

**ADDENDUM TO THE FACT SHEET  
FOR NPDES WASTEWATER DISCHARGE  
PERMIT NO. WA-005240-0**

**I. GENERAL INFORMATION**

**COLUMBIA COLSTOR  
WENATCHEE MAIN PLANT**

**MAILING ADDRESS: 2730 W. MARINA DRIVE  
MOSES LAKE, WA 98837**

**FACILITY LOCATION: 410 N. WORTHEN  
WENATCHEE, WA 98801**

**II. APPLICATION REVIEW**

An application for permit reissuance was submitted to the Department of Ecology (Ecology) on October 31, 2007 and was accepted November 16, 2007. Prior to making a determination whether to reauthorize an existing permit or conduct a full renewal, a thorough review of the permit and compliance history of the facility is conducted. This review shall be sufficiently detailed as to insure the following:

- That the Permittee is in substantial compliance with all of the terms, conditions, requirements and schedules of compliance of the expired permit;
- Ecology has up-to date information on the Permittee's waste treatment practices; nature, content, and frequencies of Permittee's discharge, either pursuant to the submission of new forms and applications or pursuant to monitoring records and reports resubmitted to Ecology by the Permittee.

The application for the Columbia Colstor Wenatchee Main Plant and discharge monitoring reports (DMRs) were reviewed and they indicate no substantial change in the treatment characteristics of the effluent process or volume of wastewater.

### III. PERMIT REAUTHORIZATION

This fact sheet addendum accompanies the draft permit, which is to be reauthorized to the Columbia Colstor-Wenatchee Main Plant for the discharge of non-contact cooling water to the Columbia River. The previous fact sheet is also part of this administrative record and explains the basis for the discharge limitations and conditions of the reauthorized permit.

The existing permit requirements, including discharge limitations and monitoring, do not need to be changed to protect the receiving water quality. The previous fact sheet adequately addressed conditions and issues at the facility at the time the previous permit was issued. Ecology has not received any information during the previous permit term indicating environmental impacts from the discharge were overlooked. Nor have incidents severe enough to undertake a complete renewal of the permit occurred during that time period.

Table 1 compares the results of three years of monthly discharge reports gathered during the previous permit cycle and the current permit cycle. The data indicate there are no significant changes in the wastewater discharge characteristics.

**Table 1: Wastewater Characterization from Discharge Monitoring Reports 1999 to 2002 and 2005 to 2007**

Parameter	Time Span	
	1999-2002	2005-2007
Average Flow MGD	-	1.72
Maximum Flow (MGD)	1.87	1.90
Temperature °C (Summer Maximum)	30 <sup>a</sup>	24.3
Temperature °C (Summer Average)	--	20.2
pH maximum S.U.	9	8.2
pH minimum S.U.	6	6.8

<sup>a</sup> A 30 °C effluent temperature was used to model the temperature at the edge of the chronic mixing zone. The model based on a 1.87 MGD flow at 30 °C predicted a 0.003 °C rise, which is well below the permitted 0.30 degree rise.

The discharge limits and conditions in effect at the time of expiration of the previous permit are carried over unchanged to this reauthorized permit. Assessment of compliance and inspections of the facility during the previous permit term indicate that the facility should not be placed on a high priority for permit renewal. Ecology assigns a high

priority for permit renewals in situations where water quality would materially benefit from a more stringent permit during the next five-year permit.

The permit reauthorization process, in concert with the routine renewal of high priority permits, allows Ecology to reissue permits in a timely manner and minimize the number of active permits that have passed expiration dates. A system of ranking the relative significance of the environmental benefit to be gained by renewing a permit rather than reauthorizing a permit is followed during Ecology's annual permit planning process.

Each permit that is due for reissuance is assessed and compared with other permits that are also due for reissuance. The public is notified and input is sought after the initial draft ranking has tentatively established which permits are likely to be completely renewed and which are likely to be reauthorized. All relevant comments and suggestions are considered before a final decision is made regarding the type of reissuance for each permit.

Public notice of the availability of the draft reauthorized permit is required at least 30 days before the permit is issued Washington Administrative Code (WAC) 173-220-050. The fact sheet and draft permit are available for review (see Appendix A - Public Involvement for more detail on the Public Notice procedures).

After the public comment period has closed, Ecology will summarize the substantive comments and the response to each comment. The summary and response to comments will become part of the file for the permit and parties submitting comments will receive a copy of Ecology's response. Comments and the resultant changes to the permit will be summarized in the fact sheet addendum, Appendix B - Response to Comments.

#### **IV. RECOMMENDATION FOR PERMIT ISSUANCE**

Ecology proposes that this permit be reauthorized for five years.

## **APPENDIX A -- PUBLIC INVOLVEMENT INFORMATION**

Ecology has determined to reauthorize a discharge permit to the applicant listed on page 1 of this fact sheet addendum. The permit contains conditions and effluent limitations that are described in the fact sheet.

The Department published a Public Notice of Application and Draft (PNOA/D) June 25, 2008 in the Wenatchee World to inform the public that an application, draft reauthorization permit, fact sheet addendum, and fact sheet were available for review. Interested persons are invited to submit written comments regarding the reauthorization of this permit. The draft reauthorization permit, fact sheet addendum, fact sheet, and related documents are available for inspection and copying between the hours of 8:00 a.m. and 5:00 p.m. weekdays, by appointment, at the regional office listed below. Written comments should be mailed to:

Water Quality Permit Coordinator  
Department of Ecology  
Central Regional Office  
15 West Yakima Avenue, Suite 200  
Yakima, Washington 98902

Any interested party may comment on the draft permit or request a public hearing on this draft permit within the 30-day comment period to the address above. The request for a hearing shall indicate the interest of the party and the reasons why the hearing is warranted. Ecology will hold a hearing if it determines there is a significant public interest in the draft permit (WAC 173-220-090). Public notice regarding any hearing will be circulated at least 30 days in advance of the hearing. People expressing an interest in this permit will be mailed an individual notice of hearing (WAC 173-220-100).

Comments should reference specific test followed by proposed modification or concern when possible. Comments may address technical issues, accuracy and completeness of information, the scope of the facility's proposed coverage, adequacy of environmental protection, permit conditions, or any other concern that would result from reauthorization of this permit.

Ecology will consider all comments received within 30 days from the date of the PNOD indicated above, in formulating a final determination to issue, revise, or deny the permit. Ecology's response to all significant comments is available upon request and will be mailed directly to people expressing an interest in this permit.

Further information may be obtained from Ecology by telephone at (509) 457-7105, or by writing to the address listed above.

This fact sheet addendum was written by Richard Marcley.

*ADDENDUM TO THE FACT SHEET FOR  
NPDES PERMIT NO. WA-005240-0  
COLUMBIA COLSTOR-WENATCHEE MAIN PLANT  
EXPIRATION DATE: SEPTEMBER 30, 2013  
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**APPENDIX B -- RESPONSE TO COMMENTS**

No comments were received by the Department of Ecology.