

REVIEW OF POLLUTION CONTROL STANDARDS

Status of Review

June, 2010

2009 REVISIONS

- ◉ Metals Translators
- ◉ Human Health Criteria
- ◉ Cadmium and Silver Criteria
- ◉ Ammonia
- ◉ Spill Notification
- ◉ Reasonable Treatment Definition
- ◉ Public Water Supply System Definition

2009 REVISIONS

- ◉ Adopted October 22, 2009
- ◉ Revised Standards on ORSANCO web site
- ◉ Dischargers and other stakeholders notified by post card

ISSUES IDENTIFIED FOR EXPEDITED REVIEW

- ◉ Critical flow for Human Health criteria
- ◉ Criteria for Total Dissolved Solids
- ◉ Use of Variance Procedure for Mixing Zone requirements
- ◉ Criteria for Selenium

CONCEPT OF EXPEDITED REVIEW

- ◉ Limited number of issues to be considered
- ◉ Less time required to consider comments
- ◉ Comments on other issues can be carried into next regular review (which would normally start in March, 2011)

PROJECTED SCHEDULE

- ◉ Initial Comment Period began in March
- ◉ Comments closed April 16
- ◉ Proposed revisions will be considered at June Commission meeting.
- ◉ Public comment period this summer
- ◉ Commission action in October

INITIAL COMMENT PERIOD- PUBLIC WORKSHOPS

- ◉ March 16 – Washington, PA
- ◉ March 17 – Huntington, WV
- ◉ March 23 – Erlanger, KY
- ◉ March 24 – Evansville, IN
- ◉ All workshops took place from 4:00 to 7:00.
- ◉ About 15 persons attended each workshop.

COMMENTS RECEIVED

- ◉ Twelve sets of comments
- ◉ Comments from industry, environmental groups, municipal utilities.
- ◉ TDS and Variance Issues received the most comments.

ISSUE: CRITICAL FLOW FOR HUMAN HEALTH CRITERIA

- ◉ Proposal: Use 7Q10
- ◉ Comments: Some support; others favor HMF
- ◉ Committee recommendation: HMF for carcinogens, 7Q10 for others
- ◉ Other recommendations:
 - Determine basis for all HH criteria
 - Compile state modeling assumptions
 - Definition for “carcinogen”

ISSUE: SELENIUM CRITERIA

- ◉ Proposal: Adopt US EPA criteria when available
- ◉ Comments: Some favor adoption now, others prefer to wait
- ◉ Committee recommendation: No action at this time.
- ◉ Other recommendation:
 - Stream Criteria Subcommittee to review and comment on draft EPA criteria when available.

ISSUE: TDS CRITERIA

- ◉ Proposal: Restore criteria that were removed in 1993 – 500 mg/L average, 750 mg/L maximum.
- ◉ Comments: Equal numbers pro and con.
- ◉ Committee Recommendation: Add 500 mg/L criterion.
- ◉ Other Recommendation: Investigate TDS criteria for industrial use.

ISSUE: VARIANCES TO MIXING ZONE REQUIREMENTS

- ◉ Proposal: Provide for consideration of variances to Section VI
- ◉ Comments: Six in favor, five opposed
- ◉ Committee Recommendation: Provide for consideration of variances to Section VI.G with additional conditions:
 - Evaluation of alternatives
 - Opportunity for public comment

PCS COMMITTEE WILL SEEK AUTHORIZATION TO PROCEED WITH THREE PROPOSED REVISIONS

- ⦿ Public Workshops and Hearing in August
- ⦿ Recommendations for Commission action in October
- ⦿ Other issues to be carried into next review: criteria for bromides, critical flow for aquatic life criteria.