



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

November 3, 2006

**REGISTERED MAIL RB 252 974 665 US**

Ms. Diana Gritten-MacDonald  
Manager, Environmental and Regulatory Services  
Cowlitz County PUD  
PO Box 3007  
961 12th Avenue  
Longview, WA 98632

Re: Swift No. 2 Project

Dear Ms. Gritten-MacDonald:

Enclosed is Order No. 3927. This is the first amendment of Order No. 3676. This amendment requires you to replace condition 4.3.5 of Administrative Order No. 3676 with the language contained in this Amended Order. All correspondence relating to this document should be directed to Deborah Cornett at Department of Ecology, Southwest Regional Office, P.O. Box 47775, Olympia, Washington 98504. If you have any questions concerning the content of the document, please call Chris Maynard, at 360/407-6484.

Sincerely,

Kelly Susewind, P.E., P.G.  
Southwest Region Manager  
Water Quality Program

Enclosure





STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

IN THE MATTER OF GRANTING A ) FIRST AMMENDMENT  
WATER QUALITY CERTIFICATION TO ) ORDER No. 3927,  
Public Utility District No. 1 of Cowlitz County WA ) of ORDER No. 3676  
with Chapter 90.48 RCW and the )  
Rules and Regulations of the )  
Department of Ecology )

To: Ms. Diana Gritten-MacDonald  
Manager, Environmental and Regulatory Services  
Cowlitz County PUD District No. 1  
PO Box 3007  
961 12th Avenue  
Longview, WA 98632

This Order amends the Clean Water Act Section 401 Certification Order No, 3676 (Certification) issued to Cowlitz County PUD on October 9, 2006, for the operation of the Swift No. 2 project. This amendment is issued under the provisions of Chapter 90.48 RCW and Chapter 173-201A WAC.

Through this Order, the Certification hereby amended. Condition 4.3.5 of the Certification is deleted and replaced with the following requirements:

- 4.3.5 The licensee shall manage water releases through the surge arresting structure to limit TDG production to 110% or less saturation.
- a) Within six (6) months of this Certification-Order Amendment, the Licensee shall submit a total dissolved gas (TDG) sampling plan for Ecology's review and approval. The purpose of this plan is to determine TDG production in the release water of the Surge Arresting Structure (SAS).
  - b) During the testing of the operation of the SAS and by no later than one year after issuance of this Certification-Order Amendment, the Licensee shall sample water releases from the SAS to verify that the water released complies with the 110% TDG criterion. The Licensee shall submit sampling results to Ecology in the Annual Water Quality Monitoring Report as required by Condition 4.8.6 of the Certification.
  - c) Sampling results shall be submitted to Ecology in the annual water quality monitoring report.
  - d) Within six (6) months after the discovery of an exceedance of the 110% TDG criterion caused by water releases from the SAS, the Licensee shall submit a TDG Water Quality Attainment Plan (TDG WQAP) to Ecology for review and approval. The TDG WQAP shall include:
    - i. A description of operations with regard to minimizing TDG production resulting from water releases from the SAS;
    - ii. A description of how the operations will reduce TDG production from the Project to comply with the water quality criterion within 10 years;

- iii. An evaluation of all reasonably available and preferred structural and operational improvements to reduce TDG production from the SAS to comply with the water quality criterion;
  - iv. A timeline showing when operational adjustments will occur;
  - v. A schedule for construction; and
  - vi. Sampling plans to further evaluate TDG production from the SAS and to test effectiveness of the structural and operational adjustments implemented pursuant to the TDG WQAP.
- e) The Project shall operate according to the approved TDG WQAP with the objective of eliminating exceedances of the 110% TDG criterion.
  - f) Upon approval of the TDG WQAP, the Licensee shall immediately begin the necessary steps identified in the TDG WQAP to eliminate TDG criterion exceedances.
  - g) Sampling required in condition 4.3.5 (d) (vi) may reveal that TDG water quality criterion is not achieved within 10 years of discovery of a TDG water quality exceedance. If so, Ecology will require further activities to meet water quality criterion. Significant structural or operational revisions that may impose potentially unreasonable costs or create potentially unreasonable societal effects may be evaluated as part of a formal Use Attainability Analysis consistent with the federal and state water quality regulations after the 10 year compliance period has ended.

No other condition or requirement of the Certification is affected by this amendment.

Ecology retains continuing jurisdiction to make modifications hereto through supplemental order if it appears necessary to protect the public interest.

You have the right to appeal this Order to the Pollution Control Hearings Board. Pursuant to chapter 43.21B RCW, your appeal must be filed with the Pollution Control Hearings Board, and served on the Department of Ecology, within thirty (30) days of the date of your receipt of this document.

To appeal this Order, your notice of appeal must contain a copy of the Ecology Order you are appealing.

**You must file your appeal with The Pollution Control Hearing Board.**

**Mail your appeal to:**

The Pollution Control Hearings Board  
P.O. Box 40903  
Olympia WA 98504-0903

**OR**

Deliver your appeal in person to:

The Pollution Control Hearings Board  
4224 6<sup>th</sup> Ave. SE Rowe Six, Bldg 2  
Lacey, WA 98504-0903

**Your appeal must also be served on:**

The Department of Ecology  
Appeals Coordinator  
P.O. Box 47608  
Olympia, WA 98504-7608

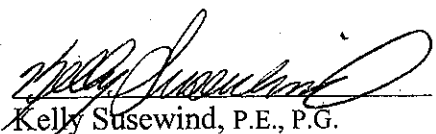
**In addition, please send a copy of your appeal to:**

Deborah Cornett  
Department of Ecology  
SWRO Water Quality Program  
PO Box 47775  
Olympia, WA 98504-7775

*For additional information: Environmental Hearings Office Website: <http://www.eho.wa.gov>*

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320. These procedures are consistent with Ch. 43.21B RCW.

DATED this 3<sup>rd</sup> day of November, 2006 at Olympia, Washington.



Kelly Susewind, P.E., P.G.  
Southwest Region Manager  
Water Quality Program