

Status Update

April 15, 2014



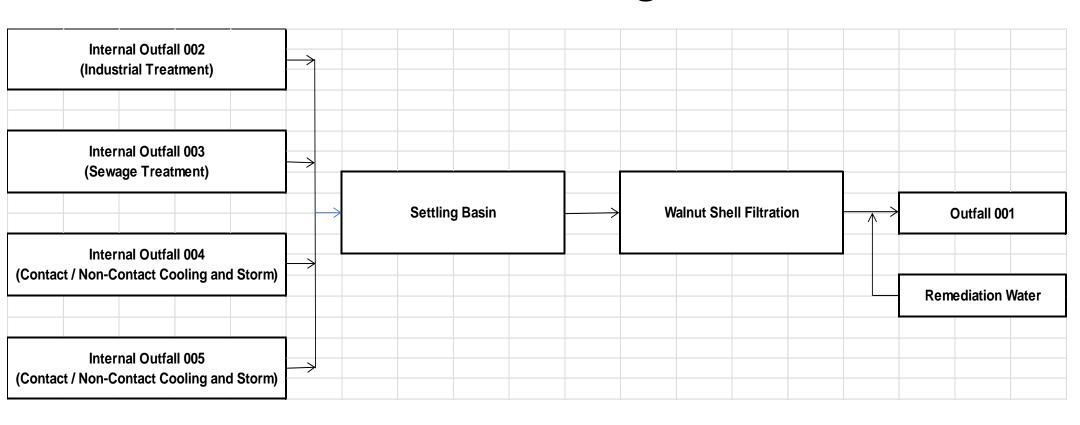
- Overview
- Review of Obligations
- NPDES Performance



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Schematic Diagram





- Overview
- Review of Obligations
- NPDES Performance



Review of Obligations

- NPDES Permit
 - o Engineering Report for Treatment Technology July 1, 2014
 - o Phosphorous Treatment Technology July 1, 2016
 - Meet Final Water Quality Based Effluent Limits July 1, 2021



- Overview
- Review of Obligations
- NPDES Performance

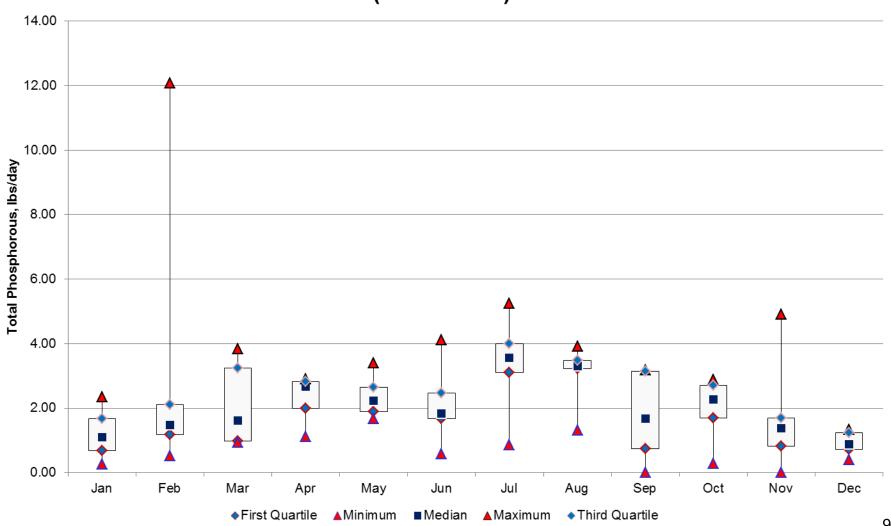


NPDES Performance

- Three parameters related to the DO TMDL implementation will have future seasonal (March – October) effluent limits
 - o Total Phosphorous
 - Carbonaceous Biological Oxygen Demand
 - o Ammonia
- Monitoring data for these parameters has been collected since July 2011 as required by the facility's permit

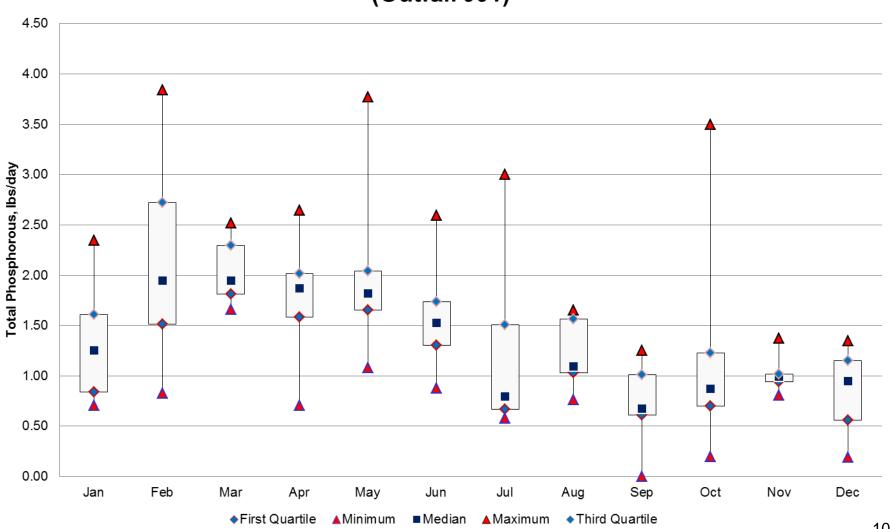


2012 Daily Total Phosphorous (Outfall 001)



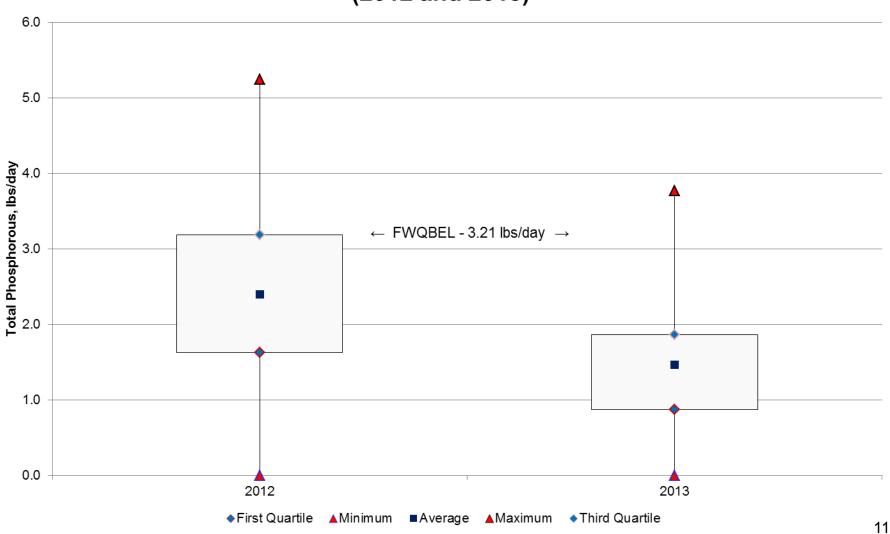


2013 Daily Total Phosphorous (Outfall 001)



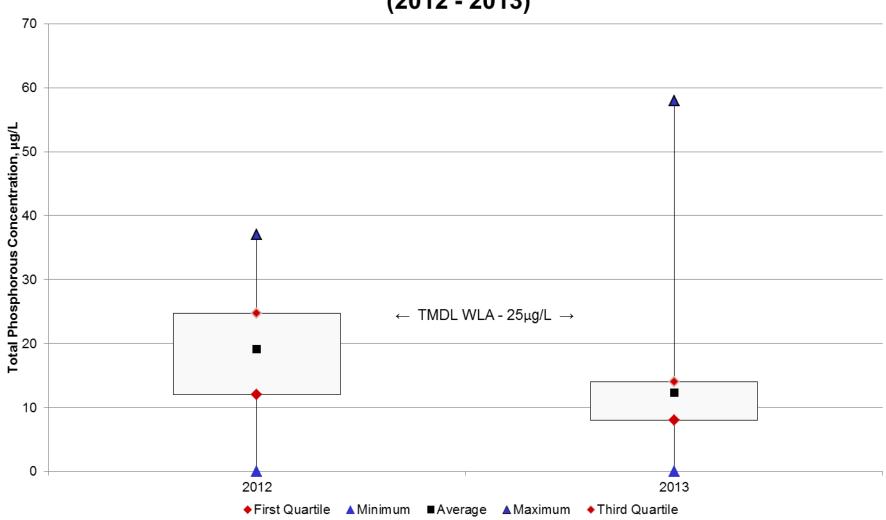


Seasonal Total Phosphorous (2012 and 2013)



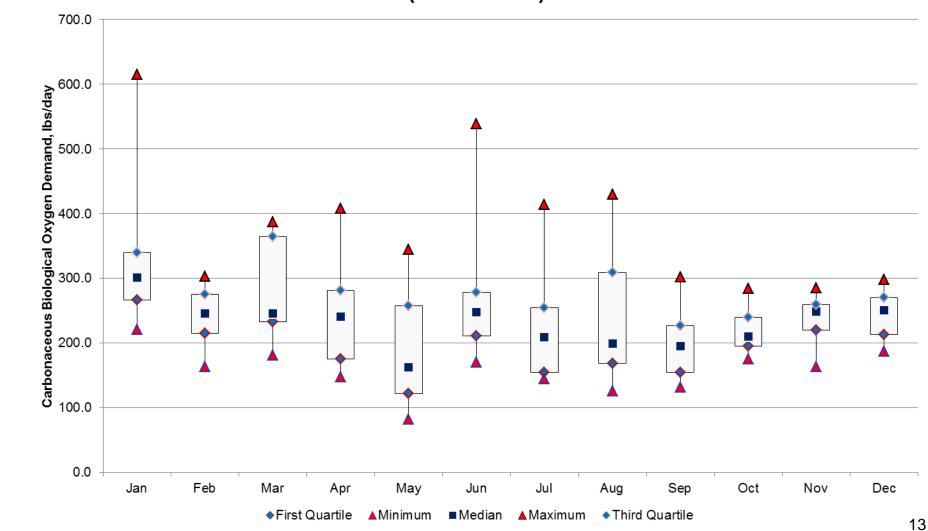


Seasonal Total Phosphorous Concentration (2012 - 2013)



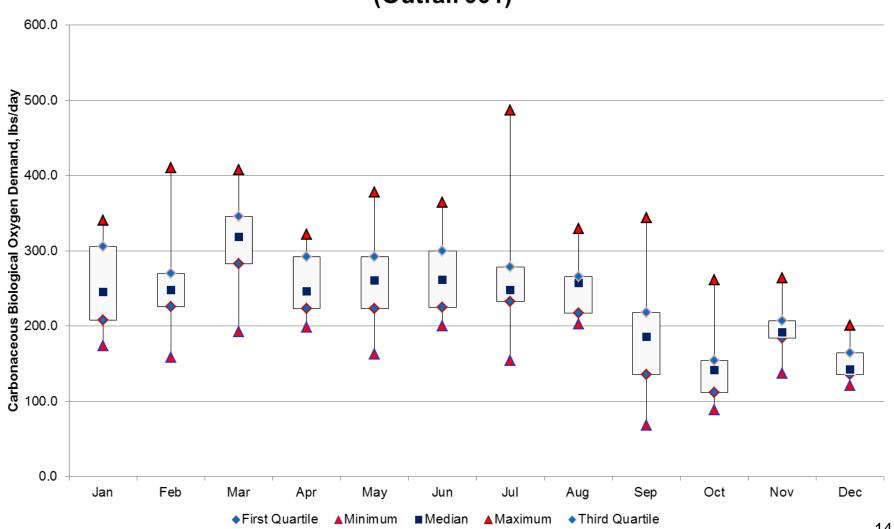


2012 Daily Carbonaceous Biological Oxygen Demand (Outfall 001)



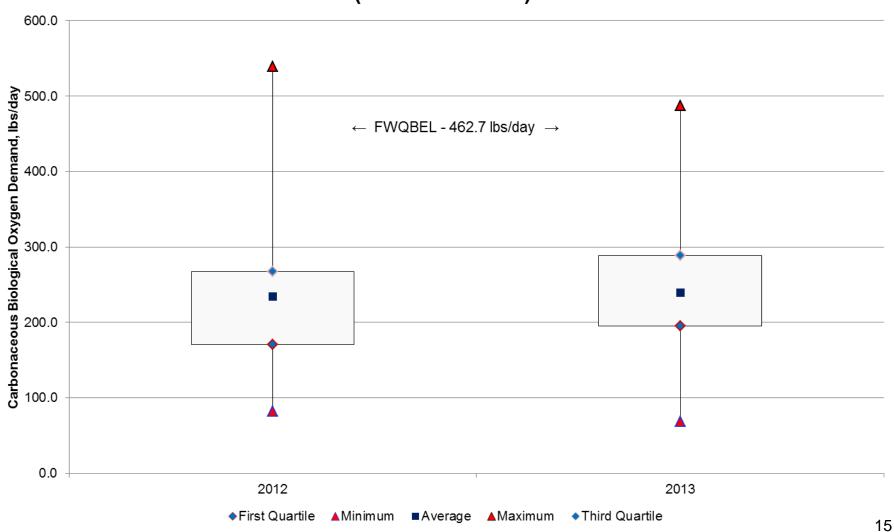


2013 Daily Carbonaceous Biological Oxygen Demand (Outfall 001)



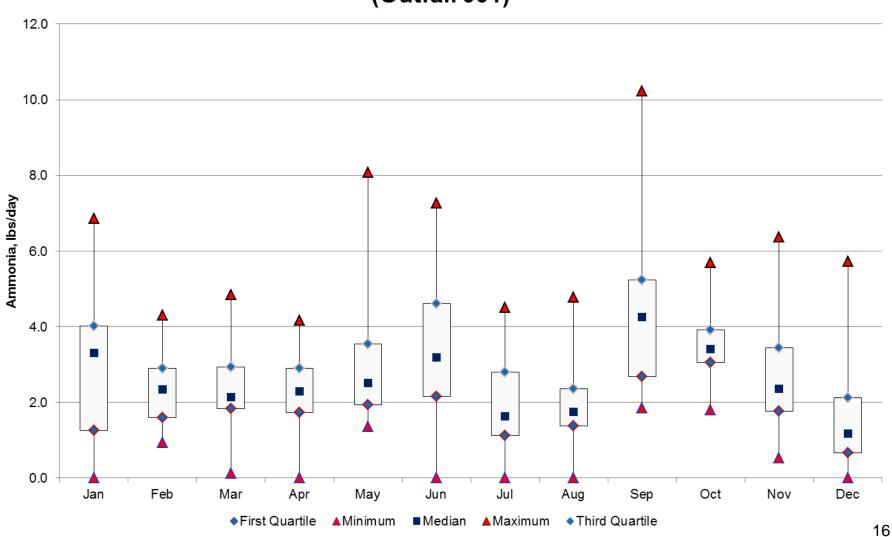


Seasonal Carbonaceous Biological Oxygen Demand (2012 and 2013)



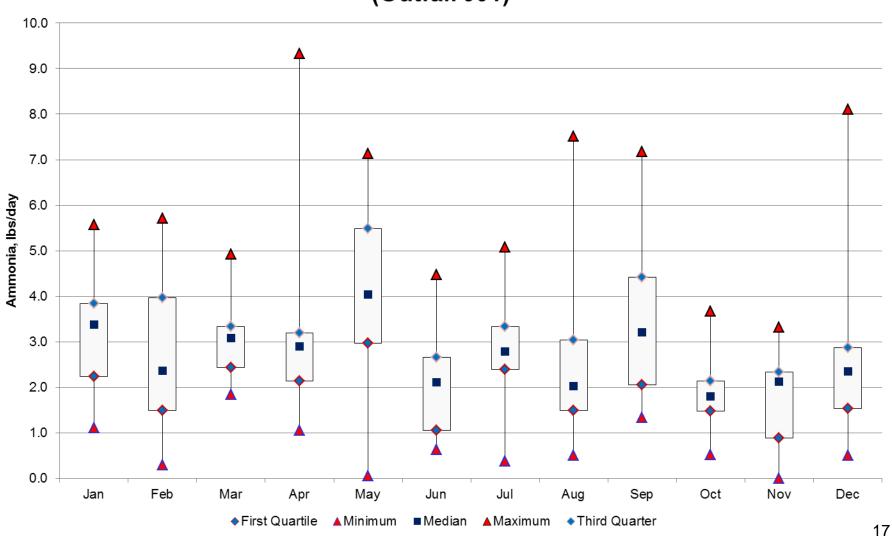


2012 Daily Ammonia (Outfall 001)

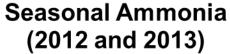


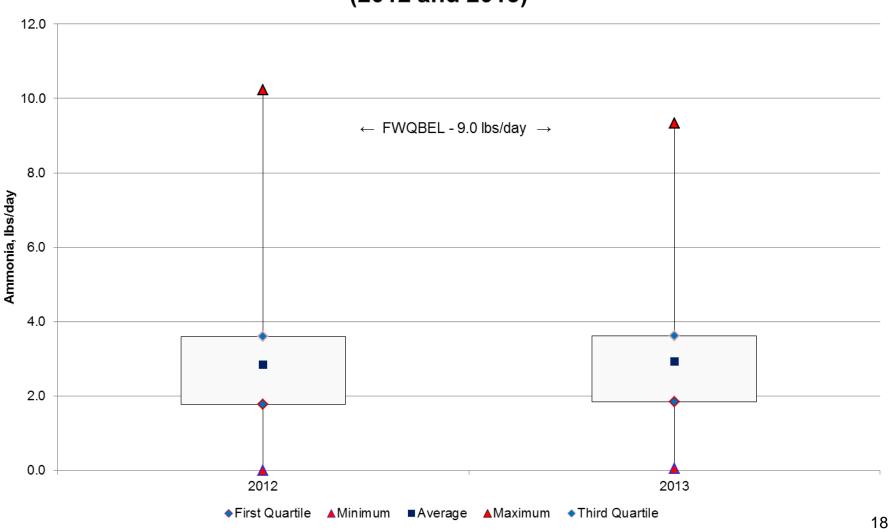


2013 Daily Ammonia (Outfall 001)









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