



**PLANNING COMMISSION  
MEMORANDUM**

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**TO:** Planning Commission  
**VIA:** Robert S. Cohn, AICP, Planning Commission Administrator *RC*  
**FROM:** Jenny Plummer-Welker, AICP, Principal Planner *JPW*  
**DATE:** February 23, 2010  
**SUBJECT:** Calvert County Comprehensive Plan Proposed Amendments—Page 36

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**Background:**

A marked up copy of the proposed plan (February 2010 draft) was distributed to the Planning Commission with the agenda packet for the meeting on February 24, 2010.

**Discussion:**

The last sentence of the second paragraph on Page 36 was incomplete. Staff has edited the second paragraph, including adding a statement about the Prince Frederick Wastewater Treatment Plant. Footnote 7 was deleted since the information to which it referred was deleted from Table I-C. Attached is corrected draft of Page 36. Changes appear in red text with yellow highlight.

**Recommendations:**

For consideration at the Planning Commission's meeting on February 24, 2010.

Attachment

Municipal Plant (over 500,000 gallons) -Name (Owner)	Point of Discharge	2008 Max. Site Capacity Secondary/ Advanced (MGD) <sup>3</sup>	2008 Existing Capacity (MGD) <sup>4</sup>	2008 Average Peak Flows (MGD) <sup>5</sup>	Anticipated Flow in 2030 (MGD) <sup>6</sup>
Chesapeake Beach (Town of Chesapeake Beach)	Direct discharge - outfall (Chesapeake Bay)	1.5 <sup>7</sup>	1.18	0.85	1.2
Prince Frederick (Calvert County)	PF I: Spray irrigation  PF II: Spray irrigation	0.50 PF II	0.75 Total (0.45 PF I) (0.30 PF II)	0.44 (0.185 PF I) (0.255 PF II)	0.95
Solomons Island (Calvert County)	Rapid infiltration discharge (basins)	1.017	1.017	0.335	0.8

[Note: Table I-C was revised: the last column showing the operating agency (Calvert County Department of Public Works – Division of Water and Sewerage for all three systems) was deleted. The column was replaced with anticipated flows in 2030. This note will not be included in the clean copy of the approved plan.]

Chesapeake Beach Sewage Treatment Plant's 2030 expected plant capacity will be 1.5 MGD. The proposed pending upgrade will accommodate this demand. Until the total maximum daily load limits are established by the State, it is not known if the receiving waters can accommodate the load. The Prince Frederick system's 2030 anticipated flow exceeds the plant's existing capacity. Prince Frederick Plant I will be upgraded to add capacity.

<b>Actions</b>	
I-127	Require new sewerage treatment systems to be land application systems and explore other beneficial ways of reusing wastewater. [BOCC]
I-128	Continue the policy of restricting new sewerage service areas for multiple users to Priority Funding Areas, except for connection to septic failure areas. In those cases, only connect to existing developed lots. [BOCC]
I-129	Develop and/or update wastewater capacity management plans for all County owned or operated community sewerage systems. [PW]
I-130	Estimate the approximate number of additional households and the associated commercial and industrial development and approximate quantity of additional wastewater capacity needed to support projected growth in the priority funding areas. [PW, P&Z]
I-131	Work with the Board of Education to upgrade the Northern High School Treatment Plant. [PW]
I-132	Plan for expansion of the Prince Frederick Wastewater Treatment Plant. [PW]

<sup>3</sup> Source: Calvert County Comprehensive Water and Sewerage Plan 2008

<sup>4</sup> Ibid.

<sup>5</sup> Ibid.

<sup>6</sup> Based on Scenario 2 (45% of all new residential growth occurs in Town Centers). Projections also include anticipated commercial growth.

<sup>7</sup> Upon completion of upgrade.