

WPP STAKEHOLDER MAKEUP MEETING MINUTES
JUNE 17, 2014

ATTENDEES:

- ❖ Terry Bowie, Peter Czerwinski, Zuri Dale, Frank Green, Andy Isbell, Tyler Jacobs, Robert Knight, Vernon Miller, Paul Nelson, Scott Nichols, Warren Oja, Carol Reed, Scott Taylor, Mark Webb, Jean Wright
- ❖ Randy Acreman, Michael Bleier, Christine Cooper, Rhonda Mona, Gary Montgomery, Davies Mtundu, Hector Ortiz, David Parkhill, Bret Raley, Michelle Simpson, Shane Simpson, Karen Thomas, Lloyd Tisdale

AGENDA:

- ❖ Follow up on last stakeholder meeting
- ❖ HGAC Steering Committee
- ❖ Presentation of Lake Conroe Water Quality Data Review
- ❖ Roundtable Discussion

OPENING:

- ❖ Welcome by Bret Raley announcing Jean Wright with HGAC attending today
- ❖ Overview of meeting by Bret Raley
- ❖ David Parkhill presented overview of upcoming classes by HGAC and provided handout

PRESENTATIONS:

- ❖ Lake Conroe Water Quality Data Review

DISCUSSION TOPICS:

- ❖ Sampling Levels and Processes
- ❖ Relationship of Chloride and Conductivity
- ❖ Survey of importance of different pollution sources
- ❖ Differences of industrial and domestic pollutants
- ❖ Shoreline Erosion

DISCUSSIONS HELD:

David Parkhill: Discussion on violations of stream standards.

Bret Raley: SJRA will be deploying a Water Quality probe at the FM 1375 bridge over the course of the next year.

David Parkhill: Explanation of sampling processes and screening levels.

Andy Isbell: Questioned why the chlorophyll dropped off in the last year? Shane explained sometimes data isn't entered through the QA/QC process.

Paul Nelson: Questioned if chlorophyll is tested in the field or lab? Shane responded it is tested in the lab.

David Parkhill: Explains the role the light plays with algae.

Mike Bleir: Questioned if during the Hydria spike in 2006-2008 was there any coalition with nutrients levels in the lake? Could it be a contributing factor?

David Parkhill: Responded our data doesn't go back that far, but would be something to look into.

Mark Webb: Outflows from treatment plants is where the most Hydria was seen. So it is very likely there is a relationship.

David Parkhill: Aquatic vegetation will be effected by sediment. Sediment sampling is something we are not doing now, but would like to.

Mark Webb: Looking at data for Houston and Livingston, both reservoirs tend to be turbulent.

Gary Montgomery: Questioned if there is any thought in doing this type of testing.

David Parkhill: Yes, but it is very expensive.

Paul Nelson: Questioned the levels of dissolved oxygen.

David Parkhill: Levels are very good.

Peter Czerwinski: Stated that treatment plants have a hard time meeting minimum permit requirements, how is Lake Conroe's DO level at 8.0?

Paul Nelson: Questioned if testing is done at consistent levels.

Randy Acreman: Winter months create higher levels. Also, wind is a factor.

Peter Czerwinski: Stated samples should be done at different levels to obtain averages.

Jean Wright: Stated the state standard is one foot below surface.

Mark Webb: Questioned where is Conroe's stratification at?

Randy Acreman: Towards the bottom.

Mark Webb: Discussion of stratifications, what we see here is good oxygen.

Tyler Jacobs: Questioned what depths the GRP pumps are going to pump from.

Hector Ortiz: 10', 30', 40' or 50'.

David Parkhill: The bottom pump would be rarely used, except in a drought.

Peter Czerwinski: If Chloride increases in drought would that be from water treatment plants?

David Parkhill: Evaporation is a big driver of chloride.

Andy Isbell; David Parkhill: Discussion on Chloride and Conductivity.

Mark Webb: Gave example of Lake Bryan in relation with alkalinity, conductivity, and salinity.

David Parkhill: Would expect levels to drop down after a prolonged period of normal rainfall.

Andy Isbell: Good to see spikes in the data.

David Parkhill: After rain events you can see spikes in the data.

Jean Wright: E-coli are on an upward trend overall however, it is still significantly under the state levels. Sampling preset days is good sampling.

Tyler Jacobs: Data is on the back end of drought.

Lloyd Tisdale: Stated it is important there is a trend.

David Parkhill: We would like to get some input from the Stakeholders on what SJRA's plan should address in order to establish priorities.

Paul Nelson: Would like to stress to try to get ahead of the urban developments.

Gary Montgomery: Questioned if we know how many pipelines are under the reservoir?

Karen Thomas: Stated yes, we are getting that information from the railroad commission.

Andy Isbell: Stated he can supply pipeline data for Walker County.

Terry Bowie: Questioned shoreline erosion's effect.

David Parkhill: Discussion on effect of bulkheads on erosion.

David Parkhill: Discussion on rupture pipeline threats.

Paul Nelson: Discussion on the amount of water used for agriculture.

Andy Isbell: Groups who study the water base information on bacteria and a lot of the chemical pollution is ignored.

David Parkhill: Floatables are a big contributor.

Carol Reed: TCEQ doesn't staff or have the expertise in industrial waste water inspections; they concentrate more on the domestic.

Tyler Jacobs: Believes it would be good for the River Authority to understand the burning of the National Forest.

Warren Oja: Burning of the forest is selectively thinning the forest.

Bret Raley: Would like to consider for a future meeting the impact of the management activity of the National Forest.

Andy Isbell: In the state of Texas you have to have a permit to pollute.

CONCLUSIONS:

- ❖ Results of Survey will be emailed.
- ❖ Will be arranging a group tour of GRP plant.