



SFWMD C-8 AND C-9 WATERSHEDS FLOOD PROTECTION LEVEL OF SERVICE ADAPTATION PLANNING AND MITIGATION PROJECTS STUDY

Date: August 15, 2022

Time: 2:30 PM – 3:30 PM

Subject: Bi-Weekly Meeting #30

Attendees Highlighted:

- Hongying Zhao, **SFWMD**
- Ana Carolina Maran, **SFWMD**
- Nicole Cortez, **SFWMD**
- Akin Owosina, **SFWMD**
- Ann Springston, **SFWMD**
- Lichun Zhang, **SFWMD**
- Matahel Ansar, **SFWMD**
- Larry Brion, **SFWMD**
- Carol Ballard, **SFWMD**
- Ruben Arteaga, **SFWMD**
- Sashi Nair, **SFWMD**
- Francisco Pena Guerra, **SFWMD**
- Shahana Mona, **SFWMD**
- Vijay Mishra, **SFWMD**
- Chris Carlson - **SFWMD**
- Irela Bague, **Miami Dade**
- Marina Blanco-Pape, **Miami Dade**
- Alberto Pisani, **Miami Dade**
- Gregory Mount, **Broward**
- Kevin Hart, **SBDD**
- Susan Bodmann, **Broward**
- Jennifer Jurado, **Broward**
- Rajendra Sishodia, **Broward**
- Virginia Walsh, **WASD**
- Omar Abdelrahman, **RER**
- Pamala Sweeney, **RER**
- Katherine Hageman, **RER**
- Laura Eldridge, **(RER)**
- Valentina Caccia, **RER**
- Michael Zygnerski, **Broward Co**
- Karina Cordero, **RER**
- Michael DelCharco, **Taylor Engineering**
- Angela Schedel, **Taylor Engineering**
- Pat Lawson, **Taylor Engineering**
- Joseph Wilder, **Taylor Engineering**
- Stephanie Massey, **Taylor Engineering**
- Lynette Cardoch, **Moffatt & Nichol**
- Juan Prieto, **Nova Consulting**
- Peter Sahwell, **Nova Consulting**
- John Loper, **Anclote Consulting**
- David Key, **ESP – Florida**
- Amanda TerBeek - **ESP**
- Nathan Slaughter, **ESP – Florida**
- Lara Tomenchok - **NOVA**
- Sarah Hamm, **Moffatt & Nichol**
- Elton Smith, **Taylor Engineering**

Notes:

1. Meeting Kickoff

- Roll Call

2. Task 3 – Flood Damage Assessment

- Presentation of Estimated Annual Damages by census and normalized by \$/acre
- Pat presented the results, showed the table of the results and then the maps of results.
 - a. Pat explained the layout of the table and the maps
 - b. An example of C8 with MO and SLR 0, 1, 2, 3
 - c. It is easy to see the impact of SLR impacting the lower downstream basins
 - d. Discussed M3 – raising elevations above SLR 1, 2, and 3
 - e. C9 is a much larger basin and will have 3 pages for each table
 - f.

3. Additional action Items from Previous Meeting

- Report writing in full swing:



moffatt & nichol



Nova Consulting

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- i. Task 2.2 – H&H Modeling Summary and Mitigation Project Costs
 - Pulling it together, but so much data it may be hard to complete by this week. Good news is that the District and stakeholder have seen the results (June 6 meeting) and the will not be likely to change with the report review. Of course, grammar, layout, etc, but the modeling is pretty set.
- ii. Task 3 – Estimated Annual Damage calculations and Present Value Analysis
 - This is a very important step in the project because it gets to cost benefit ratios. We expect delivery this week.
- iii. Task 4 – Adaptive Management Tool development and results
 - Lynette summarized the work to date. She is hopeful for a submission this week.

4. Questions/Comments

- Any comments from Stakeholders?
- Omar – that one building that has high costs, you may be able to look at permits and get some more information
- Ruben – did you look at repetitive losses? No, we were not able to get that data. But, we know the District has it and we'd like to have you (the District) look at it with our data

