



**PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY**  
P.O. Box 1231, Wenatchee, WA 98807-1231 • 327 N. Wenatchee Ave., Wenatchee, WA 98801  
(509) 663-8121 • Toll free 1-888-663-8121 • [www.chelanpud.org](http://www.chelanpud.org)

May 30, 2017

**VIA ELECTRONIC FILING**

Ms. Kimberly D. Bose, Secretary  
FEDERAL ENERGY REGULATORY COMMISSION  
888 First Street, NE  
Washington, DC 20426

Re: **Lake Chelan Hydroelectric Project No. 637**  
**Article 404 (b) – 2016 Annual Fish Stocking Report**

Dear Secretary Bose:

The Federal Energy Regulatory Commission (Commission) issued the “Order Modifying and Approving Lake Chelan Fishery Plan, Article 404” on December 4, 2007 (LCFP Order).<sup>1</sup> The Plan satisfies the License Article 404 requirement of the “Order on Offer of Settlement and Issuing New License”<sup>2</sup> (License) and “Order on Rehearing”<sup>3</sup> for the Lake Chelan Hydroelectric Project (Project) on November 6, 2006, and April 19, 2007, respectively.

Under Ordering Paragraph (B) of the LCFP Order, Chelan County Public Utility District (Chelan PUD) hereby files the Lake Chelan 2016 Fish Stocking Report. The Fish Stocking Report is coordinated and prepared by the Lake Chelan Fish Forum (LCFF) during development of the LCFF’s annual work planning process. Summary tables showing the numbers of fish stocked into Lake Chelan in 2016 and planned stocking levels for 2017 are included in this report. Coordination and consultation with the LCFF on the development of the Fish Stocking Report is attached as Table A.

The Lake Chelan Fishery Plan (LCFP) and Settlement Agreement Article 6(d) require Chelan PUD to make available to the Washington State Department of Fish and Wildlife (WDFW) sufficient funding to rear annually the following resident fish at the Chelan Hatchery for stocking in Lake Chelan: (1) approximately 5,000 pounds of salmonid fingerlings; and (2) approximately 33,000 pounds of catchable-sized salmonids. An Interagency Agreement exists between the Chelan PUD and the WDFW to provide funding for fish rearing and stocking.

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<sup>1</sup> 121 FERC ¶ 62,167.

<sup>2</sup> 117 FERC ¶ 62,129.

<sup>3</sup> 119 FERC ¶ 61,055.

In 2008, the LCFF recommended eliminating stocking catchable-sized rainbow trout in the lake and focusing on stocking catchable-sized westslope cutthroat trout (WCT) as a replacement for rainbow trout. The goal was then, and continues to be, to enhance the WCT population in the lake and tributaries, while still providing for a recreational fishery. Due to the difficulty with rearing a wild-origin stock of WCT in a hatchery environment, this effort was partially successful in previous years. WCT have been very difficult to rear to catchable size due to eggs being collected from wild stock, the offspring from which are much more difficult to culture (more susceptible to disease, reduced growth rates, avoidance/fright behavior, etc.) than more domesticated stocks, such as rainbow trout. Subsequently, WDFW and Chelan PUD have worked with the LCFF attempting to meet stocking levels with triploid rainbow trout to make up for the shortfall of WSCT to support the recreational fishery. However, WDFW and Chelan PUD coordinated alternative rearing practices and facilities for WCT, and were able to produce WCT to catchable size and stock them into Lake Chelan for the first time in 2014 and again in 2015.

A significant note for 2016 of actual fish stocked into Lake Chelan was 122,367 WCT at 3.9 fish per pound (FPP) released into the lake. This was the second time that WCT of approximate catchable size were stocked successfully into the lake for recreational fishing, and the second occasion where the full license requirement of 33,000 pounds of catchable-sized salmonids was met completely with WCT.

The LCFF has remained supportive of continuing efforts to stock all catchable-sized salmonids as WCT. The Lake Chelan stocking program, in addition to refinements as more is learned regarding culturing wild-origin WCT, will be continued into the future with the ongoing goal of producing the entire license stocking production requirement of trout to be WCT and reducing or eliminating stocking triploid rainbow trout, to the greatest extent practicable.

Please do not hesitate to contact me regarding any questions or comments regarding the fish stocking report.

Sincerely,



Jeffrey G. Osborn  
License Compliance Supervisor  
jeff.osborn@chelanpud.org  
(509) 661-4176

cc: Erich Gaedeke, FERC-PRO  
Lake Chelan Fishery Forum

Enclosures: Table of Consultation Documentation  
2016 Annual Fish Stocking Report

# Lake Chelan Fishery Forum 2016 Annual Work Plan Comments Regarding Fish Stocking

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The Lake Chelan Fishery Forum (LCFF) met on December 15, 2016 to begin developing the 2017 LCFF Annual Work Plan and 2016 Annual Fish Stocking Report. For 2016, all LCFF participants supported continuing to rear and stock fish into Lake Chelan to enhance the recreational fishery. Emails demonstrating Chelan PUD consultation with the LCFF for developing the LCFF Annual Work Plan and Annual Fish Stocking Report are included in Table A below.

<b>TABLE A – CONSULTATION ON DEVELOPMENT OF THE FISH STOCKING REPORT</b>					
<b>From</b>	<b>To</b>	<b>Date</b>	<b>Subject</b>	<b>Fish Stocking Report Comment</b>	<b>Chelan PUD Response</b>
Chelan PUD	LCFF	December 12, 2016	Meeting announcement and agenda to begin developing the 2017 LCFF Annual Work Plan	No comment on fish stocking	
NPS	Chelan PUD	December 13, 2016	M&E information for LCFF Annual Work Plan meeting	No comment on fish stocking plan/report	
USFS	Chelan PUD	December 14, 2016	USFS draft monitoring proposal for LCFF Annual Work Plan	No comment on fish stocking plan/report	
WDFW	NPS	December 29, 2016	2016 Actual Fish Stocking and 2017 Fish Stocking Plan tables	Fish stocking tables from WDFW	Tables incorporated into LCFF AWP and Annual Fish Stocking Report
WDFW	NPS	January 5, 2017	WDFW section to be incorporated into 2017 LCFF Annual Work Plan	No comment on fish stocking plan/report	
WDFW	NPS	January 5, 2017	WDFW sections and budgets to be incorporated into 2017 LCFF Annual Work Plan	No comment on fish stocking plan/report	
NPS	LCFF	January 23, 2017	First draft 2017 LCFF Annual work Plan	No comment on fish stocking plan/report	

**TABLE A – CONSULTATION ON DEVELOPMENT OF THE FISH STOCKING REPORT**

<b>From</b>	<b>To</b>	<b>Date</b>	<b>Subject</b>	<b>Fish Stocking Report Comment</b>	<b>Chelan PUD Response</b>
Chelan PUD	NPS	January 2017	Chelan PUD edits to LCFF Annual Work Plan	No comment on fish stocking plan/report	
NPS	Chelan PUD	February 8, 2017	Final draft 2017 LCFF Annual work Plan	No comments from NPS, WDFW, or USFS on fish stocking plan/report	
Chelan PUD	LCFF	March 8, 2017	Final 2017 LCFF Annual Work Plan completed and distributed to the LCFF	No comment on fish stocking plan/report	
WDFW	Chelan PUD	April 6, 2017	Articles on excellent WCT fishing in Lake Chelan and success of stocking program	No comment on fish stocking plan/report	
Chelan PUD	WDFW	May 5, 2017	Email supporting WCT stocking into the upper Chelan River	No comment on fish stocking plan/report	
WDFW	Chelan PUD	May 8, 2017	Upper Chelan River WCT stocking schedule	No comment on fish stocking plan/report	

# Lake Chelan Fishery Forum 2016 Annual Fish Stocking Report, Final

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**Lake Chelan Hydroelectric Project  
FERC No. 637**

**Annual Fish Stocking Report**  
**License Article 404. *Lake Chelan Fishery Plan***

**FINAL**

May 30, 2017



*Prepared by:*  
**Public Utility District No. 1 of Chelan County**  
**327 North Wenatchee Avenue**  
**Wenatchee, WA 98801**

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On November 6, 2007, Public Utility District No. 1 of Chelan County (Chelan PUD) filed the Lake Chelan Fishery Plan (LCFP) pursuant to Article 404 of the Federal Energy Regulatory Commission Order on Offer of Settlement and Issuing New License dated November 6, 2006 for the Lake Chelan Hydroelectric Project. The Federal Energy Regulatory Commission (FERC) approved the LCFP in the Order Modifying and Approving Lake Chelan Fishery Plan, Article 404, dated December 4, 2007. Stated in the Order, under The Director Orders: section (B) is the following:

(B) The licensee shall file with the Commission by June 1, beginning in 2008, their Annual Fish Stocking Report. If any recommended fish enhancement measures are proposed to be implemented in place of stocking, the licensee's report shall be filed for commission approval. The licensee shall allow the Lake Chelan Fisheries Forum 30 days to provide comments and/or recommendations on their report before filing the report with the commission. The filing shall include comments and or recommendations from the Lake Chelan Fisheries Forum and the licensee's response to any comments. Based on review of the report, the Commission reserves the right to require changes to the project to ensure compliance with the license.

This report satisfies Article 404 requirements for annual reporting of activities associated with fish stocking in Lake Chelan. Section 4.6.3 of Chapter 6 of the Lake Chelan Settlement Agreement (SA) Comprehensive Plan requires Chelan PUD to make available to the Washington Department of Fish and Wildlife (WDFW) sufficient funding to rear annually the following resident fish for stocking in Lake Chelan:

1. Approximately 5,000 pounds of salmonid fingerlings (for example: 500,000 fish at 100 fish/lb, presently kokanee).
2. Approximately 33,000 pounds of catchable-sized salmonids (for example: approximately 100,000 fish at 3 fish/lb, presently westslope cutthroat trout (WCT) and triploid rainbow trout (RBT)).

Chelan PUD has provided funding to WDFW annually for rearing resident fish, primarily at the Chelan Hatchery, described previously since issuance of the Lake Chelan Project operating license in 2006. The Lake Chelan Fishery Forum (LCFF), which is comprised of the signatories to the SA (WDFW, USDA Forest Service, National Park Service, U.S. Fish and Wildlife Service, the Confederated Tribes of the Colville Reservation, the Yakama Nation, Washington Department of Ecology, Chelan PUD, the Lake Chelan Sportsman's Association, and the city of Chelan), recommended during relicensing negotiations to attempt to reduce, and eventually eliminate, the number of rainbow trout and increase the number of westslope cutthroat trout (WCT) stocked into Lake Chelan. The ultimate goal of the LCFF is to stock only catchable-sized WCT and no rainbow into Lake Chelan to support the recreational fishery and help rebuild the WCT population in the lake. Most (80%) WCT stocked to date have been adipose fin clipped, with fin-clipped trout legal to retain by sport fishers and non-clipped fish required to be released, per WDFW fishing regulations. Additionally, the LCFF has supported efforts by WDFW to stock WCT fry into tributaries to Lake Chelan as an additional effort to help rebuild the WCT population in the Lake Chelan Basin.

Significant efforts have been made between WDFW hatchery personnel and Chelan PUD staff to increase the number of catchable-sized WCT available for stocking into Lake Chelan, including investigating alternative rearing vessels, feed type and methods, rearing vessel habitat/cover, and rearing location. WCT are challenging to rear in the hatchery environment because they are wild-origin fish, with eggs being collected from Twin Lakes adult broodstock. Twin Lakes stock originated from Lake Chelan, and has been approved by the LCFF for stocking into Lake Chelan.

Planned and actual fish stocking data (stocking location, species, origin, number, fish size, and stocking date) for 2011-2016 are shown in Tables 1 - 12 below (Cory Morrison, Travis Maitland, WDFW, pers. com.).

**Table 1. 2011 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking date
<b>Lake Chelan Tributaries</b>					
Four Mile Creek	Cutthroat	Twin LK	10,000	Eyed eggs	June
Cascade Creek	Cutthroat	Twin LK	5,000	Fry	June or July
Bear Creek	Cutthroat	Twin LK	3,000	Fry	June or July
Big Creek	Cutthroat	Twin LK	2,000	Fry	June or July
<b>Lake Chelan</b>					
	Cutthroat	Twin LK	100,000	15	March
		Ad- clipped	(80%)		
	Kokanee	Lake Chelan	80,000	80	Mid-May
	Triploid Rainbows	Spokane	1,000	0.4	May - September
	Triploid Rainbows	Spokane	50,000	2.5	August-September
<b>Mill Creek</b>					
	Cutthroat	Twin LK	3,000	Fry	June or July

**Table 2. 2011 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking date
<b>Lake Chelan Tributaries</b>					
First Creek	Cutthroat	Twin LK	26,899	Fry	Early September
<b>Lake Chelan</b>					
	Cutthroat	Twin LK	137,224	Fry	Late September
	Cutthroat	Twin LK	51,949	15	April
		Ad-clipped	(80%)		
	Kokanee	Lake Chelan	0	N/A	N/A
	Triploid Rainbow	Spokane	1,686	0.4	May - September
	Triploid Rainbow	Spokane	46,829	3.4	August - September



**Table 3. 2012 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,091	Fry	June or July
First Creek	Cutthroat	Twin LK	14,545	Fry	June or July
Grade Creek	Cutthroat	Twin LK	3,636	Fry	June or July
Safety Harbor Creek	Cutthroat	Twin LK	2,727	Fry	June or July
Company Creek	Cutthroat	Twin LK	78,750	Fry	June or July
Blackberry Creek	Cutthroat	Twin LK	81,900	Fry	June or July
<b>Lake Chelan</b>	Cutthroat	Twin LK	50,000	15	March
		Ad clipped (80%)			
	Kokanee	Lake Chelan	80,000	80	Mid May
	Triploid Rainbow	Spokane	1,000	0.5	May - September
	Triploid Rainbow	Spokane	50,000	2.5	August - September
<b>Mill Creek</b>	Cutthroat	Twin LK	3,000	Fry	June or July

**Table 4. 2012 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,000	Fry	August
Twenty Five Mile Creek	Cutthroat	Twin LK	7,803	10	June
First Creek	Cutthroat	Twin LK	15,000	Fry	August
Grade Creek	Cutthroat	Twin LK	3,000	Fry	September
Safety Harbor Creek	Cutthroat	Twin LK	3,500	Fry	September
Company Creek	Cutthroat	Twin LK	17,500	Fry	September
Blackberry Creek	Cutthroat	Twin LK	0	Fry	
<b>Lake Chelan</b>	Cutthroat	Twin LK	72,980	15	April
		Ad clipped (80%)			
	Cutthroat	Twin LK	1,000	Fry	September
	Kokanee	Lake Chelan	27,200	100	Mid May
	Triploid Rainbow	Spokane	1,898	0.8	October
	Triploid Rainbow	Spokane	39,339	2.5	August - September

**Table 5. 2013 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,000	Fry	June – August
First Creek	Cutthroat	Twin LK	14,700	Fry	June – August
Grade Creek	Cutthroat	Twin LK	2,700	Fry	June – August
Safety Harbor Creek	Cutthroat	Twin LK	3,200	Fry	June – August
Mitchell Creek	Cutthroat	Twin LK	4,000	Fry	June – August
Fish Creek	Cutthroat	Twin LK	6,000	Fry	June – August
Gold Creek	Cutthroat	Twin LK	1,200	Fry	June – August
Prince Creek	Cutthroat	Twin LK	4,700	Fry	June – August
Company Creek	Cutthroat	Twin LK	30,000	Fry	June – August
Blackberry Creek	Cutthroat	Twin LK	30,000	Fry	June – August
<b>Lake Chelan</b>	Cutthroat	Twin LK	15,000	15	March
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	0		
	Triploid Rainbow	Spokane	1,000	0.5	May - September
	Triploid Rainbow	Spokane	50,000	2.5	August - September

**Table 6. 2013 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,000	Fry	August – September
First Creek	Cutthroat	Twin LK	19,000	Fry	August – September
Lake Chelan	Cutthroat	Twin LK	2,700	Fry	August – September
Safety Harbor Creek	Cutthroat	Twin LK	3,200	Fry	August – September
Mitchell Creek	Cutthroat	Twin LK	4,000	Fry	August – September
Fish Creek	Cutthroat	Twin LK	6,000	Fry	August – September
Gold Creek	Cutthroat	Twin LK	1,200	Fry	August – September
Prince Creek	Cutthroat	Twin LK	4,700	Fry	August – September
Company Creek	Cutthroat	Twin LK	30,000	Fry	August – September
Stehekin River	Cutthroat	Twin LK	30,000	Fry	August – September
<b>Lake Chelan</b>	Cutthroat	Twin LK	16,953	13 – 9.5	April
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	0		
	Triploid Rainbow	Spokane	2,338	0.5	May – July
	Triploid Rainbow	Spokane	69,993	2.5	September - October

**Table 7. 2014 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Fish Creek	Cutthroat	Twin LK	6,000	Fry	July – August
Gold Creek	Cutthroat	Twin LK	1,300	Fry	July – August
Prince Creek	Cutthroat	Twin LK	4,700	Fry	July – August
Cascade Creek	Cutthroat	Twin LK	600	Fry	July – August
Four Mile Creek	Cutthroat	Twin LK	2,100	Fry	July – August
Big Creek	Cutthroat	Twin LK	700	Fry	July – August
Pyramid Creek	Cutthroat	Twin LK	2,300	Fry	July – August
Company Creek	Cutthroat	Twin LK	30,000	Fry	July – August
Blackberry Creek	Cutthroat	Twin LK	30,000	Fry	July – August
<b>Lake Chelan</b>	Cutthroat	Twin LK	50,000+	2.5	July - August
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	70,000	<100	May
	Triploid Rainbow	Spokane	50,000	2.5	August - September
	Triploid Rainbow	Spokane	2,000	0.5	May - September

**Table 8. 2014 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Fish Creek	Cutthroat	Twin LK	6,000	426	August
Gold Creek	Cutthroat	Twin LK	1,300	557	August
Prince Creek	Cutthroat	Twin LK	4,700	557	August
Cascade Creek	Cutthroat	Twin LK	600	426	August
Four Mile Creek	Cutthroat	Twin LK	2,100	426	August
Big Creek	Cutthroat	Twin LK	700	557	August
Pyramid Creek	Cutthroat	Twin LK	2,300	557	August
Company Creek	Cutthroat	Twin LK	30,000	402	August
Blackberry Creek	Cutthroat	Twin LK	30,000	426	August
Chelan River			2,000	242	October
<b>Lake Chelan</b>	Cutthroat	Twin LK	47,483	3.5	June
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	70,177	85	May
	Triploid Rainbow	Spokane	728	0.2-0.25	June
	Triploid Rainbow	Spokane	38,846	~2.5	October - November

**Table 9. 2015 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,000	Fry	July – August
First Creek	Cutthroat	Twin LK	14,700	Fry	July – August
Mitchell Creek	Cutthroat	Twin LK	4,000	Fry	July – August
Grade Creek	Cutthroat	Twin LK	2,700	Fry	July – August
Safety Harbor Creek	Cutthroat	Twin LK	3,200	Fry	July – August
Cascade Creek Creek	Cutthroat	Twin LK	600	Fry	July – August
Four Mile Creek	Cutthroat	Twin LK	2,100	Fry	July – August
Big Creek	Cutthroat	Twin LK	700	Fry	July – August
Pyramid Creek	Cutthroat	Twin LK	2,300	Fry	July – August
Company Creek	Cutthroat	Twin LK	30,000	Fry	July – August
Blackberry Creek	Cutthroat	Twin LK	30,000	Fry	July – August
<b>Lake Chelan</b>	Cutthroat	Twin LK	100,000	3.0	July–August
		Ad-Clipped (80%)			
Kokanee	Lake Chelan	LK Chelan	80,000	<100	May
	Triploid Rainbow	Spokane	TBD	2.5	August – September
	Triploid Rainbow	Spokane	1,000	0.5	May – September

**Table 10. 2015 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek <sup>1</sup>	Cutthroat	Twin LK	20,000	Fry	July - August
First Creek <sup>1</sup>	Cutthroat	Twin LK	14,000	Fry	July - August
Mitchell Creek	Cutthroat	Twin LK	4,000	Fry	July - August
Grade Creek <sup>1</sup>	Cutthroat	Twin LK	2,000	Fry	July - August
Safety Harbor Creek <sup>1</sup>	Cutthroat	Twin LK	3,000	Fry	July - August
Cascade Creek	Cutthroat	Twin LK	6,00	Fry	July - August
Four Mile Creek <sup>1</sup>	Cutthroat	Twin LK	2,000	Fry	July - August
Big Creek	Cutthroat	Twin LK	700	Fry	July - August
Pyramid Creek <sup>2</sup>	Cutthroat	Twin LK	0	Fry	July - August
Company Creek	Cutthroat	Twin LK	30,000	Fry	July - August
Blackberry Creek <sup>2</sup>	Cutthroat	Twin LK	0	Fry	July - August
<b>Lake Chelan</b>	Cutthroat	Twin LK	103,310	2.9	July - August
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	80,227	<100	May
	Triploid Rainbow	Spokane	0	2.5	August - September
	Triploid Rainbow	Spokane	0	0.5	May - September

1 - Original planned numbers to be stocked were reduced due to a shortage in the overall WCT program.

2 - Fish stocking did not occur for select tributaries due to fire or drought conditions.

A significant note for 2014 of actual fish stocked into Lake Chelan was 47,483 westslope cutthroat trout (WCT) at 3.5 fish per pound (FPP) were stocked into the lake. This was the first time that WCT of approximate catchable size were stocked into the lake for recreational fishing. Another success experienced in 2015 for actual fish stocked into Lake Chelan was 103,310 WCT at 2.93 FPP released into the lake. This was just the second time that WCT of approximate catchable size were stocked successfully into the lake for recreational fishing, and the first occasion where the full license requirement of 33,000 pounds of catchable-sized salmonids was met completely with WCT.

As outlined previously in this document, WCT have been very difficult to rear to catchable size due to eggs being collected from wild stock, the offspring from which are much more difficult to culture (more susceptible to disease, reduced growth rates, avoidance/fright behavior, etc.) than more domesticated stocks, such as rainbow trout. However, WDFW and Chelan PUD coordinated alternative rearing practices and facilities for WCT, and were able to produce WCT to catchable size and stock them into Lake Chelan for the first time in 2014 and again in 2015 and 2016. The Lake Chelan program, in addition to refinements as more is learned regarding culturing wild-origin WCT, will be continued into the future with the ongoing goal of producing the entire license stocking production requirement of catchable-sized trout to be WCT and reducing or eliminating stocking triploid rainbow trout, to the greatest extent practicable.

**Table 11. 2016 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,000	Fry	July - August
First Creek	Cutthroat	Twin LK	14,700	Fry	July - August
Mitchell Creek	Cutthroat	Twin LK	4,000	Fry	July - August
Grade Creek	Cutthroat	Twin LK	2,700	Fry	July - August
Safety Harbor Creek	Cutthroat	Twin LK	3,200	Fry	July - August
Fish Creek	Cutthroat	Twin LK	6,000	Fry	July - August
Gold Creek	Cutthroat	Twin LK	1,300	Fry	July - August
Prince Creek	Cutthroat	Twin LK	4,700	Fry	July - August
Company Creek	Cutthroat	Twin LK	30,000	Fry	July - August
Blackberry Creek	Cutthroat	Twin LK	30,000	Fry	July - August
<b>Lake Chelan</b>	Cutthroat	Twin LK	105,000	3.0	July - August
		Ad-clipped (80%)			
	Kokanee	Lake Chelan	38,000	<100	May
	Triploid Rainbow <sup>1</sup>	Spokane	TBD	2.5	August - September
	Triploid Rainbow <sup>1</sup>	Spokane	TBD	0.5	May - September

1 - Triploid rainbow trout will be stocked only if the full requirement of 33,000 pounds cannot be met by Westslope cutthroat trout only.

Continued success in culturing and stocking WCT into Lake Chelan was achieved in 2016 as 122,367 WCT at 3.9 FPP were stocked into the lake, again meeting the full license requirement completely with WCT (Table 12).

**Table 12. 2016 Actual Fish Stocking**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Twenty Five Mile Creek	Cutthroat	Twin LK	29,010	557	August
First Creek	Cutthroat	Twin LK	14,700	539	August
Mitchell Creek	Cutthroat	Twin LK	4,000	230	September
Grade Creek	Cutthroat	Twin LK	2,700	539	August
Safety Harbor Creek	Cutthroat	Twin LK	3,200	551	August
Fish Creek	Cutthroat	Twin LK	6,000	200	September
Gold Creek	Cutthroat	Twin LK	1,300	230	September
Prince Creek	Cutthroat	Twin LK	4,700	551	August
Company Creek	Cutthroat	Twin LK	30,000	461	August
Blackberry Creek	Cutthroat	Twin LK	30,016	461	August
<b>Lake Chelan</b>	Cutthroat	Twin LK	122,367	3.9	June - July
			Ad-clipped (80%)		
	Kokanee	Lake Chelan	34,297	56	June
	Triploid Rainbow	Spokane	0	NA	NA

Planned fish stocking data for 2017 are outlined in Table 13 (Travis Maitland, WDFW, pers. com.).

**Table 13. 2017 Fish Stocking Plan**

Location	Species	Stock	Number	No. Fish/lb	Stocking Date
<b>Lake Chelan Tributaries</b>					
Fish Creek	Cutthroat	Twin LK	6,000	Fry	August-September
Gold Creek	Cutthroat	Twin LK	1,300	Fry	August-September
Prince Creek	Cutthroat	Twin LK	4,700	Fry	August-September
Cascade Creek	Cutthroat	Twin LK	600	Fry	August-September
Four Mile Creek	Cutthroat	Twin LK	2,100	Fry	August-September
Big Creek	Cutthroat	Twin LK	700	Fry	August-September
Pyramid Creek	Cutthroat	Twin LK	2,300	Fry	August-September
Company Creek	Cutthroat	Twin LK	30,000	Fry	August-September
Blackberry Creek	Cutthroat	Twin LK	30,000	Fry	August-September
<b>Lake Chelan</b>	Cutthroat	Twin LK	105,000	3.0+	June - July
			Ad-clipped (80%)		
	Kokanee	Lake Chelan	0	<100	May - June
	Triploid Rainbow <sup>1</sup>	Spokane	TBD	2.5	August - September
	Triploid Rainbow <sup>1</sup>	Spokane	TBD	0.5	May - September

1 - Triploid rainbow trout will be stocked only if the full requirement of 33,000 pounds cannot be met by Westslope cutthroat trout only.

It should be noted that in 2016, as in previous years, fingerlings/fry were stocked in tributaries to Lake Chelan and directly into Lake Chelan: WCT fry into tributaries and kokanee fry into the lake.

The intent of the WCT fry plantings is to bolster WCT population in tributaries. The efficacy of this stocking program is being investigated by WDFW with fall electrofishing in selected tributaries to determine whether the percent of WCT captured compared to RBT is increasing, which would indicate that fry stocking is assisting with rebuilding WCT populations in Lake Chelan tributaries. Stocking kokanee fry is intended to bolster the Lake Chelan kokanee population to support the very popular recreational kokanee fishery.

The final component needing inclusion in this report is stocking 200 yearling WCT (4 to 6 inches) into the upper Chelan River in May 2016. Approximately 100 fish were released in the pool immediately below the Low Level Outlet (LLO) and 100 fish released into a pool near the end of the Reach 1 trail. The intent of stocking these WCT into the upper Chelan River was to support determination whether the Biological Objective of 200 WCT of various age classes could be achieved. Approximately 200 WCT were stocked in the same locations in May 2015. Monitoring results demonstrate that WCT are persisting in the upper Chelan River even though measured peak summer water temperatures have been well outside the preferred WCT temperature regime.

Fish stocking is a component of the Lake Chelan Fishery Forum Annual Work Plan (AWP). The AWP is a requirement contained in section 4.2.2 **Monitoring and Evaluation (M&E) Program** of the LCFP and is prepared by the USDA Forest Service, National Park Service (NPS) and Washington Department of Fish and Wildlife (WDFW). The AWP is submitted to Chelan PUD for approval and planning for expenditure of annual funding for implementing the monitoring and evaluation (M&E) program as described in section 4.2.2. The LCFF is involved with the preparation of each AWP and, therefore, all aspects of the Lake Chelan fish stocking program.

The LCFF convenes a forum meeting each the fall, generally in October or November, to begin development of the next year's AWP. Forum discussions during this meeting involve review of M&E results, projects to be implemented, based on M&E results, during the next year, budgets needed to conduct the work, and data from M&E results informing decisions regarding the fish stocking program. This annual Forum meeting and subsequent AWP development serves as the opportunity for annual review and revision of the fish stocking plan and management objectives for all Forum members. The LCFF held a meeting of the Forum on December 15, 2016 to begin developing the AWP and, concurrently, the fish stocking plan for 2017 presented here.