

**LLM-BSC-WPP: Steering Committee Meeting**  
**June 17, 2020**  
**Meeting Notes**

**Welcome & Introductions (Andrew Ernest)**

- Roll Call: See last page for attendance
- Introduction of Jessica Johnstone, New Project Manager
- Dr. Oubedillah introduction, Phase-II P.I.
- Steering Committee introductions: **NOTE\* Vasquez replacing Boyd**
- Subcommittee Technical Advisory introductions
- Subcommittee Urban and Infrastructure Workgroups introductions
- Subcommittee Habitat and coastal workgroup introductions

**Status of Data collection (Abdoul Oubeidillah)**

- Northern and Central projects; complimentary (Phase II)
- Building off of other 319 project (sampling)
- 20 samples what is needed; stream flow. Increase frequency of sampling
- Develop watershed protection plan
- Data will be taken from Phase I
- Continue talks regarding issues; assess conditions of watershed
- Timeline: refer to presentation

Andrew Ernest:

- Explanation of 319 program
- Goal: community driven plan for existing threats to water bodies, then implement, then assess if plan is working

Jaime Flores:

- Plan approved in 2017 by EPA; grandfathered in
- Phase 2, implementation projects for Arroyo Colorado

**Modeling Efforts**

Andrew Ernest:

- EPA's 9 elements
- First sampling in February, 2020 and loaded to TCEQ's server in April
- Second monitoring in July, dependent on COVID regulations
- Stormwater Conference, Outreach component, postponed due to COVID
- Outreach activities are planned to be done virtually
- Timeline of watershed protection plan approved by 2022: see presentation
- Collecting every two weeks at data points

- LDC: flow data
- Based on loading patterns, will start to look at management objectives in conjunction with steering committee

### **Stakeholder Input for Model Assumptions**

- Once past TCEQ, will send to EPA for approval in March of 2022
- Land Use locations

Chris Fuller

- Three stations flow into San Martin Lake
- Phase I sampling recap
- Biased flow will be scheduled after rain event (estimating September)
- 5 sampling per year, but will be combined with Phase 2 sampling
- Real time sampling data can be viewed at: <http://rths.us/#7/43.500/-74.000>
- Review of title signatures

Tim Cawthon

- Explanation of bacteria level and flow of ship channel
- Screening levels; concerns over impairs

Chris Fuller

- 2<sup>nd</sup> sampling event postponed due to COVID

Andrew Ernest:

- San Martin Lake is a buffer that goes through Los Fresnos; quite a bit of activity. NRA collecting data.
- Phase II: quarterly flow monitoring in San Martin Lake; influx in and out of ship channel from San Martin Lake
- Data pulled into cyberinfrastructure; community engagement platform. Not open for access to stakeholders
- Two models will be used: SELECT Model and LDC (Load Duration Curves)
- Review of basins
- Plan to have 18 concentration data flows
- Workgroups will meet on a monthly basis
- Roads need to be identified
- Breakdown of data from workgroups

### **Data Gaps**

Ahmed Mahmoud

- Breakdown of 9 EPA elements

- Review of Brownsville Ship Channel (GIS layers) can be viewed at: <http://www.reon.cc:8607/>
- Expecting to have agricultural run off
- Colonias in Brownsville area; watershed district
- Hydrology of the area important
- Main objective: site visit using GIS to collect data truthing (LIDAR data); drain ditches
- Several potential point sources
- Landfill permits; Brownsville area

Andrew Ernest:

- Summarizes meeting
- Turbidity; Laguna seagrasses (Question from Tony Resisigner)
- Interest of steering committee will determine direction
- Next meeting will be during the next quarter
- Subcommittees and Workgroups will meet in regards to data collection
- Concludes meeting

**Roll Call:**

1. Andrew Ernest
2. Ahmed Mahmoud
3. Deanna LeVrier
4. Carol Vasquez
5. Commissioner David Garza
6. Commissioner Eduardo Gonzales
7. Christopher Fuller
8. RRamirez tsswcb,
9. Abdou Oubeidillah
10. Benjamin Worsham
11. Brian Koch
12. Jessica Johnstone
13. Raul Gomez
14. Raul Garcia
15. Tim Cawthon
16. Tony Resinger
17. Tushar Sinha
18. David Alaniz
19. Augusto Sanchez Gonzalez
20. W. Cupit
21. P. Rodriguez
22. Jaime Flores
23. Raul Garcia
24. Raul Gomez