier you Length Height	
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Field	d observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	etream channel) or scouring events?
	stream channely or scouring events:
[] No	
[] Yes. Estimate when the event occurred	nditions and fish distribution in the stream.
 Provide any additional clarifying information and list att expert report and stationing) 	
Showing stream in its correct	location



	er
PC-27+15+01	15

Water Type Modification Form (For changes to the Water Type Map)

* Proponent name Kirk Naylor		Pacif	anization name a iCorp Energy		Telephone number (503) 813-6619
Kish S Na	gh.	1	NE Multnomah, Su and, OR 97232	uite 1500	Email address kirk.naylor@PacifiCorp.com
Surveyor name (s) Joe Berry		Chilto	anization name a on Logging Inc.	and address	Telephone number (503) 660-8760
0-75			Down River DR dland, WA 98674		Email address jberry@chiltonlogging.com
Check applicable boxes: *Adding streams/lakes in the streams of the stream of the st	kes (describe in box 16) streams/lakes (describe i		[] Other. 16)	ng water type Describe	
1. *Water Segment ID	2. Name of Water 3	. Tribu	tary To	4. *Legal De Township, Ra SE, SE	escription (1/4, 1/4 Section, ange, E/W) See 25 TGN, RSE
5. *County	6. Water Type Shown of Map	on	7. Proposed W	ater Type	8. *Date of Field Assessment 04/15/15
9. *Forest Practices Applic					
10. Change is based on the Survey method: [] Electrofishing Protocol S [] ID Team: (If you check the survey of	urvey (attach survey report his box attach ID team report ou check this box fill out bloo (If you check this box fill ou	; if repo t) ck 11-16 ut block	ort addresses infor 3) 11-16)	mation in block	11-16 no need to fill in these blocks)
[] Fish found Li [] No fish found [] Physical characteristics [] Channel is a public wate [] Channel is a fish hatcher [] Water feature does not response.	r diversion ry diversion	t block Dista Hatch Dista	11-16) nce from diversion nery name_ nce downstream f		
Describe:					
11. Water levels in the su	rvey area were: [] /	Above N	Vormal	[] Normal	[] Below Normal
Was there a drought warning	g issued by the DNR? []	Yes []	No		
Document is located at (httl://displays.com/describe:	p://www.dnr.wa.gov/Busine	essPern	nits/Topics/Forest	PracticesApplica	ations/Pages/fp_watertyping.aspx)



Region Reference Number- DNR Use Only
Region WRIA Year Number

PC-27-15-0113
Received Date

Read instructions prior to filling out

Water Type Modification Form
(For changes to the Water Type Man

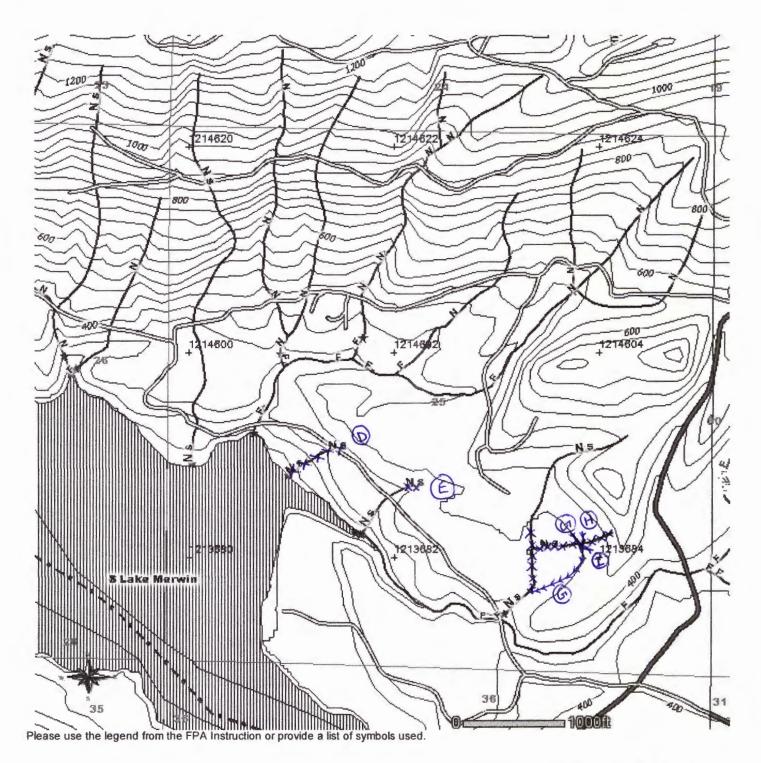
(For chang	ges to the Water Type	э Мар)			
* Proponent name		Org	anization name	and address	Telephone number
Kirk Naylor		Pacif	fiCorp Energy		(503) 813-6619
Kinh S Nay	h		NE Multnomah, Si	uite 1500	Email address
of min 3 10 mg		Porti	and, OR 97232		kirk.naylor@PacifiCorp.com
Surveyor name (s)	The second secon	Ora	anization name	and address	Telephone number
				and address	(503) 660-8760
Joe Berry		1	on Logging Inc.		
(fre	2_		Down River DR		Email address
0		VVOO	dland, WA 98674		jberry@chiltonlogging.com
Check applicable boxes: []*Adding streams/lakes []*Removing streams/lal []*Changing location of streams/lat 1. *Water Segment ID	kes (describe in box	ibe in box	[] Other.	ing water type Describe	
1. Water Segment ID	2. Name of Water			Township, R	
E		LAKE	Mowin		See. 25, TGN, R3E
5. *County	6. Water Type Show	wn on	7 Proposed W		8. *Date of Field Assessment
Clark	Map A 1		NS		04/15/15
	N ₅				01/11/13
*Forest Practices Applied	cation Number(s) (if a	applicable)			
10. Change is based on th	ne following (check al	I that appl	v).		
[] ID Team: (If you check to [] Visual observation (If you [] Random Measurements [] Incremental Measureme	his box attach ID team re ou check this box fill out (If you check this box f	eport) t block 11-16 fill out block ox fill out blo	6) 11-16)	mation in block	11-16 no need to fill in these blocks)
[] No fish found					
[] Physical characteristics[] Channel is a public wate			11-16) Ince from diversion	0	
[] Channel is a fish hatche			hery name		
		Dista	nce downstream	from hatchery	
[] Water feature does not r	meet WAC 222-16-031	definition.			
Describe:					
11. Water levels in the su	rvey area were:	[] Above I	Normal	[] Normal	[] Below Normal
Was there a drought warning	ng issued by the DNR?	[]Yes []	No		
Document is located at (ht	tp://www.dnr.wa.gov/Bu	usinessPerr	mits/Topics/Forest	PracticesApplic	ations/Pages/fp_watertyping.aspx)
If yes, describe:					

12. Channel Characteristics (Use stream segment tally sh	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	7)
[] The end of harvest or property boundary [] The junction of two or more streams	
Do the Type F physical characteristics occur above su	rveyed segment? [] Yes [] No
[] The uppermost point of perennial flow. (describe in block [] The last observed fish	16)
[] The upper extent of proposed fish habitat	
Physical characteristics	
[] Other (describe):	the field and if available letitude and lengitude of time break legation
	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
No. Continue to block 15	
[] Unable to access [] Yes. Mark box(s) below	
	to the short of 1 Others (december)
[] Natural barriers: [] Falls [] Cascades [] Bedr	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	you checked. Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	rield observation
Describe location:	
15. Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	conditions and fink distribution in the streets
Describe how these affected current stream channel	conditions and fish distribution in the stream.
evnert report and stationing)	attachments: (survey cards, photos of type break, field notes,
Deleting a small portion of str	um segment that down't exist.

CIVEOLI INVOLUCE VALUALLI MIVI

TOWNSHIP 6 NORTH HALF 0, RANGE 3 EAST (W.M.) HALF 0, SECTION 265

Application #: **PC-27-15-0113**



4/21/2015, 2:33:12 PM NAD 83 Contour Interval: 40 Feet



Region	WRIA	Year	Number
PC	27	15	0114
omment	Due Date		

DNR Office Summary

(For office use only)

	Concur	oncur Non-concur		Date Comment Received		
			Email	Phone	In Person	No Reply
DNR: Scott Hancock	V					
WDFW: Sam Kolb	V				8-20-15	
DOE: Rod Thysell	7-13-15		-			
Tribe: Yakama	7.5					/
^{Tribe:} Cowlitz						
Tribe:						
Other:						
Other: Marty Acker						

CHANDLER, BRUCE (DNR)

From:

HANCOCK, SCOTT (DNR)

Sent:

Thursday, August 06, 2015 1:51 PM

To:

DNR RE FPAN-PC

Subject:

FW: Water Type Modification Requests

Below is the email from Rod Thysell concurring with these five WTMF's. Thanks

<PC-27-15-0068.pdf>

<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>

<PC-28-15-0065.pdf>

<PC-28-15-0099.pdf>

From: Thysell, Rod (ECY)

Sent: Monday, July 13, 2015 2:27 PM

To: HANCOCK, SCOTT (DNR)

Cc: Kolb, Samuel S (DFW); Greg Morris (morg@yakamafish-nsn.gov); martin acker@fws.gov; Shannon Wills

Subject: Re: Water Type Modification Requests

I've reviewed these 5 WTMs Scott and I concur with them.

Thanks,

Rod

Sent from my iPhone

On Jul 8, 2015, at 11:48 AM, HANCOCK, SCOTT (DNR) < SCOTT.HANCOCK@dnr.wa.gov > wrote:

Hello-

I am trying to clean up some Water Type Modification Requests since we won't be meeting as group for a while. Please review the attached requests and let me know if you concur, would like to do a site visit or have any comments. All five of these look pretty straight forward to me, adding, removing and changing the location of streams. Please take a look and get back to me by July 24th. Thanks

Scott Hancock

Forest Practices Forester, Washougal Unit

Pacific Cascade Region

Washington State Department of Natural Resources (DNR)

Office: 360-577-2025 Cell: 360-608-9294

<PC-27-15-0068.pdf>

<PC-27-15-0069.pdf>

<PC-27-15-0114.pdf>



Region Reference N Region WRIA		Year	Number		
DA	-97	. 15	011/		
	-21	TO	OTT		

[] Below Normal

[] Normal

Read instructions prior to filling out

Water Type Modification Form (For changes to the Water Type Map) * Proponent name Organization name and address Telephone number PrintiCorp Energy 825 NE Multmond, Ste 1500 (503) 913 - 6619 Email address Kick S NAYlor Portland, OR 97232 Kirk, naybor Priticorp, com Organization name and address Surveyor name (s) Telephone number (50) 660 -8 760 Chilton Losging Inc Toe Berry 17600 Down River Dr. Email address sberry ochilton logging, com Woodland WA 98674 Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] Other. Describe_ *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) AA Lake Merwin NW, SE Sec. 25, TGN, RZE 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on 04/15/15 Clark 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks)] ID Team: (If you check this box attach ID team report) Visual observation (If you check this box fill out block 11-16) Random Measurements (If you check this box fill out block 11-16) [] incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known) [] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery_ [] Water feature does not meet WAC 222-16-031 definition. Describe:

Was there a drought warning issued by the DNR? [] Yes [] No

11. Water levels in the survey area were:

If yes, describe:

[] Above Normal

Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp watertyping.aspx)



Region	WRIA	Year	Number
DO	OP	4 ~	044
ru	-27-	15	-U114

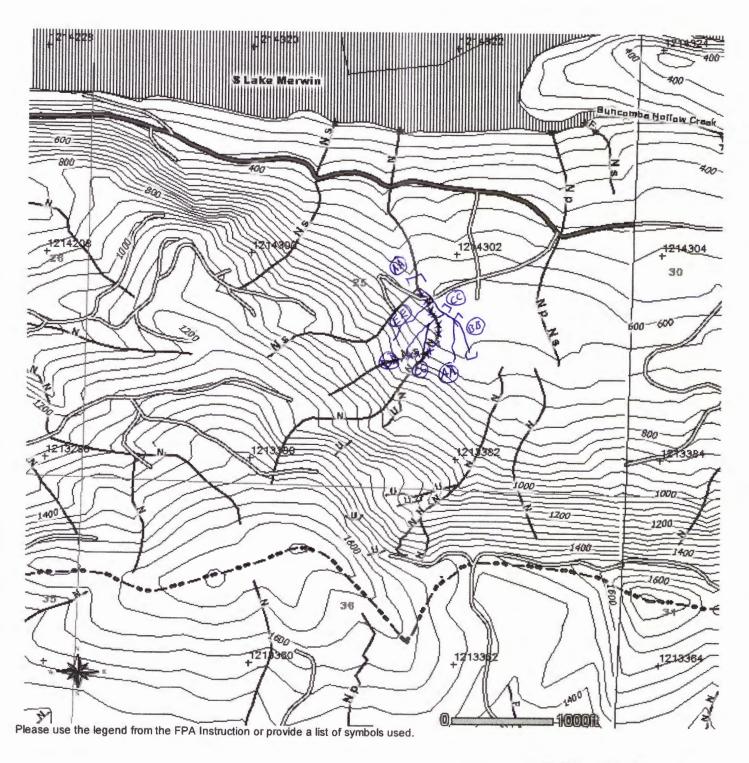
Water Type Modification Form (For changes to the Water Type Map) Organization name and address Telephone number * Proponent name PacifiCorp Energy 825 NE Maltronich, Sk 1500 (54) 813-6619 Email address Portland, OR 97 232
Organization name and address Kirk. Naylore pacificorp, com Telephone number Surveyor name (s) Chilton Loggins Inc (50) 660-8760 Joe Berry 1760 Down Riva Dr. Email address berrye chilton loggins, con Woodland, hit 98674 Check applicable boxes: *Adding streams/lakes [] Changing water type *Removing streams/lakes (describe in box 16) Other. Describe_ [] *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) BB, CC, DD, EE Lake Mewin NW, SE Sc. 25, + GN, RZE 8. *Date of Field Assessment 5. *County 7. Proposed Water Type 6. Water Type Shown on Clark 04/15/15 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) [] ID Team: (If you check this box attach ID team report) [] Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known)] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: [] Below Normal [] Normal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? [] Yes [] No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx) If yes, describe:

12. Channel Characteristics (Use stream segment tally st	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
sheet.)	,
[] Protocol electrofishing survey (attached survey information	7)
[] The end of harvest or property boundary	
[] The junction of two or more streams	
Do the Type F physical characteristics occur above su	
[] The uppermost point of perennial flow. (describe in block [] The last observed fish	10)
[] The upper extent of proposed fish habitat	
Physical characteristics	
Other (describe):	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
Trovace a description of water type steak, now it is marked in	and note and in available latitude and longitude of type block results.
14. Are there any fish passage barriers downstream of the	e surveyed stream segment(s)?
[] No. Continue to block 15	
[] Unable to access	
[] Yes. Mark box(s) below	
[] Noticed barriers: [] Falls [] Cascadas [] Dade	rook shutes [] Other (describe):
[] Natural barriers. [] Falls [] Cascades [] Bedi	rock chutes [] Other (describe):
Enter the length, height and gradient of the natural barrier Length Height	you checked. Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] F	ield observation
Describe location:	
Describe location.	
15. Is there evidence of recent mass wasting (filling in th	e stream channel) or scouring events?
[] No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
46 Deside any additional abolt in the state of the	ettechmente (europe enter abates of two books fold and
expert report and stationing)	attachments: (survey cards, photos of type break, field notes,
All streams are upstream of	Non-Sih (PCZ7 140132)

VILLOI I IVAVIIVE AVIIVI IIIAI

TOWNSHIP 6 NORTH HALF 0, RANGE 2 EAST (W.M.) HALF 0, SECTION 25

Application #: PC-27-15-0114



4/21/2015, 3:32:03 PM NAD 83 Contour Interval: 40 Feet



Region	n Reference I	Number- DN	R Use Only
Region	WRIA	Year	Number
PC	27	15	0116
Comment	Due Date		
	7/8	3/2015	

DNR Office Summary

(For office use only)

Name of Reviewers	Concur	Non-concur	D	ate Commer	nt Received	
			Email	Phone	In Person	No Reply
ONR: Geoff Crosby	6ºl				16-21-15	
WDFW: Sam Kolb	V				10-20-15	
DOE: Rod Thysell	Oh				Intonis	
^{Tribe:} Yakama					19292	/
^{Tribe:} Cowlitz						4
Tribe:						
Other:						1112
Other: Marty Acker						
DNR Concur ustification:		IR Non-concur				
				RT3	Da	te6/8/2015



Region	WRIA	Year	Number
PC.	.24-	15-	0116
10	NI	10	OII

Water Type Modification Form (For changes to the Water Type Map) * Proponent nam Organization name and address Telephone number Printerp Energy (52) 813-6619 825 NE Multhomah, Ste 1500 Email address Kirk, maylore preiticorp. a Portland OR 97 232
Organization name and address Surveyor name (s) Telephone number Chilton Logging Inc (Sa) 660-8760 Too Berry 1760 DOWN River Or Email address sherrye chilton beging, con Woodland WA 98674 Check applicable boxes: [] *Adding streams/lakes [] Changing water type [] *Removing streams/lakes (describe in box 16) [] Other. Describe *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, FF 5. *County 04/20/15 Skamma 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) 1 ID Team: (If you check this box attach ID team report) ID Team: (If you check this box attach ID team report)
 Visual observation (If you check this box fill out block 11-16) Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known) [] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: 11. Water levels in the survey area were: [] Above Normal Normal Below Normal Was there a drought warning issued by the DNR? [] Yes [] No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx)

If yes, describe:

PC-24-15-0116

12. Channel Characteristics (Use stream segment tally sh	neet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient	Steepest gradient Average wetted width
Average gradient	Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
13. The water type break was determined by: (Check all	boxes that apply. For multiple segments use stream tally
	boxes that apply: I of maniple beginning also should tally
sheet.)	
[] Protocol electrofishing survey (attached survey information	n)
[] The end of harvest or property boundary	"
The end of harvest of property boundary The junction of two or more streams	
Do the Type F physical characteristics occur above su	ON [] Sevenant? [] Ves [] No
[] The uppermost point of perennial flow. (describe in block	
[] The last observed fish	10)
The last observed lish The upper extent of proposed fish habitat	
[] Physical characteristics	
Provide a description of water type break, how it is marked in	the field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of th	e surveyed stream segment(s)?
14. Are there arily his passage barriers downstream or the	o da voyed diream oogmeni(o).
I I No Continue to block 15	
[] No. Continue to block 15 [] Unable to access	
✓ Yes. Mark box(s) below	
[] Natural barriers: [] Falls [] Cascades [] Bedi	rock chutes MOther (describe): PC27440218
[] realization to the control of th	TOOK GILDES V COUNTRY).
Enter the length, height and gradient of the natural barrier	you checked.
Length Height	Gradient
[] Temporary barriers (log jams)	
[] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No	
Fish passage barriers were identified by: [] Maps [] F	ield observation
1 isin passage barriers were identified by: [] maps [] i	Total oboditation
Describe location:	
Describe rood for.	
15. Is there evidence of recent mass wasting (filling in the	on atroom channel) or coouring events?
15. Is there evidence of recent mass wasting (illing in the	le stream chamber) or scouning events?
√in.	
X No	
[] Yes. Estimate when the event occurred	
Describe how these affected current stream channel	conditions and fish distribution in the stream.
	the description of the basel Cold and
	attachments: (survey cards, photos of type break, field notes,
expert report and stationing)	
Move Channel to Creet 1.	cation
14 ove Charles	



Region	WRLA	Year	Number
DC	-24-	15.	-0116
LC	24	IO	OII

Water Type Modification Form (For changes to the Water Type Map) Organization name and address
Pacifility Energy
825 NE Malthomah, Stelsoo Telephone number * Proponent name (503) 813-6619 Email address Portland, OR 97232 Organization name and address Kirk, mybra Pacificorp, com Telephone number Surveyor name (s) (50) 660-8760 Chilton Logging Inc JOE Berry 1760 Down Riva Dr Email address Woodhad, WA 98674 berry e chilton logging, com Check applicable boxes: [] *Adding streams/lakes Changing water type Other. Describe [] *Removing streams/lakes (describe in box 16) *Changing location of streams/lakes (describe in box 16) 1. *Water Segment ID 2. Name of Water 3. Tributary To 4. *Legal Description (1/4, 1/4 Section, Township, Range, E/W) Yale Lake SW, NE See 20, TZN, RSE
6. Water Type Shown on 7. Proposed Water Type 8. *Date of Field Assessment 5. *County 04/20/15 S Kamania 9. *Forest Practices Application Number(s) (if applicable) 10. Change is based on the following (check all that apply). Survey method: [] Electrofishing Protocol Survey (attach survey report; if report addresses information in block 11-16 no need to fill in these blocks) 1 ID Team: (If you check this box attach ID team report) Visual observation (If you check this box fill out block 11-16) [] Random Measurements (If you check this box fill out block 11-16) [] Incremental Measurements If you check this box fill out block 11-16) [] Fish found List species found (if known)] No fish found Physical characteristics (If you check this box fill out block 11-16) Channel is a public water diversion Distance from diversion [] Channel is a fish hatchery diversion Hatchery name Distance downstream from hatchery [] Water feature does not meet WAC 222-16-031 definition. Describe: Normal [] Below Normal [] Above Normal 11. Water levels in the survey area were: Was there a drought warning issued by the DNR? [] Yes [] No Document is located at (http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx)

If yes, describe:

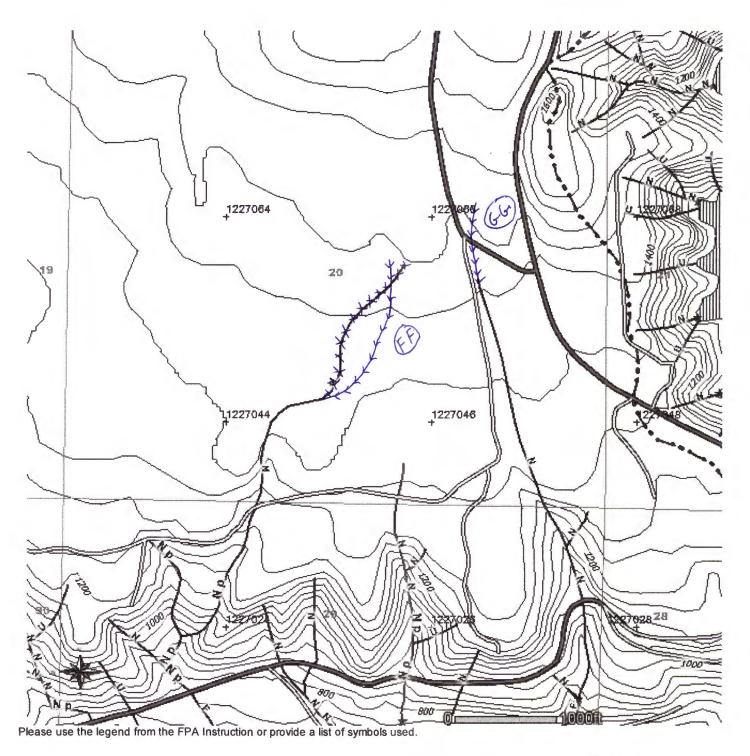
PC-24-15-0116

12. Channel Characteristics (Use stream segment tally sh	eet for multiple stream segment information.)
Number of bankfull width measurements	Narrowest bankfull width measurement
Widest bankfull width measurement	Average bankfull width
Lowest gradient Average gradient	Steepest gradient Average wetted width
Ponds and impoundments >0.5 acre [] Yes [] No	Number of protocol pools
Torrad and impossibilities 20.0 date [] Too [] No	Number of protocol pools
13. The water type break was determined by: (Check all t	poxes that apply. For multiple segments use stream tally
sheet.)	The state of the s
51100t.)	
[] Protocol electrofishing survey (attached survey information))
[] The end of harvest or property boundary	
[] The junction of two or more streams Do the Type F physical characteristics occur above sur	nyoyod sagmant2 [] Ves [] No
[] The uppermost point of perennial flow. (describe in block 1	
[] The last observed fish	5 /
[] The upper extent of proposed fish habitat	
[] Physical characteristics	
Other (describe): Dry Channel	
Provide a description of water type break, how it is marked in the	he field and if available latitude and longitude of type break location:
14. Are there any fish passage barriers downstream of the	s surveyed stream segment(s)?
17. Are there any han passage barriers downstream of the	, surveyed stream segment(s):
No. Continue to block 15	
[] Unable to access	
Yes. Mark box(s) below	
[] Natural harriers: [] Falls [] Cascades [] Redro	ock chutes [] Other (describe): PC 2714 0218
[] Tatisful Barriers. [] Falls [] Substates [] Beart	you chalco [] Other (decombo). To compare the compare
Enter the length, height and gradient of the natural barrier y Length Height	
	Gradient
[] Temporary barriers (log jams) [] Man-made barriers, Describe:	
Were fish observed above the barrier? [] Yes [] No Fish passage barriers were identified by: [] Maps [] Fi	eld observation
Describe location:	
Is there evidence of recent mass wasting (filling in the	e stream channel) or scouring events?
To Valo	
DXN0	
7.1V F #	
[] Yes. Estimate when the event occurred	conditions and fish distribution in the stream
Describe now these anected current stream channel c	orditions and list distribution in the stream.
16. Provide any additional clarifying information and list a	attachments: (survey cards, photos of type break, field notes,
and the second of the second o	
alocard da channol ber	and what shown on
observed dry channel bey	
EPA Maps.	

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 7 NORTH HALF 0, RANGE 5 EAST (W.M.) HALF 0, SECTION 20

Application #: PC-24-15-0116



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