

# ORSANCO Technical Committee Meeting June, 2010

## Pennsylvania Updates

# Beaver River PCB TMDLs

- SWRO and NWRO Multi Regional Streams and contacts
- TMDLs already completed for Shenango and Beaver, not Mahoning
- Specific point sources difficult to identify, Sediment likely source
- Following links to completed TMDLs

# Completed/Approved TMDLs

- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Shenango\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Shenango_TMDL.pdf)
- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Beaver\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Beaver_TMDL.pdf)
- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Allegheny\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Allegheny_TMDL.pdf)
- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/ChartiersLitt\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/ChartiersLitt_TMDL.pdf)
- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Monongah\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Monongah_TMDL.pdf)
- [http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Ohio\\_TMDL.pdf](http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/tmdl/Ohio_TMDL.pdf)
- No TMDLs on Mahoning River

# Status of TDS in PA

- EQB passed Chapter 95 regulations May 17 limiting TDS and Sulfate at 500 mg/L and 250 mg/L respectively
- Two Plants now up and running to recycle Frac
- EPA evaluating Zero Liquid Discharge alternatives for scrubber blowdown
- Mine water TDS treatment plant under construction in VA, plans for similar plant(s) in WV
- Dunkard Creek Status
- Heavy rainfall recently, all rivers < 500 mg/L TDS
- Chemical and Golden Algae sampling in July

# Data

- [http://files.dep.state.pa.us/PublicParticipation/Public%20Participation%20Center/PubPartCenterPortalFiles/Environmental%20Quality%20Board/2010/May\\_17\\_2010\\_Meeting/TDS/Annex\\_A\\_for\\_Ch\\_95.pdf](http://files.dep.state.pa.us/PublicParticipation/Public%20Participation%20Center/PubPartCenterPortalFiles/Environmental%20Quality%20Board/2010/May_17_2010_Meeting/TDS/Annex_A_for_Ch_95.pdf)USGS Conductivity Network
- PADEP Mon River and Dunkard Creek sample results
- WVDEP sample results
- Stream studies
- Permitting Strategy

# References

- PA Sample results from Mon River and Dunkard Creek can be found at [http://www.depweb.state.pa.us/portal/server.pt/community/southwest\\_regional\\_office/13775/community\\_information/593161](http://www.depweb.state.pa.us/portal/server.pt/community/southwest_regional_office/13775/community_information/593161)
- WV Sample results can be found at <http://www.dep.wv.gov/Pages/default.aspx>
- TDS permitting strategy and stream studies can be found at [http://www.portal.state.pa.us/portal/server.pt/community/marcellus\\_shale\\_wastewater\\_partnership/18683](http://www.portal.state.pa.us/portal/server.pt/community/marcellus_shale_wastewater_partnership/18683)
- Penn State Extension Office  
<http://naturalgas.extension.psu.edu/Publications.htm>  
[http://www.portal.state.pa.us/portal/server.pt/community/marcellus\\_shale\\_wastewater\\_partnership/18683](http://www.portal.state.pa.us/portal/server.pt/community/marcellus_shale_wastewater_partnership/18683)





# Main Stem Compliance

- Last QNCR report from ISIS
- Updates to system on Reporting Violations
- Shenango
- Horsehead



# CSO Status

- There are 925 CSO outfalls in SW PA in 81 systems
- 99.1% are now under permit
- ALCOSAN the largest (254)
- Some of the remaining 671 are from tributary systems to ALCOSAN
- 76% of LTCP received
- 50% of LTCP received have been approved
- 26 systems pursuing the Presumptive Approach

# Other Duties as Required







Questions?