

**Rhonda Haag - Chief
Resilience Officer**

**Judy Clarke - Director
Engineering Svsc &
Roads**



MONROE COUNTY
FLORIDA

HR wood.

ERIN L. DEADY, P.A. 

Road Elevation Stormwater Permitting

June 21, 2021

South Florida Water Management District – Environmental Resource Permit

Water Quantity – Regulated (not including design for SLR / King tides)

- Discharge
No adverse impacts to offsite properties (i.e. can't flood neighbors)
- Design Storm
 - Frequency (5 year, 1 day)
 - Intensity (IDF Curves)

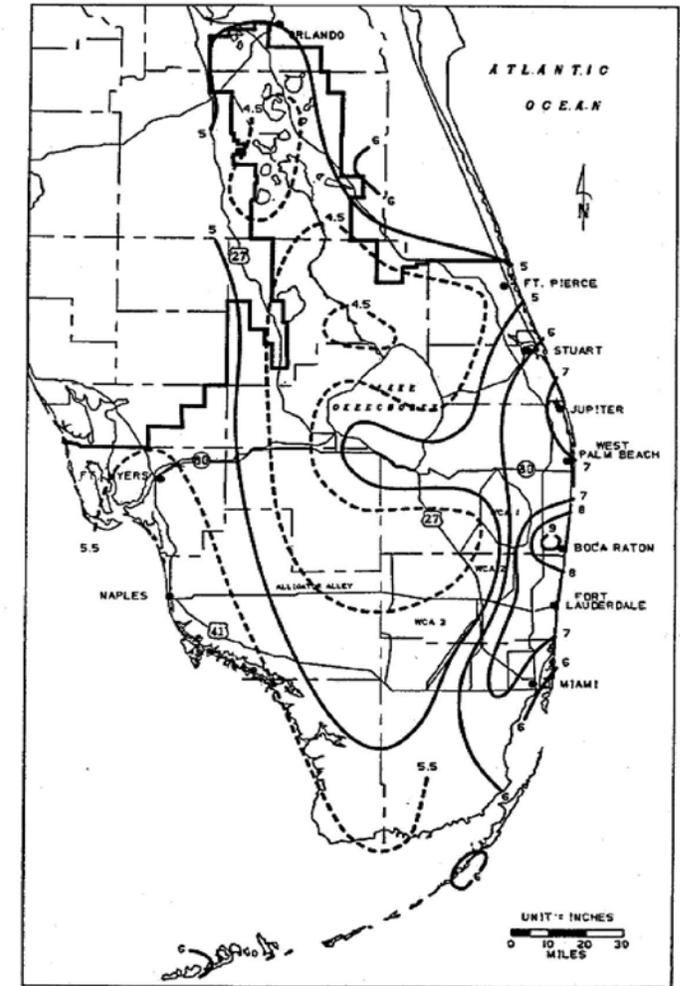


FIGURE C-3. 1-DAY RAINFALL: 5-YEAR RETURN PERIOD

South Florida Water Management District – Environmental Resource Permit – Cont.

Water Quality

All projects

- Land use evaluation
 - Curve Number
 - Soils
 - Time of Concentration
- First 1 inch of runoff or total runoff of 2.5 inches times the % imperviousness (roadway), whichever is greater.
- Provide wet / dry detention

Outstanding Florida Waters (Florida Keys) - Outfalls

- District will require that additional protective measures be incorporated into the project's design and operation to provide reasonable assurance that the proposed discharge will not cause or contribute to violations of State water quality standards.
- The additional protective measures shall include a site-specific pollutant loading analysis and an additional 50% water quality treatment volume above the amounts mentioned above.
- water quality monitoring requirements