

PUBLIC UTILITY DISTRICT NO. 1 *of* CHELAN COUNTY

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February 27, 2009

VIA ELECTRONIC FILING

Honorable Kimberly D. Bose, Secretary
Nathaniel J. Davis, Sr., Deputy Secretary
FEDERAL ENERGY REGULATORY COMMISSION
888 First Street, NE
Washington, DC 20426

Re: **Lake Chelan Hydroelectric Project No. 637-037**
Article 405 – 2008 Annual Flow Report dated February 27, 2009

Dear Secretary Bose and Deputy Secretary Davis:

The Federal Energy Regulatory Commission (Commission) issued the “Order Modifying and Approving Operations Compliance and Monitoring Plan (Plan), Article 405” on November 30, 2007. The Plan satisfied the License Article 405 requirement of the “Order on Offer of Settlement and Issuing New License”¹ (License) and “Order on Rehearing”² for the Lake Chelan Hydroelectric Project (Project) on November 6, 2006, and April 19, 2007, respectively.

Under Ordering Paragraph (B) modifying the Plan under Article 405, Chelan PUD is required to file the following report with the Commission.

(B) The licensee shall file annually with the Commission by February 28, beginning 2008, their Annual Flow Report. If construction of the low level outlet is not completed as scheduled and corresponding flow data is not available for the 2008 Annual Flow Report (to be filed with the Commission by February 28, 2009), the licensee shall provide a status update regarding associated construction activities and applicable extension of time request(s) in their associated report. Additionally, the report shall be coordinated with the reporting of water quality data and biological evaluations required under the Washington Department of Ecology’s 401 Water Quality Certificate Condition V.B and associated Quality Assurance Project Plan under license Article 401. The licensee shall allow the resource agencies, Tribes and non-governmental organizations specified under Article 405, 30 days to provide comments and/or recommendations on

¹ 117 FERC ¶ 62,129

² 119 FERC ¶ 61,055

*Ms. Kimberly D. Bose, Secretary
Mr. Nathaniel J. Davis, Sr., Deputy Secretary
Federal Energy Regulatory Commission*

filing with the Commission. The filing shall include comments and/or recommendations from the consulted entities and the licensee's response to any comments. If the licensee does not adopt a recommendation, the report shall include the licensee's reasons, based on project-specific information. Based on review of the report, the Commission reserves the right to require changes to the project to ensure compliance with the license.

In accordance with the above Order requirement, Chelan PUD hereby files the 2008 Annual Flow Report dated February 27, 2009. A final draft of this report was provided to the resource agencies, Tribes and non-governmental organizations specified under Article 405 for 30-day review, which ends March 5.³ Comments received to date have been incorporated into this report. If additional comments requiring changes to this report are received by March 5, Chelan PUD will file a revised report.

Please do not hesitate to contact me or Steve Hays (509-661-4181) of my office regarding any questions or comments regarding this plan.

Sincerely,



Michelle Smith
Licensing and Compliance Manager
michelle.smith@chelanpud.org
(509) 661-4180

cc: Erich Gaedeke, FERC-PRO

Enclosure: Lake Chelan 2008 Annual Flow Report

³ This correspondence is available at the following Internet address:
http://www.chelanpud.org/departments/licensingCompliance/lc_implementation/comm/corres/31930.pdf.

LAKE CHELAN ANNUAL FLOW REPORT 2008

LICENSE ARTICLES 405 & 408

Final

**LAKE CHELAN HYDROELECTRIC PROJECT
FERC Project No. 637**

February 27, 2009



**Public Utility District No. 1 of Chelan County
Wenatchee, Washington**

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EXECUTIVE SUMMARY

Chelan PUD received a new license (License) from the Federal Energy Regulatory Commission (FERC)¹ on November 6, 2006, authorizing Chelan PUD to operate the Lake Chelan dam and powerhouse for a period of 50 years. License Article 405 required Chelan PUD to file an Operations Compliance Monitoring Plan (OCMP), which describes how Chelan PUD will comply with the instream flows, ramping rates, and tailrace flows as set forth in Article 7 of the Lake Chelan Settlement Agreement and Chapter 7 of the Comprehensive Plan attached to the Settlement Agreement. License Article 408 requires monitoring of flows in the project tailrace and in Reach 4 of the Chelan River and annual reporting of the monitoring results. The OCMP was submitted and FERC issued an order that modified and approved the OCMP on November 30, 2007. The FERC order requires that Chelan PUD file an Annual Flow Report with the FERC Commission.

FERC, by order issued March 20, 2008, granted a two year extension of time for completion of structures needed to provide the new minimum flows required under Article 408 and Washington Department of Ecology 401 Water Quality Certification Condition III.A.(ii). The extension allows Chelan PUD until November 6, 2010 to complete construction of the required facilities to provide the new minimum flows in the Chelan River and Reach 4, and improvements to fish habitat in the powerhouse tailrace. The flow release structures and fish habitat enhancements in Reach 4 of the Chelan River are currently scheduled for completion by November 2009. Fish habitat in the powerhouse tailrace was completed prior to October 2008 and was extensively used for spawning by Chinook salmon.

Since the flow release structures necessary to provide minimum flows were under construction and not operational during 2008, there were no minimum flow releases in 2008 and there was no need for ramping rates in the Chelan River. Therefore, this Annual Flow Report documents only the 2008 flow releases from the spillway, tailrace flows released from the powerhouse and daily average tailwater elevations.

The construction of enhanced salmon and steelhead spawning habitat in the powerhouse tailrace was completed prior to the 2008 fall spawning period for Chinook salmon. Powerhouse operations to support Chinook spawning were implemented in October. In the fall of 2007, Chinook salmon had spawned in the existing gravel deposits at the confluence of the Chelan and Columbia rivers. Powerhouse flows and tailwater elevations during the incubation period for these fish are also reported. No steelhead spawning was observed in 2008.

The Chelan River had continuous flow from spillway releases from June 6 – July 21. Spill levels were successfully managed to meet lake level requirements, prevent erosion in the Chelan River channel and prevent disruption of construction of the enhanced fish habitat in Reach 4 of the Chelan River.

¹ Federal Energy Regulatory Commission Order on Offer of Settlement and Issuing New License and Order on Rehearing for the Lake Chelan Hydroelectric Project No. 637 were issued November 6, 2006, and April 19, 2007, respectively, to the Public Utility District No. 1 of Chelan County.

Powerhouse operations during 2008 were managed to meet lake level objectives and to manage spill for protection of the construction work in the Chelan River. Powerhouse flows during the incubation period for Chinook eggs that were spawned in 2007 were above 2,000 cfs through the emergence timing of eggs deposited prior to October 27. Powerhouse flows at or above 30 cfs were provided through the remainder of the incubation period. Powerhouse flows were consistently above 2,000 cfs during Chinook spawning and incubation in the fall of 2008.

SECTION 1: INTRODUCTION

The Lake Chelan Hydroelectric Project (Project) is owned and operated by the Public Utility District No. 1 of Chelan County (Chelan PUD). Chelan PUD recently a new license (License) from the Federal Energy Regulatory Commission (FERC) on November 6, 2006, authorizing Chelan PUD to operate the Lake Chelan dam and powerhouse for a period of 50 years. As part of the normal operation of the Project, Chelan PUD withdraws water from Lake Chelan for power generation and discharges that water through the powerhouse into an excavated tailrace which leads to the confluence of the Chelan River and the Columbia River. The water used for power generation is diverted from the Chelan River channel, which currently is dry except during the late spring and summer in years when inflows to Lake Chelan exceed powerhouse capacity and water must be spilled to manage lake levels. Spillway flows follow the natural channel of the Chelan River, joining with the powerhouse tailrace flows and discharging to the Columbia River.

License Article 405 required Chelan PUD to file an Operations Compliance Monitoring Plan (OCMP), which was to describe how Chelan PUD will comply with: (1) the instream flows, ramping rates, and tailrace flows as set forth in Article 7 of the Lake Chelan Settlement Agreement and Chapter 7 of the Comprehensive Plan attached to the Settlement Agreement; (2) and the lake levels as set forth in Article 8 of the Settlement Agreement and Chapter 8 of the Comprehensive Plan. The OCMP was to include the specifics of flow measurement techniques, electronic flow data posting, quarterly and annual reporting requirements and an implementation schedule.

License Article 408 required Chelan PUD to file a Threatened and Endangered Species Protection Plan (TESPP), which was to: (1) describe how Chelan PUD will implement provisions for timely development of a system to release water at the Lake Chelan Dam or pump water from the project powerhouse tailrace to the Chelan River, and subsequent operation of that system at rates sufficient to continuously maintain flows equal to or greater than the flows required for Chelan River Reach 4; and (2) provide for monitoring of flows in the project tailrace and in Reach 4 of the Chelan River and annual reporting of the monitoring results, as set forth in Article 7 of the Lake Chelan Settlement Agreement and Chapter 7 of the Comprehensive Plan attached to the Settlement Agreement.

The OCMP and TESPP were submitted to FERC on May 4, 2007 and FERC issued an order approving the TESPP on November 28, 2007 and an order modifying and approving the OCMP on November 30, 2007. Both the OCMP and TESPP require the recording and reporting of flows in the Chelan River, as related to meeting minimum flow requirements, protection of fish habitat and protection of salmon and steelhead eggs incubating in the tailrace. The FERC order approving the OCMP requires that Chelan PUD shall file an Annual Flow Report with the FERC Commission by February 28 of each year. This Annual Flow Report meets the flow reporting requirements of License Articles 405 and 408.

Chelan PUD manages the level of Lake Chelan and flow releases through the powerhouse and spillway for power generation and other purposes. License Article 405 requires management of

lake levels with priority given to maintaining minimum flows in the Chelan River (once initiated in 2009) and reducing high spillway flows into the Chelan River to protect fish habitat. The Annual Lake Level Report documents Chelan PUD's decisions regarding operation of the powerhouse for lake level management to meet these Chelan River objectives, as well as recreation and other requirements. The Annual Lake Level Report for the September 2007 – August 2008 Operating Cycle was filed with FERC on February 27, 2009. This report is available at the following internet address: http://www.chelanpud.org/departments/licensingCompliance/lc_implementation/ResourceDocuments/31944.pdf.

FERC, by order issued March 20, 2008, granted a two year extension of time for completion of structures needed to provide the new minimum flows required under Article 408 and Washington Department of Ecology 401 Water Quality Certification Condition III.A.(ii). The extension allows Chelan PUD until November 6, 2010 to complete construction of the required facilities to provide the new minimum flows in the Chelan River and Reach 4, and improvements to fish habitat in the powerhouse tailrace. The flow release structures and fish habitat enhancements in Reach 4 of the Chelan River are currently scheduled for completion by November 2009. Fish habitat in the powerhouse tailrace was completed prior to October 2008 and was extensively used for spawning by Chinook salmon.

This Annual Flow Report includes two sections that correspond to the flow reporting requirements of the FERC order: Section 2, Chelan River Instream Flows and Section 3, Powerhouse Tailrace Security Flows. Since flow release facilities (Low Level Outlet and Tailrace Pumping Station) and enhanced salmon and steelhead habitat areas in the Chelan River were under construction and not operational, there were no minimum flow releases in 2008 and thus no need for ramping rates. Therefore, this Annual Flow Report documents only the 2008 flow releases from the spillway, tailrace flows released from the powerhouse and daily average tailwater elevations.

The construction of enhanced salmon and steelhead spawning habitat in the powerhouse tailrace was completed prior to the fall spawning period for Chinook salmon. Powerhouse Tailrace Security Flows (Section 3) were implemented in October for Chinook spawning and incubation. Chinook salmon had spawned in the existing gravel deposits in the powerhouse tailrace in 2007. Powerhouse flows and tailwater elevations during the incubation period for these fish are also reported in Section 3, although tailrace security flows were not required for this spawning activity. No steelhead spawning was observed in 2008.

SECTION 2: CHELAN RIVER INSTREAM FLOWS

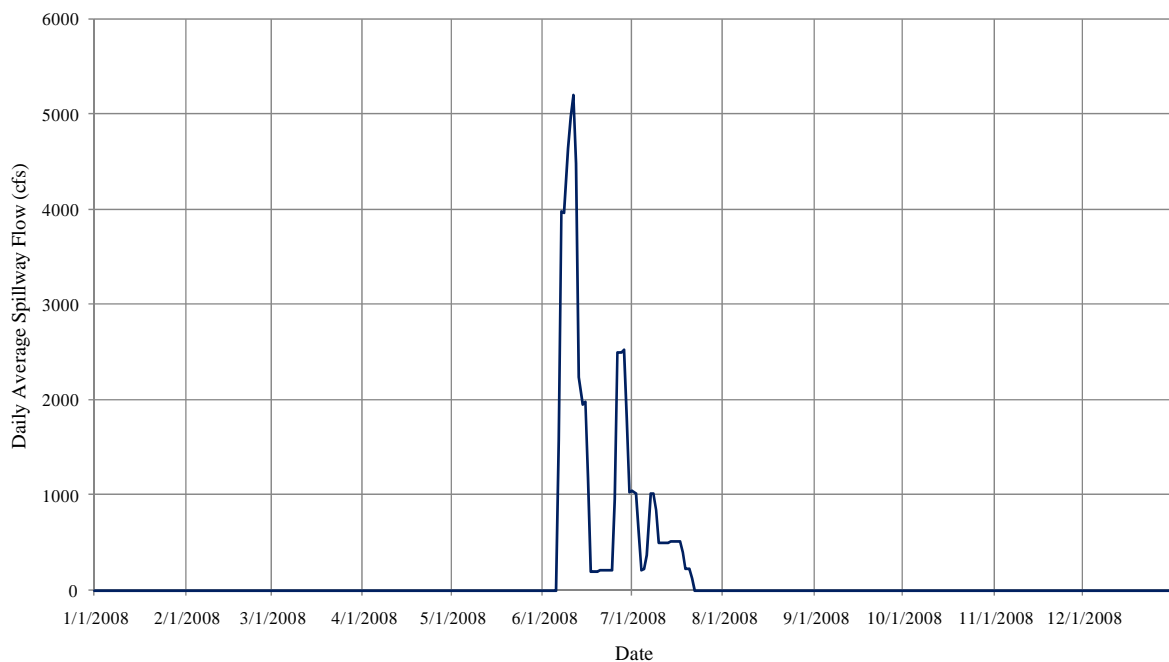
2.1 Chelan River Instream Flows

There were no flow releases for the purposes of maintaining minimum instream flows in 2008. The low level outlet, pump station and enhanced fish habitat in Reach 4 of the Chelan River are not scheduled for completion until 2009, at which time minimum flows will be initiated.

Spillway flow releases lasted about three months in 2008, beginning on June 6 and ending on July 21. Hourly spillway discharge peaked at 5,120 cfs on June 9, and was maintained near and below this level through mid June in order to maintain access and protection of the construction site for the fish habitat projects. Spill was increased or decreased, as need to manage lake levels, from 200 cfs up to 2,550 cfs until July 21. At the end of the spill season, spill was reduced to about 200 cfs from July 18 – 21 in order to encourage any fish inhabiting Reach 4 of the Chelan River channel to migrate out into the Columbia River. When spill ended on July 21, Chelan PUD conducted a fish rescue to remove fish from the spillway stilling basin and surveys to assure that no ESA listed salmon or steelhead were trapped in the lower Chelan River. No ESA listed fish were observed in the Chelan River channel when spill ended.

A tabulation of average daily powerhouse discharge, spill discharge and hourly lake levels and powerhouse tailwater levels are presented in Appendix A. Daily average spillway flow releases in 2008 are shown graphically in Figure 1. Quarterly hourly data is available at the following internet site: <http://www.chelanpud.org/lc-Resource-Documents-CRFF.cfm>.

Figure 1. Spillway Flow Releases to the Chelan River, 2008.



SECTION 3: POWERHOUSE TAILRACE SECURITY FLOWS

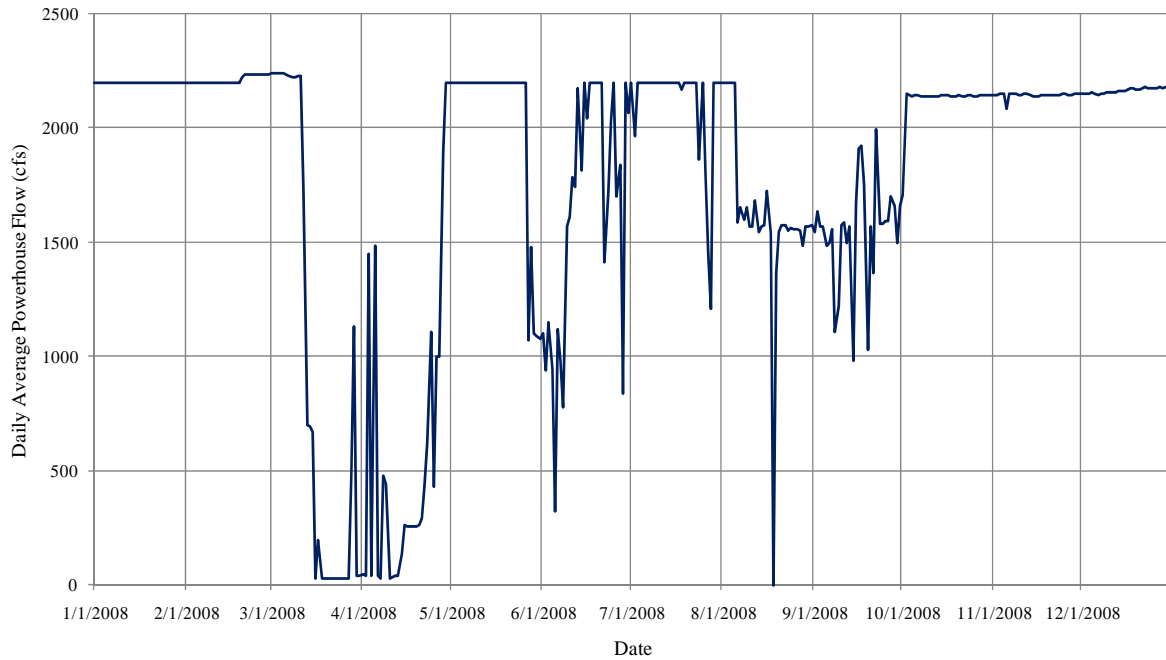
3.1 Powerhouse Operations

Powerhouse tailrace security flows were not required prior to construction of the enhanced salmon and steelhead spawning habitat in the tailrace. However, Chinook salmon were observed spawning on existing gravel deposits at the mouth of the Chelan River where it converges with the tailrace. Chinook spawning took place from between October 5 and November 10 of 2007, with a total of 86 redds at the Chelan River/Columbia River confluence and in the Columbia River. The timing of Chinook salmon egg incubation and date when the fry emerge from the gravel can be estimated from water temperatures during the incubation process. Based on average water temperatures for the Chelan River at the Chelan Dam and powerhouse, the emergence of Chinook salmon from eggs deposited in 2007 would have begun about January 20 and continued until the end of March. Chinook and coho salmon were observed spawning on the newly completed enhanced spawning habitat in the tailrace between October 5 and November 8 of 2008. A total of 153 redds were counted in the new tailrace habitat and in the Chelan River/Columbia River confluence and in the Columbia River. Incubation of these eggs is in progress.

Powerhouse operation in winter of 2008 provided constant flow of over 2,000 cfs throughout the incubation period for eggs spawned prior to about October 27 in 2007. The estimated timing of emergence for eggs that were spawned prior to that date was March 12. Alevines from eggs deposited near the end of October and in November of 2007 that were still in the gravel after March 12, 2008, experienced powerhouse flows that decreased to 30 cfs on March 16. Reduced powerhouse flows were implemented as needed through March for the purpose of maintaining lake levels. Daily average flows remained at or above 30 cfs through the completion of emergence, estimated to be by April 2 for the last redds observed. The flow of 30 cfs plus circulating flows from the Columbia River is expected to have maintained dissolved oxygen levels for these alevins. Studies of total powerhouse outages of up to three days were conducted in 2003 and intragravel dissolved oxygen levels remained above 6.0 mg/l in most of the redds sampled (BioAnalysts 2003)². Monitoring of intragravel dissolved oxygen in Chinook redds during powerhouse outages is not required until minimum flows in Reach 4 of the Chelan River have been implemented in 2009.

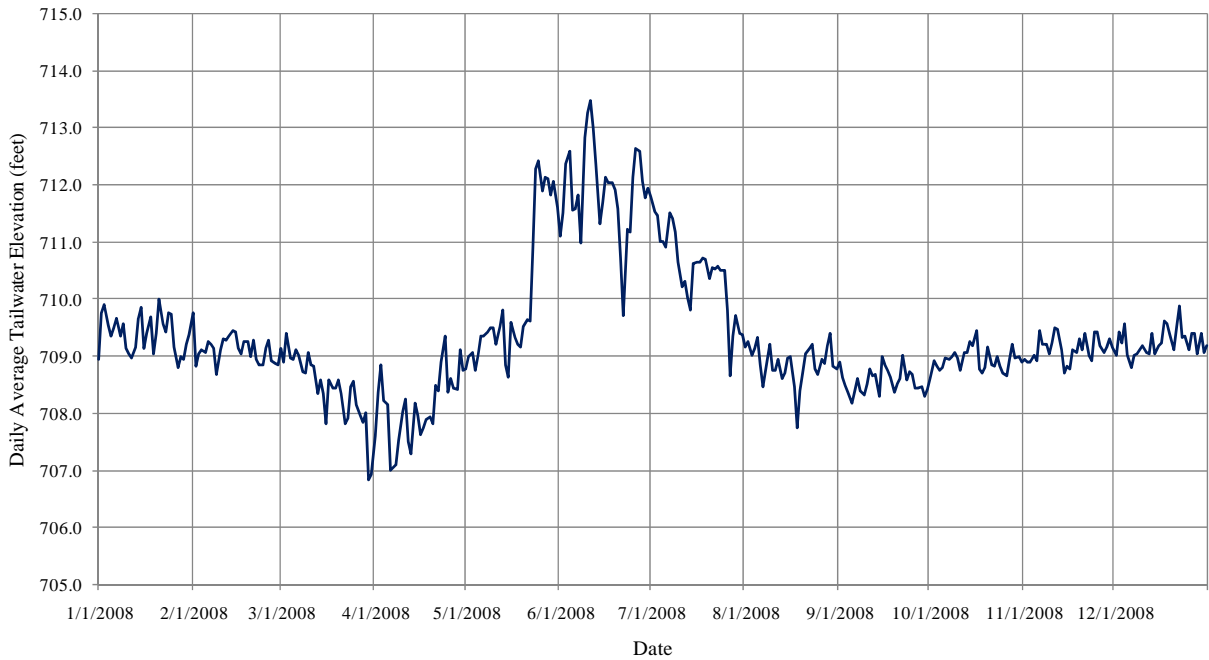
Powerhouse flows in the fall of 2008 were constantly above 2,000 cfs from the second of October through December 31, which provided good spawning conditions for Chinook salmon. Powerhouse daily average flows in 2008 are shown in Figure 2.

² BioAnalysts. 2003. Effects of powerhouse operations on intragravel flows and water quality within Chinook redds. Prepared by BioAnalysts, Inc., Redmond, Washington, for Chelan PUD. June 2003. http://www.chelanpud.org/relicense/study/reports/8106_1.pdf.

Figure 2. Chelan Powerhouse Daily Average Flows, 2008.

Water surface elevations in the tailrace can fluctuate by several feet over the course of a day due to changes in Columbia River flows that affect the backwater curve of the Rocky Reach reservoir. The water level fluctuations in the tailrace are somewhat reduced when the Chelan Powerhouse is operating. In past years, temporary dewatering of a few Chinook redds in shallow areas has been observed when the powerhouse was not operating and Columbia River flows were low. Since the powerhouse operated above 2,000 cfs through March 12, the water levels in the tailrace were relatively stable at or above about 709 feet most of the time from January 1 – March 12. After March 12, the tailrace water levels still remained above 708 feet throughout most of the remaining emergence period. The daily average tailwater levels measured at the powerhouse are shown in Figure 3.

Figure 3. Chelan Powerhouse Daily Average Tailwater Elevations, 2008.



SECTION 4: SUMMARY

Chelan River minimum instream flows were not in effect during 2008 since the construction work necessary to implement these flows has not yet been completed. The Chelan River had continuous flow from spillway releases from June 6 – July 21. Spill levels were managed to meet lake level requirements, prevent erosion in the Chelan River channel and to maintain access and protect construction of fish habitat in Reach 4 of the Chelan River and the tailrace. Powerhouse flows during the incubation period for Chinook eggs that were spawned in 2007 were above 2,000 cfs through the emergence timing of eggs deposited prior to October 27. Powerhouse flows at or above 30 cfs were provided through the remainder of the incubation period. No steelhead spawning was observed in 2008. Chinook and coho salmon were observed spawning on the newly completed enhanced spawning habitat in the tailrace between October 5 and November 8 of 2008. A total of 153 redds were counted in the new tailrace habitat and in the Chelan River/Columbia River confluence and in the Columbia River. Powerhouse flows were consistently above 2,000 cfs during Chinook spawning and incubation in the fall of 2008.

***APPENDIX A: DAILY AVERAGE LAKE CHELAN ELEVATIONS,
POWERHOUSE FLOWS AND TAILWATER ELEVATIONS AND
CHELAN RIVER FLOWS FROM SPILL, LOW LEVEL OUTLET AND
PUMPING STATION***

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
1/1/2008	1089.8	2200	709.0	N/A	0	0	N/A	0
1/2/2008	1089.7	2200	709.8	N/A	0	0	N/A	0
1/3/2008	1089.6	2200	709.9	N/A	0	0	N/A	0
1/4/2008	1089.6	2200	709.5	N/A	0	0	N/A	0
1/5/2008	1089.5	2200	709.4	N/A	0	0	N/A	0
1/6/2008	1089.4	2200	709.5	N/A	0	0	N/A	0
1/7/2008	1089.3	2200	709.7	N/A	0	0	N/A	0
1/8/2008	1089.2	2200	709.4	N/A	0	0	N/A	0
1/9/2008	1089.1	2200	709.6	N/A	0	0	N/A	0
1/10/2008	1089.1	2200	709.2	N/A	0	0	N/A	0
1/11/2008	1089.0	2200	709.1	N/A	0	0	N/A	0
1/12/2008	1088.9	2200	709.0	N/A	0	0	N/A	0
1/13/2008	1088.8	2200	709.2	N/A	0	0	N/A	0
1/14/2008	1088.7	2200	709.7	N/A	0	0	N/A	0
1/15/2008	1088.6	2200	709.9	N/A	0	0	N/A	0
1/16/2008	1088.5	2200	709.1	N/A	0	0	N/A	0
1/17/2008	1088.4	2200	709.4	N/A	0	0	N/A	0
1/18/2008	1088.3	2200	709.7	N/A	0	0	N/A	0
1/19/2008	1088.2	2200	709.0	N/A	0	0	N/A	0
1/20/2008	1088.0	2200	709.4	N/A	0	0	N/A	0
1/21/2008	1087.9	2200	710.0	N/A	0	0	N/A	0
1/22/2008	1087.8	2200	709.6	N/A	0	0	N/A	0
1/23/2008	1087.7	2200	709.4	N/A	0	0	N/A	0
1/24/2008	1087.6	2200	709.8	N/A	0	0	N/A	0
1/25/2008	1087.5	2200	709.7	N/A	0	0	N/A	0
1/26/2008	1087.4	2200	709.2	N/A	0	0	N/A	0
1/27/2008	1087.3	2200	708.8	N/A	0	0	N/A	0
1/28/2008	1087.2	2200	709.0	N/A	0	0	N/A	0
1/29/2008	1087.1	2200	709.0	N/A	0	0	N/A	0
1/30/2008	1087.0	2200	709.2	N/A	0	0	N/A	0
1/31/2008	1086.9	2200	709.4	N/A	0	0	N/A	0
2/1/2008	1086.8	2200	709.8	N/A	0	0	N/A	0
2/2/2008	1086.6	2200	708.8	N/A	0	0	N/A	0
2/3/2008	1086.5	2200	709.1	N/A	0	0	N/A	0
2/4/2008	1086.4	2200	709.1	N/A	0	0	N/A	0
2/5/2008	1086.3	2200	709.1	N/A	0	0	N/A	0
2/6/2008	1086.2	2200	709.3	N/A	0	0	N/A	0
2/7/2008	1086.1	2200	709.2	N/A	0	0	N/A	0
2/8/2008	1086.0	2200	709.1	N/A	0	0	N/A	0
2/9/2008	1085.9	2200	708.7	N/A	0	0	N/A	0
2/10/2008	1085.8	2200	709.1	N/A	0	0	N/A	0
2/11/2008	1085.7	2200	709.3	N/A	0	0	N/A	0
2/12/2008	1085.6	2200	709.3	N/A	0	0	N/A	0
2/13/2008	1085.5	2200	709.4	N/A	0	0	N/A	0
2/14/2008	1085.4	2200	709.4	N/A	0	0	N/A	0
2/15/2008	1085.3	2200	709.4	N/A	0	0	N/A	0
2/16/2008	1085.2	2200	709.2	N/A	0	0	N/A	0
2/17/2008	1085.1	2200	709.0	N/A	0	0	N/A	0
2/18/2008	1085.0	2200	709.3	N/A	0	0	N/A	0
2/19/2008	1084.8	2200	709.3	N/A	0	0	N/A	0

2008 Annual Flow Report

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
2/20/2008	1084.7	2221	709.0	N/A	0	0	N/A	0
2/21/2008	1084.6	2236	709.3	N/A	0	0	N/A	0
2/22/2008	1084.5	2233	708.9	N/A	0	0	N/A	0
2/23/2008	1084.4	2233	708.9	N/A	0	0	N/A	0
2/24/2008	1084.3	2233	708.9	N/A	0	0	N/A	0
2/25/2008	1084.2	2235	709.2	N/A	0	0	N/A	0
2/26/2008	1084.1	2237	709.3	N/A	0	0	N/A	0
2/27/2008	1084.0	2234	708.9	N/A	0	0	N/A	0
2/28/2008	1083.9	2234	708.9	N/A	0	0	N/A	0
2/29/2008	1083.8	2235	708.9	N/A	0	0	N/A	0
3/1/2008	1083.7	2238	709.2	N/A	0	0	N/A	0
3/2/2008	1083.7	2240	708.9	N/A	0	0	N/A	0
3/3/2008	1083.5	2240	709.4	N/A	0	0	N/A	0
3/4/2008	1083.5	2240	709.0	N/A	0	0	N/A	0
3/5/2008	1083.4	2240	708.9	N/A	0	0	N/A	0
3/6/2008	1083.3	2235	709.1	N/A	0	0	N/A	0
3/7/2008	1083.2	2229	709.0	N/A	0	0	N/A	0
3/8/2008	1083.1	2225	708.7	N/A	0	0	N/A	0
3/9/2008	1083.0	2224	708.7	N/A	0	0	N/A	0
3/10/2008	1082.9	2226	709.1	N/A	0	0	N/A	0
3/11/2008	1082.8	2225	708.9	N/A	0	0	N/A	0
3/12/2008	1082.7	1735	708.8	N/A	0	0	N/A	0
3/13/2008	1082.7	700	708.3	N/A	0	0	N/A	0
3/14/2008	1082.7	697	708.6	N/A	0	0	N/A	0
3/15/2008	1082.7	672	708.3	N/A	0	0	N/A	0
3/16/2008	1082.7	30	707.8	N/A	0	0	N/A	0
3/17/2008	1082.7	196	708.6	N/A	0	0	N/A	0
3/18/2008	1082.8	30	708.5	N/A	0	0	N/A	0
3/19/2008	1082.8	30	708.5	N/A	0	0	N/A	0
3/20/2008	1082.9	30	708.6	N/A	0	0	N/A	0
3/21/2008	1082.9	30	708.4	N/A	0	0	N/A	0
3/22/2008	1083.0	30	707.8	N/A	0	0	N/A	0
3/23/2008	1083.0	30	707.9	N/A	0	0	N/A	0
3/24/2008	1083.0	32	708.5	N/A	0	0	N/A	0
3/25/2008	1083.1	30	708.6	N/A	0	0	N/A	0
3/26/2008	1083.1	30	708.2	N/A	0	0	N/A	0
3/27/2008	1083.1	30	708.0	N/A	0	0	N/A	0
3/28/2008	1083.2	481	707.9	N/A	0	0	N/A	0
3/29/2008	1083.2	1133	708.0	N/A	0	0	N/A	0
3/30/2008	1083.2	44	706.8	N/A	0	0	N/A	0
3/31/2008	1083.2	44	706.9	N/A	0	0	N/A	0
4/1/2008	1083.2	50	707.6	N/A	0	0	N/A	0
4/2/2008	1083.3	43	708.4	N/A	0	0	N/A	0
4/3/2008	1083.3	1452	708.9	N/A	0	0	N/A	0
4/4/2008	1083.3	40	708.2	N/A	0	0	N/A	0
4/5/2008	1083.3	1483	708.2	N/A	0	0	N/A	0
4/6/2008	1083.3	40	707.0	N/A	0	0	N/A	0
4/7/2008	1083.3	29	707.1	N/A	0	0	N/A	0
4/8/2008	1083.3	479	707.1	N/A	0	0	N/A	0
4/9/2008	1083.3	443	707.5	N/A	0	0	N/A	0

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
4/10/2008	1083.3	30	708.0	N/A	0	0	N/A	0
4/11/2008	1083.4	38	708.3	N/A	0	0	N/A	0
4/12/2008	1083.4	40	707.5	N/A	0	0	N/A	0
4/13/2008	1083.4	40	707.3	N/A	0	0	N/A	0
4/14/2008	1083.5	137	708.2	N/A	0	0	N/A	0
4/15/2008	1083.6	261	708.0	N/A	0	0	N/A	0
4/16/2008	1083.6	260	707.6	N/A	0	0	N/A	0
4/17/2008	1083.7	260	707.8	N/A	0	0	N/A	0
4/18/2008	1083.8	259	707.9	N/A	0	0	N/A	0
4/19/2008	1083.8	260	708.0	N/A	0	0	N/A	0
4/20/2008	1083.9	262	707.8	N/A	0	0	N/A	0
4/21/2008	1083.9	291	708.5	N/A	0	0	N/A	0
4/22/2008	1084.0	437	708.4	N/A	0	0	N/A	0
4/23/2008	1084.0	625	708.9	N/A	0	0	N/A	0
4/24/2008	1084.1	1108	709.4	N/A	0	0	N/A	0
4/25/2008	1084.0	433	708.4	N/A	0	0	N/A	0
4/26/2008	1084.1	1000	708.6	N/A	0	0	N/A	0
4/27/2008	1084.0	1000	708.4	N/A	0	0	N/A	0
4/28/2008	1084.0	1898	708.4	N/A	0	0	N/A	0
4/29/2008	1084.0	2200	709.1	N/A	0	0	N/A	0
4/30/2008	1084.0	2200	708.8	N/A	0	0	N/A	0
5/1/2008	1084.0	2200	708.8	N/A	0	0	N/A	0
5/2/2008	1083.9	2200	709.0	N/A	0	0	N/A	0
5/3/2008	1083.9	2200	709.1	N/A	0	0	N/A	0
5/4/2008	1083.9	2200	708.8	N/A	0	0	N/A	0
5/5/2008	1083.9	2200	709.0	N/A	0	0	N/A	0
5/6/2008	1083.9	2200	709.4	N/A	0	0	N/A	0
5/7/2008	1084.0	2200	709.4	N/A	0	0	N/A	0
5/8/2008	1084.1	2200	709.4	N/A	0	0	N/A	0
5/9/2008	1084.2	2200	709.5	N/A	0	0	N/A	0
5/10/2008	1084.3	2200	709.5	N/A	0	0	N/A	0
5/11/2008	1084.4	2200	709.2	N/A	0	0	N/A	0
5/12/2008	1084.5	2200	709.5	N/A	0	0	N/A	0
5/13/2008	1084.5	2200	709.8	N/A	0	0	N/A	0
5/14/2008	1084.5	2200	708.9	N/A	0	0	N/A	0
5/15/2008	1084.7	2200	708.7	N/A	0	0	N/A	0
5/16/2008	1084.9	2200	709.6	N/A	0	0	N/A	0
5/17/2008	1085.3	2200	709.3	N/A	0	0	N/A	0
5/18/2008	1085.9	2200	709.2	N/A	0	0	N/A	0
5/19/2008	1086.8	2200	709.2	N/A	0	0	N/A	0
5/20/2008	1087.6	2200	709.5	N/A	0	0	N/A	0
5/21/2008	1088.4	2200	709.7	N/A	0	0	N/A	0
5/22/2008	1089.1	2200	709.6	N/A	0	0	N/A	0
5/23/2008	1089.5	2198	710.9	N/A	0	0	N/A	0
5/24/2008	1089.9	2200	712.3	N/A	0	0	N/A	0
5/25/2008	1090.4	2200	712.4	N/A	0	0	N/A	0
5/26/2008	1090.9	2200	711.9	N/A	0	0	N/A	0
5/27/2008	1091.4	1072	712.1	N/A	0	0	N/A	0
5/28/2008	1091.9	1481	712.1	N/A	0	0	N/A	0
5/29/2008	1092.5	1100	711.8	N/A	0	0	N/A	0

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5/30/2008	1093.0	1092	712.1	N/A	0	0	N/A	0
5/31/2008	1093.5	1075	711.6	N/A	0	0	N/A	0
6/1/2008	1094.0	1100	711.1	N/A	0	0	N/A	0
6/2/2008	1094.5	939	711.5	N/A	0	0	N/A	0
6/3/2008	1094.9	1151	712.4	N/A	0	0	N/A	0
6/4/2008	1095.2	949	712.6	N/A	0	0	N/A	0
6/5/2008	1095.5	323	711.6	N/A	0	0	N/A	0
6/6/2008	1095.7	1122	711.6	N/A	1575	1575	N/A	1575
6/7/2008	1095.8	984	711.8	N/A	3981	3981	N/A	3981
6/8/2008	1095.7	778	711.0	N/A	3962	3962	N/A	3962
6/9/2008	1095.6	1566	712.8	N/A	4638	4638	N/A	4638
6/10/2008	1095.5	1610	713.3	N/A	4966	4966	N/A	4966
6/11/2008	1095.4	1787	713.5	N/A	5202	5202	N/A	5202
6/12/2008	1095.2	1746	713.0	N/A	4484	4484	N/A	4484
6/13/2008	1095.1	2173	712.3	N/A	2238	2238	N/A	2238
6/14/2008	1095.1	1814	711.3	N/A	1961	1961	N/A	1961
6/15/2008	1095.2	2200	711.7	N/A	1977	1977	N/A	1977
6/16/2008	1095.3	2045	712.1	N/A	1173	1173	N/A	1173
6/17/2008	1095.6	2200	712.0	N/A	201	201	N/A	201
6/18/2008	1095.7	2200	712.0	N/A	200	200	N/A	200
6/19/2008	1095.9	2200	711.9	N/A	207	207	N/A	207
6/20/2008	1096.0	2200	711.6	N/A	210	210	N/A	210
6/21/2008	1096.1	2200	710.7	N/A	210	210	N/A	210
6/22/2008	1096.4	1415	709.7	N/A	210	210	N/A	210
6/23/2008	1096.6	1719	711.2	N/A	210	210	N/A	210
6/24/2008	1096.8	2029	711.2	N/A	220	220	N/A	220
6/25/2008	1096.9	2200	712.1	N/A	970	970	N/A	970
6/26/2008	1097.0	1703	712.6	N/A	2505	2505	N/A	2505
6/27/2008	1097.0	1840	712.6	N/A	2507	2507	N/A	2507
6/28/2008	1097.1	840	712.1	N/A	2525	2525	N/A	2525
6/29/2008	1097.3	2200	711.8	N/A	1815	1815	N/A	1815
6/30/2008	1097.7	2065	711.9	N/A	1037	1037	N/A	1037
7/1/2008	1098.0	2200	711.8	N/A	1044	1044	N/A	1044
7/2/2008	1098.4	1966	711.5	N/A	1027	1027	N/A	1027
7/3/2008	1098.8	2200	711.5	N/A	608	608	N/A	608
7/4/2008	1099.0	2200	711.0	N/A	220	220	N/A	220
7/5/2008	1099.3	2200	711.0	N/A	225	225	N/A	225
7/6/2008	1099.4	2200	710.9	N/A	378	378	N/A	378
7/7/2008	1099.5	2200	711.5	N/A	1014	1014	N/A	1014
7/8/2008	1099.5	2200	711.4	N/A	1020	1020	N/A	1020
7/9/2008	1099.6	2200	711.2	N/A	854	854	N/A	854
7/10/2008	1099.7	2200	710.7	N/A	510	510	N/A	510
7/11/2008	1099.7	2200	710.2	N/A	510	510	N/A	510
7/12/2008	1099.7	2200	710.3	N/A	510	510	N/A	510
7/13/2008	1099.7	2200	710.0	N/A	510	510	N/A	510
7/14/2008	1099.8	2200	709.8	N/A	515	515	N/A	515
7/15/2008	1099.8	2200	710.6	N/A	520	520	N/A	520
7/16/2008	1099.8	2200	710.6	N/A	520	520	N/A	520
7/17/2008	1099.8	2200	710.7	N/A	520	520	N/A	520
7/18/2008	1099.8	2165	710.7	N/A	399	399	N/A	399

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
7/19/2008	1099.8	2200	710.7	N/A	230	230	N/A	230
7/20/2008	1099.7	2200	710.4	N/A	228	228	N/A	228
7/21/2008	1099.7	2200	710.6	N/A	130	130	N/A	130
7/22/2008	1099.8	2200	710.5	N/A	0	0	N/A	0
7/23/2008	1099.8	2200	710.6	N/A	0	0	N/A	0
7/24/2008	1099.8	1865	710.5	N/A	0	0	N/A	0
7/25/2008	1099.8	2200	710.5	N/A	0	0	N/A	0
7/26/2008	1099.8	1792	709.8	N/A	0	0	N/A	0
7/27/2008	1099.8	1453	708.7	N/A	0	0	N/A	0
7/28/2008	1099.9	1208	709.4	N/A	0	0	N/A	0
7/29/2008	1099.9	2200	709.7	N/A	0	0	N/A	0
7/30/2008	1099.9	2200	709.4	N/A	0	0	N/A	0
7/31/2008	1099.8	2200	709.4	N/A	0	0	N/A	0
8/1/2008	1099.8	2200	709.2	N/A	0	0	N/A	0
8/2/2008	1099.7	2200	709.3	N/A	0	0	N/A	0
8/3/2008	1099.7	2200	709.0	N/A	0	0	N/A	0
8/4/2008	1099.6	2200	709.2	N/A	0	0	N/A	0
8/5/2008	1099.6	2200	709.3	N/A	0	0	N/A	0
8/6/2008	1099.5	1590	708.8	N/A	0	0	N/A	0
8/7/2008	1099.5	1654	708.5	N/A	0	0	N/A	0
8/8/2008	1099.5	1596	708.9	N/A	0	0	N/A	0
8/9/2008	1099.6	1650	709.2	N/A	0	0	N/A	0
8/10/2008	1099.6	1572	708.8	N/A	0	0	N/A	0
8/11/2008	1099.5	1572	708.8	N/A	0	0	N/A	0
8/12/2008	1099.5	1684	708.9	N/A	0	0	N/A	0
8/13/2008	1099.5	1548	708.6	N/A	0	0	N/A	0
8/14/2008	1099.5	1568	708.7	N/A	0	0	N/A	0
8/15/2008	1099.4	1575	709.0	N/A	0	0	N/A	0
8/16/2008	1099.4	1728	709.0	N/A	0	0	N/A	0
8/17/2008	1099.4	1540	708.5	N/A	0	0	N/A	0
8/18/2008	1099.5	0	707.8	N/A	0	0	N/A	0
8/19/2008	1099.5	1368	708.4	N/A	0	0	N/A	0
8/20/2008	1099.6	1547	708.7	N/A	0	0	N/A	0
8/21/2008	1099.6	1573	709.0	N/A	0	0	N/A	0
8/22/2008	1099.6	1573	709.1	N/A	0	0	N/A	0
8/23/2008	1099.5	1553	709.2	N/A	0	0	N/A	0
8/24/2008	1099.5	1563	708.8	N/A	0	0	N/A	0
8/25/2008	1099.5	1556	708.7	N/A	0	0	N/A	0
8/26/2008	1099.5	1555	708.9	N/A	0	0	N/A	0
8/27/2008	1099.4	1551	708.9	N/A	0	0	N/A	0
8/28/2008	1099.4	1484	709.2	N/A	0	0	N/A	0
8/29/2008	1099.4	1572	709.4	N/A	0	0	N/A	0
8/30/2008	1099.4	1568	708.8	N/A	0	0	N/A	0
8/31/2008	1099.4	1574	708.8	N/A	0	0	N/A	0
9/1/2008	1099.3	1546	708.9	N/A	0	0	N/A	0
9/2/2008	1099.2	1636	708.6	N/A	0	0	N/A	0
9/3/2008	1099.1	1570	708.5	N/A	0	0	N/A	0
9/4/2008	1099.1	1568	708.4	N/A	0	0	N/A	0
9/5/2008	1099.0	1485	708.2	N/A	0	0	N/A	0
9/6/2008	1099.0	1496	708.4	N/A	0	0	N/A	0

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9/7/2008	1098.9	1557	708.6	N/A	0	0	N/A	0
9/8/2008	1098.9	1108	708.4	N/A	0	0	N/A	0
9/9/2008	1098.8	1223	708.3	N/A	0	0	N/A	0
9/10/2008	1098.8	1575	708.5	N/A	0	0	N/A	0
9/11/2008	1098.7	1590	708.8	N/A	0	0	N/A	0
9/12/2008	1098.6	1497	708.7	N/A	0	0	N/A	0
9/13/2008	1098.6	1568	708.7	N/A	0	0	N/A	0
9/14/2008	1098.5	983	708.3	N/A	0	0	N/A	0
9/15/2008	1098.5	1674	709.0	N/A	0	0	N/A	0
9/16/2008	1098.4	1910	708.9	N/A	0	0	N/A	0
9/17/2008	1098.3	1922	708.8	N/A	0	0	N/A	0
9/18/2008	1098.2	1757	708.6	N/A	0	0	N/A	0
9/19/2008	1098.2	1028	708.4	N/A	0	0	N/A	0
9/20/2008	1098.1	1572	708.5	N/A	0	0	N/A	0
9/21/2008	1098.1	1363	708.6	N/A	0	0	N/A	0
9/22/2008	1098.0	1995	709.0	N/A	0	0	N/A	0
9/23/2008	1097.9	1583	708.6	N/A	0	0	N/A	0
9/24/2008	1097.8	1579	708.7	N/A	0	0	N/A	0
9/25/2008	1097.8	1593	708.7	N/A	0	0	N/A	0
9/26/2008	1097.7	1592	708.5	N/A	0	0	N/A	0
9/27/2008	1097.6	1701	708.5	N/A	0	0	N/A	0
9/28/2008	1097.5	1657	708.5	N/A	0	0	N/A	0
9/29/2008	1097.5	1495	708.3	N/A	0	0	N/A	0
9/30/2008	1097.4	1660	708.4	N/A	0	0	N/A	0
10/1/2008	1097.3	1706	708.6	N/A	0	0	N/A	0
10/2/2008	1097.2	2153	708.9	N/A	0	0	N/A	0
10/3/2008	1097.1	2146	708.8	N/A	0	0	N/A	0
10/4/2008	1097.0	2137	708.8	N/A	0	0	N/A	0
10/5/2008	1097.0	2141	708.8	N/A	0	0	N/A	0
10/6/2008	1096.9	2141	709.0	N/A	0	0	N/A	0
10/7/2008	1096.8	2139	709.0	N/A	0	0	N/A	0
10/8/2008	1096.8	2138	709.0	N/A	0	0	N/A	0
10/9/2008	1096.6	2140	709.1	N/A	0	0	N/A	0
10/10/2008	1096.5	2138	709.0	N/A	0	0	N/A	0
10/11/2008	1096.4	2135	708.8	N/A	0	0	N/A	0
10/12/2008	1096.3	2139	709.1	N/A	0	0	N/A	0
10/13/2008	1096.2	2141	709.1	N/A	0	0	N/A	0
10/14/2008	1096.1	2146	709.3	N/A	0	0	N/A	0
10/15/2008	1096.0	2145	709.2	N/A	0	0	N/A	0
10/16/2008	1095.9	2147	709.4	N/A	0	0	N/A	0
10/17/2008	1095.8	2140	708.8	N/A	0	0	N/A	0
10/18/2008	1095.8	2137	708.7	N/A	0	0	N/A	0
10/19/2008	1095.7	2138	708.8	N/A	0	0	N/A	0
10/20/2008	1095.6	2142	709.2	N/A	0	0	N/A	0
10/21/2008	1095.5	2141	708.9	N/A	0	0	N/A	0
10/22/2008	1095.4	2141	708.8	N/A	0	0	N/A	0
10/23/2008	1095.3	2141	709.0	N/A	0	0	N/A	0
10/24/2008	1095.2	2142	708.8	N/A	0	0	N/A	0
10/25/2008	1095.1	2141	708.7	N/A	0	0	N/A	0
10/26/2008	1094.9	2140	708.7	N/A	0	0	N/A	0

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
10/27/2008	1094.8	2144	708.9	N/A	0	0	N/A	0
10/28/2008	1094.7	2146	709.2	N/A	0	0	N/A	0
10/29/2008	1094.6	2145	709.0	N/A	0	0	N/A	0
10/30/2008	1094.5	2147	709.0	N/A	0	0	N/A	0
10/31/2008	1094.4	2145	708.9	N/A	0	0	N/A	0
11/1/2008	1094.3	2146	708.9	N/A	0	0	N/A	0
11/2/2008	1094.3	2145	708.9	N/A	0	0	N/A	0
11/3/2008	1094.2	2148	708.9	N/A	0	0	N/A	0
11/4/2008	1094.1	2148	709.0	N/A	0	0	N/A	0
11/5/2008	1094.0	2085	708.9	N/A	0	0	N/A	0
11/6/2008	1093.9	2151	709.4	N/A	0	0	N/A	0
11/7/2008	1093.9	2149	709.2	N/A	0	0	N/A	0
11/8/2008	1094.0	2148	709.2	N/A	0	0	N/A	0
11/9/2008	1094.0	2145	709.0	N/A	0	0	N/A	0
11/10/2008	1094.0	2147	709.2	N/A	0	0	N/A	0
11/11/2008	1094.0	2151	709.5	N/A	0	0	N/A	0
11/12/2008	1094.2	2148	709.5	N/A	0	0	N/A	0
11/13/2008	1094.5	2144	709.1	N/A	0	0	N/A	0
11/14/2008	1094.5	2139	708.7	N/A	0	0	N/A	0
11/15/2008	1094.5	2140	708.8	N/A	0	0	N/A	0
11/16/2008	1094.6	2139	708.8	N/A	0	0	N/A	0
11/17/2008	1094.6	2142	709.1	N/A	0	0	N/A	0
11/18/2008	1094.6	2141	709.1	N/A	0	0	N/A	0
11/19/2008	1094.6	2144	709.3	N/A	0	0	N/A	0
11/20/2008	1094.5	2141	709.1	N/A	0	0	N/A	0
11/21/2008	1094.5	2145	709.4	N/A	0	0	N/A	0
11/22/2008	1094.5	2143	709.0	N/A	0	0	N/A	0
11/23/2008	1094.4	2142	708.9	N/A	0	0	N/A	0
11/24/2008	1094.4	2148	709.4	N/A	0	0	N/A	0
11/25/2008	1094.3	2149	709.4	N/A	0	0	N/A	0
11/26/2008	1094.2	2146	709.2	N/A	0	0	N/A	0
11/27/2008	1094.2	2146	709.1	N/A	0	0	N/A	0
11/28/2008	1094.1	2148	709.2	N/A	0	0	N/A	0
11/29/2008	1094.0	2149	709.3	N/A	0	0	N/A	0
11/30/2008	1094.0	2150	709.2	N/A	0	0	N/A	0
12/1/2008	1093.9	2148	709.0	N/A	0	0	N/A	0
12/2/2008	1093.8	2153	709.4	N/A	0	0	N/A	0
12/3/2008	1093.8	2151	709.2	N/A	0	0	N/A	0
12/4/2008	1093.7	2155	709.6	N/A	0	0	N/A	0
12/5/2008	1093.6	2151	709.0	N/A	0	0	N/A	0
12/6/2008	1093.6	2147	708.8	N/A	0	0	N/A	0
12/7/2008	1093.5	2150	709.0	N/A	0	0	N/A	0
12/8/2008	1093.5	2153	709.0	N/A	0	0	N/A	0
12/9/2008	1093.4	2154	709.1	N/A	0	0	N/A	0
12/10/2008	1093.3	2156	709.2	N/A	0	0	N/A	0
12/11/2008	1093.2	2155	709.1	N/A	0	0	N/A	0
12/12/2008	1093.1	2156	709.0	N/A	0	0	N/A	0
12/13/2008	1093.1	2162	709.4	N/A	0	0	N/A	0
12/14/2008	1093.0	2161	709.0	N/A	0	0	N/A	0
12/15/2008	1092.9	2165	709.2	N/A	0	0	N/A	0

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Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spill Flow (cfs)	Chelan River Flow Reaches 1-3 (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
12/16/2008	1092.8	2165	709.2	N/A	0	0	N/A	0
12/17/2008	1092.7	2171	709.6	N/A	0	0	N/A	0
12/18/2008	1092.6	2171	709.6	N/A	0	0	N/A	0
12/19/2008	1092.5	2170	709.4	N/A	0	0	N/A	0
12/20/2008	1092.4	2169	709.1	N/A	0	0	N/A	0
12/21/2008	1092.3	2173	709.5	N/A	0	0	N/A	0
12/22/2008	1092.3	2178	709.9	N/A	0	0	N/A	0
12/23/2008	1092.2	2175	709.3	N/A	0	0	N/A	0
12/24/2008	1092.1	2174	709.4	N/A	0	0	N/A	0
12/25/2008	1092.0	2173	709.1	N/A	0	0	N/A	0
12/26/2008	1091.9	2177	709.4	N/A	0	0	N/A	0
12/27/2008	1091.8	2179	709.4	N/A	0	0	N/A	0
12/28/2008	1091.7	2173	709.1	N/A	0	0	N/A	0
12/29/2008	1091.7	2179	709.4	N/A	0	0	N/A	0
12/30/2008	1091.6	2177	709.1	N/A	0	0	N/A	0
12/31/2008	1091.5	2177	709.2	N/A	0	0	N/A	0

APPENDIX B: CONSULTATION RECORD

Chelan PUD provided a draft of the 2008 Annual Flow Report to the USGS and members of the CRFF and LCRF in accordance with the requirements of the FERC Order Modifying and Approving Operations Compliance and Monitoring Plan, Article 405, under Ordering Paragraph (B):

“The licensee shall allow the resource agencies, Tribes and non-governmental organizations specified under Article 405, 30 days to provide comments and/or recommendations on their report before filing with the Commission. The filing shall include comments and/or recommendations from the consulted entities and the licensee’s response to any comments. If the licensee does not adopt a recommendation, the report shall include the licensee’s reasons, based on project-specific information.”

The following individuals were sent draft copies for review:

<i>NAME</i>	<i>AGENCY</i>	<i>Comments</i>
Archibald, Phil	United States Department of Agriculture – Forest Service	None
Armbruster, Lanny	Manson Parks and Recreation Department	None
Caldwell, Brad	Washington State Department of Ecology	None
Denniston, Gary	Lake Chelan Sportsman Association	No Response
Domingue, Rich	National Marine Fisheries Services	No Response
Drzymkowski, Robert	United States Geological Survey	No Response
Eychner, Jim	Recreation and Conservation Office	None
Fraser, Bill	Washington State Parks and Recreation Commission	No Response
Goedde, Robert	City of Chelan	No Response
Harris, Jim	Washington State Parks and Recreation Commission	No Response
Heiner, Bruce	Washington State Department of Fish and Wildlife	No Response
Irle, Pat	Washington State Department of Ecology	Yes
Kastenholz, Joe	United States Department of Agriculture – Forest Service	None
Lewis, Steve	United States Fish and Wildlife Service	No Response
Marco, Jerry	Confederated Tribes of the Colville Reservation	No Response
Martinez, Alex	United States Department of Agriculture – Forest Service	None
Merkle, Carl	Confederated Tribes of the Umatilla Indian Reservation	No Response
Merz, Jonathan	Washington State Department of Ecology	No Response
O’Keefe, Thomas	American Whitewater	No Response
Rose, Bob	Yakama Indian Nation	No Response
Uhlhorn, Richard	Lake Chelan Recreation Association	No Response
Urness, Jim	Lake Chelan Recreation Association	No Response
Viola, Art	Washington Department of Fish and Wildlife	No Response
Zyskowski, Stan	National Park Service	No Response

Chelan PUD received the following comments from Pat Irle, Washington State Department of Ecology. The comment email is shown below and Chelan PUD’s responses are noted in underlined text.

From: Irle, Pat (ECY) [mailto:PIRL461@ECY.WA.GOV]
Sent: Thursday, February 26, 2009 10:05 AM
To: Hays, Steve
Subject: RE: Lake Chelan No. 637: Draft Annual Flow Report for 30-Day Comment Period Pursuant to License Article 405

The flow report looks good. I love the graphs.

I have some suggestions for organization and content, since we're going to be using it as the model for future reports.

- 1) The introduction, second paragraph, seems overly focused on history. I would suggest shortening or eliminating the second paragraph.

Paragraph deleted as recommended.

- 2) The introduction, fourth paragraph, seems overly focused on operation of the lake. How about shortening or eliminating the fourth paragraph?

Paragraph shortened and focused on what is pertinent to Chelan River flows.

- 3) Could you include a brief discussion about how the Lake Level report is related to this report instead (including a reference to the Article 405 requirements).

The paragraph was revised to include the Article 405 requirements for Chelan River minimum flows and management of spill flows to protect fish habitat.

- 4) The report addresses portions of Articles 405 and 408. It appears that Article 405 is addressed in Section 2 of the report and Article 408 is addressed in Section 3 of the report. In the Introduction, can these two articles be discussed in separate paragraphs? Include more detail about
 - a. the requirements of each license article and
 - b. the name and date of the plan prepared for each article.

The sections in the Introduction regarding the requirements of Articles 405 and 408 were revised to add clarity and add more detail regarding the requirements of each license article that are addressed in this Annual Flow Report.

- 5) Could you include, in Sections 2 and 3 of the report, the status of the activities required in the implementation schedule(s) in the respective plans.

The status to the activities required in the OCMP and TESPP pertinent to Sections 2 and 3 were embodied in the text. Section 2, 1st paragraph stated: "The low level outlet, pump station and enhanced fish habitat in Reach 4 of the Chelan River are not scheduled for completion until 2009, at which time minimum flows will be initiated." The 2nd paragraph of Section 3 was revised to include "in 2009", as stated: "Monitoring of intragravel dissolved oxygen in Chinook redds during powerhouse

outages is not required until minimum flows in Reach 4 of the Chelan River have been implemented in 2009.”

A status report on all the implementation activities in the License, for each License Article, will be contained in the Lake Chelan 2008 Annual Report and 2009 Work Plan, which will be filed with the FERC Commission on April 30, 2009.