

# Proposed Revisions to ORSANCO Pollution Control Standards

February, 2012

# Revisions Proposed in Four Areas

- Temperature
- Pathogens
- Selenium
- Organization of Document

# Temperature

- Revised criteria for Aquatic Life Protection
- Implementation Procedures
- New criterion for human health protection

# Pathogens

- Discontinue use of fecal coliform for recreation protection.
- Extend Recreation Season to include April.
- Use 90 day geometric mean for *E. Coli*.
- Redefine use of SSM

# Selenium

- Delete acute value which has been withdrawn by US EPA.
- Retain chronic criterion.
- New federal criteria still several years away.

# Reorganization of Document

- Some portions in present document seem out of place.
- Proposed reorganization would improve clarity.
- Proposed format is similar to those used by states.

# **Old Format**

**Chapter I: Authority and Purpose**

**Chapter II: Definitions**

**Chapter III: Designated Uses**

**Chapter IV: Water Quality Criteria**

- 4.1 General
- 4.2 Aquatic Life Protection
- 4.3 Human Health Protection
- 4.4 Site-Specific Criteria

**Chapter V: Wastewater Discharge Requirements**

- 5.1 General
- 5.2 Sewage
- 5.3 Industrial Wastes, Including Toxic Wastes
- 5.4 Residues from Potable Water Treatment Plants
- 5.5 Cooling Water
- 5.6 Other Wastes

**Chapter VI: Mixing Zone Designation**

**Chapter VII: Limitations**

**Chapter VIII: Variances**

**Chapter IX: Analytical Methods**

**Chapter X: Severability Clause**

# **New Format**

**Chapter I: General Provisions**

- 1.1 Authority and Purpose
- 1.2 Definitions
- 1.3 Limitations
- 1.4 Severability Clause

**Chapter II: Designated Uses**

- 2.1 Uses as Established by the Ohio River Valley Water Sanitation Compact
- 2.2 Definition/ Clarification of Uses

**Chapter III: Water Quality Criteria**

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# Designated Uses

- Current language taken from Article I of the Compact.
- Terminology from the Compact differs from Clean Water Act language.
- Chapter 2.2 would provide clarification.

# Water Supply Use

- Suitable for use after reasonable treatment.
- Reasonable treatment for drinking water use is defined.

# Recreational Use

- Contact Recreation when conditions allow for it.
- Contact Recreation season defined as April through October.

# Fish and Other Aquatic Life

- Equivalent to warm water aquatic life support.
- Support includes safe consumption of fish.

# Timeline

- April – Finalize wording of proposed revisions.
- May – Initial notice of public hearing.
- June – Public review, workshops as needed.
- July – Public Hearing
- August – Consider Comments
- September – Draft revisions
- October – Commission action.

Questions?