

SWIL Model Updates – Primary Tasks

Below are a series of primarily yes/no questions on local data that could make the SWIL Model update more robust. Please keep in mind that all data you describe here must be evaluated before inclusion in the SWIL update. If you answer "yes" to any of the questions below, data would need to be submitted to DEP in the correct format by July 16, 2021.

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* Required

1. What's your name and best contact info:

Mark Piccirillo - Public Works Director - mpiccirillo@westmelbourne.gov - City of West Melbourn

2. Which municipality, county, water control district, or other allocated stakeholder are you representing? *

City of West Melbourne

3. Do you have any proposed changes to the existing SWIL drainage basin boundaries, (areas delineated by your stormwater masterplan), in your jurisdiction?

*

☐ Yes

☒ No

4. Do you have specific land use/land cover datasets or layers that differs from those developed and distributed by the SJRWMD or SFWMD? *

☐ Yes

☒ No

5. Would you be able to provide any additional water flow data within your jurisdiction? *

☐ Yes

☒ No

6. Do you have additional site-specific rainfall data within the period of record (2000 – 2020) that can be used in addition to NEXRAD data, or published NOAA, SJRWMD , SFWMD gauged information? *

☒ Yes

☐ No

7. Do you have additional site-specific soil data that can be used in addition to the NRCS soil layer? *

☐ Yes

☒ No

8. Do you have additional site-specific evapotranspiration data that can be used in addition to the MODIS satellite derived product data? *

☐ Yes

☒ No

9. Do you have local/regional specific direct runoff event mean concentrations (EMCs) or runoff coefficients (ROCs)? *

☐ Yes

☒ No

10. Could you provide the supporting studies and calculations used to develop your EMCs and or ROCs? *

☐ Yes

☒ No

☐ N/A

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