

**CSRWG 22 May 2008**  
**Baldwin (email) 1 of 2**

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**From:** Larry F. Baldwin, CPSS/SC [mailto:LBaldwin@ec.rr.com]  
**Sent:** Monday, May 19, 2008 1:15 PM  
**To:** George Givens (Research)  
**Subject:** Coastal Stormwater Rule Issues

TO: George F. Givens

Below is one of the issues raised at last week's stakeholder's meeting regarding potential Federal Flood Insurance impacts from the proposed rules, and FEMA's email response.

Also attached in .pdf format is a conceptual map showing a typical 10 acre tract within coastal NC, and the potential impacts if only a "low density" options can be done either physically or economically.

Thank you for your professional and fair handling of the stakeholder's meeting process.

Larry F. Baldwin, CPSS/Sc  
(910) 471-0504

----- Original Message -----

**From:** [AsktheExpert](#)  
**To:** [LBaldwin@ec.rr.com](mailto:LBaldwin@ec.rr.com)  
**Sent:** Monday, April 14, 2008 9:38 AM  
**Subject:** RE: Stormwater Management (Customer Number-23114)

We are responding as a representative of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) to your e-mail message, below. Please reference your customer number, which is 23114, in any future correspondence to [AsktheExpert@mapmodteam.com](mailto:AsktheExpert@mapmodteam.com).

You asked for guidance on your work to establish State stormwater ordinances for coastal counties and the possibility some of the provisions of the ordinances might threaten or void coastal county Federal flood insurance coverage. We apologize for the delay in responding.

The consensus is: the regulations regarding floodplain management are designed so that the base (1-percent-annual-chance) flood is not aggravated. As long as your plans and activities with regard to stormwater management do not increase the base flood water-surface elevations, there should be no problem.

We hope this information has addressed the concerns raised in your e-mail. If you need additional information or assistance, please reply to this message and reference your customer number, 23114, or visit FEMA's Flood Insurance website at <http://www.fema.gov/business/nfip>.

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----- Original Message -----

**From:** [Larry F. Baldwin, CPSS/SC](#)  
**To:** [asktheexpert@mapmodteam.com](mailto:asktheexpert@mapmodteam.com)

**CSRWG 22 May 2008**  
**Baldwin (email) 1 of 2**

**Sent:** Tuesday, March 11, 2008 5:26 PM

**Subject:** Stormwater Management

We are currently working to establish State stormwater ordinances for coastal counties. One provision is to retain, hold, and infiltrate all annual rainfall events up to the 24 hr storm event or ~3.5 to 4 inches. This is essentially all rainfall from impervious surfaces.

We are concerned retaining all rainfall events up to the 3.5 - 4 inch storm event may cause higher seasonal water tables, cumulative wet conditions, ponding, or flooding .

Will creating these types of site conditions threaten or void a coastal county's Federal Flood Insurance coverage??

Larry F. Baldwin, CPSS/Sc  
(910) 471 - 0504