

# OHIO RIVER TEMPERATURE CRITERIA REVISIONS STATUS

February, 2012

# 2007/2008 Recommendations

- Updated Summer Criteria using more recent studies assessing aquatic life thresholds
- Recommended daily-changing Non-Summer Criteria to negate “stair-step” effect of monthly/bi-weekly criteria
- Divided river into 3 distinct segments
- Developed implementation language and a monitoring strategy

# 2012 Workgroup

- General agreement to move forward with recommendations of previous workgroup with some minor modifications and additions
- Included recommendation for permitting agencies to use monthly averages of daily criteria, as desired
  - ▣ Staff created table of monthly averages to be used for permitting purposes

# Human Health Criterion

- Not discussed by previous workgroup
- Original consensus to protect children and elderly from 2<sup>nd</sup> degree burns due to ~10 minute exposure
  - ▣ Literature suggested 116.5° F
- Pollution Control Standards Committee suggested adopting 110°F currently used by PA as a Public Safety Guidance Value
  - ▣ To be applied at Ohio River discharges where contact exposure to the public is possible
- Majority of workgroup seems to be on board with 110°
  - ▣ But, no consensus whether it should be applied as “Guidance Value” or “Criterion”

Questions?