

Regional Watersheds Committee

SWFRPC

AGENDA

11-16-2011

Call To Order

Approve Minutes from Last Meeting

Introduction – Chairman Mick Denham

The list from the DRI checklist of questions that resulted from the resolutions (attached **DRI Questions**).

Determine what parts of the resolutions have been implemented by various communities.(attached **Stormwater Matrix Route from Resolution to Ordinance**)

Addressing a continuing criticism from property owners that the ponds used to keep stormwater onsite use up valuable land area, and that more options are needed – a menu of choices needs to be developed for property owners.

An award program that recognizes property owners that use good stormwater design.

Public Input

Identify and Approve a Date for the Next Meeting – January 19, 2012

Adjournment

DRI Questions

QUESTION 19 - STORMWATER MANAGEMENT

See State Comprehensive Plan (Chapter 187, F.S.) GOAL (8); POLICY (12) GOAL (16); POLICY (1) GOAL (18); POLICIES (1),(2),(3),(4),(6)
EXISTING LEVEL OF SERVICE:
ADOPTED LEVEL OF SERVICE STANDARD:
LEVEL OF SERVICE AFTER PROJECT BUILDOUT:

- A. Describe the existing drainage patterns on-site as shown on Map I, including any potential flooding and erosion problems.
- B. Describe the various elements of the proposed drainage system shown on Map I, including any wetlands to be used as part of the system, and discuss the design criteria (including stage-storage/ stage discharge assumption) to be used for the various elements. Provide typical cross-sections (showing dimensions, slopes and control elevations) for any proposed lakes or swales. Identify the control elevation for all drainage structures. Include information as to what design storm will be used for what portions of the system.
- C. From Map I, indicate the total number of acres in each drainage area and specify the acreage of any portions of drainage areas outside the site boundaries. Complete the following table for on-site drainage areas.
- D. Specify and compare the volume and quality of run-off from the site in its existing condition to the anticipated run- off at the end of each phase of development. (The parameters to be used to define "quality" and methodology should be agreed to by the regional planning council and other reviewing agencies at the pre-application conference stage.) Identify any changes in timing or pattern of water flows between pre- and post-development conditions. Indicate major points of discharge and ultimate receiving water body (ies). Indicate what provisions will be incorporated in the design of the drainage system, including a summary description of any Best Management Practices to be utilized, to minimize any increase in run-off from the site and to minimize any degradation of water quality in the ultimate receiving body over that occurring in its pre-development state.

Drainage Areas

PHASING	IMPERVIOUS SURFACES (ACRES)	SURFACE RETENTION ¹ (ACRES)	OPEN SPACE (ACRES)	TOTAL (ACRES)
Existing Phase 1 . . n TOTAL				

¹ Category includes lakes, ponds, storage areas, etc.

- E. Who will operate and maintain the drainage system after completion of the development?
- F. **When it is available, in detail specify and compare the volume and quality of run-off from the site in its existing condition to the anticipated run-off at the end of each phase of development.**
- G. **When it is available, specifically identify any changes including duration, frequency and seasonality, in timing or pattern of water flows, between pre- and post-development conditions.**
- H. **Describe how the proposed project will maintain and restore the natural flow distribution of the natural waterways and flow ways. As appropriate, explicitly describe how the project will be designed to restore sheet flow to areas of the project site.**
- I. **When the coordination with the SFWMD/SWFWMD has attained the stage when specific best management practices are submitted in the sufficiency response, in detail, indicate specifically what provisions will be incorporated in the design of the drainage and storm water management system for this project, including a narrative or tabular summary description of the specific Best Management Practices that will be utilized, to minimize any increase in run-off from the site and to reduce and minimize any degradation of water quality in the ultimate receiving body over that occurring in its pre-development state.**
- J. **Please tabulate, delineate and describe the acreages of existing wetland areas that will be utilized as stormwater treatment facilities and flood storage. Do you anticipate that wetlands incorporated into the stormwater management system will require wetland mitigation due to water quality impacts to these wetlands as they are utilized**

for stormwater treatment? Has this been accounted for in the existing wetland mitigation strategy for the project?

- K. Please provide copies of all existing and applied for stormwater permits and include all supplemental documents and RAI concerning this stormwater permitting. (Electronic copies are preferred).¹**

**Stormwater Matrix Route from
Resolution to Ordinance**
Southwest Florida Regional Planning Council
October 20, 2011

City or County	Resolution Approved by SWFRPC	Implementation Under Review by Local Jurisdiction	Actions Approved by Local Jurisdiction	Effective Date	Ordinance Citation	Web Page Information Citation
Name	Date	Date	Date	Date		
Sarasota County	(08-011) August 28, 2008 (08-012) January 15, 2009	12-2008	9-2009	9-2009	Low-Impact Development Manual	http://www.scgov.net/Er
City of Sarasota	(08-011) August 28, 2008 (08-012) January 15, 2009	12-2008	9-2009	9-2009	Utilizes Sarasota County Standards	http://www.sarasotagov.com/NDS/SarasotaCityPlan(2030)/6-UtilitiesChapter/6%20-%20Utilities%20Chapter%20(Plan).pdf
City of Venice	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				http://www.venicegov.com/Files/Plan_Zoning/Enivision_Venice/2010_Comp_Plan/6%20Utilities%20Volume%20I%20GOPs%20wRA%20(102610).pdf
Town of Longboat Key	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				
City of North Port	(08-011) August 28, 2008	9-13-2009	6-14-2010	6-14-2010	UNIFIED LAND DEVELOPMENT	http://cityofnorthport.com/index.aspx?page

	(08-012) January 15, 2009				CODE	=265 http://cityofnorthport.com/Modules/ShowDocument.aspx?documentid=2927
Charlotte County	(08-011) August 28, 2008 (08-012) January 15, 2009	1-1-2008		2010	SWM Objective 3.3 Low Impact Development and Green Infrastructure	http://www2.charlottefl.com/CompPlan/main/view_doc.aspx?show_comments=true&docid=9 http://www.ingentacnect.com/content/wef/wefproc/2008/00002008/00000006/art00006
City of Punta Gorda	(08-011) August 28, 2008 (08-012) January 15, 2009	11-6-2007		Incorporated in Climate Change Adaptation Plan approved 11-18-09	Informational brochures and tip cards are in distribution.	http://www.ci.puntagorda.fl.us/depts/publicworks/sw_edu.html http://ci.puntagorda.fl.us/depts/growthmgmt/documents/harborwalkwest_ValueEngineer_CC07012011.pdf
Lee County	(08-011) August 28, 2008 (08-012) January 15, 2009			6-2010	Office of Sustainability and NPDES TRAINING & CLASSES Erosion and Sediment Control Advanced Storm water	http://www.lee-county.com/gov/dept/sustainability/Pages/default.aspx http://www.leegov.com/gov/dept/NaturalResources/NPDES/Pages/default.aspx
City of Bonita Springs	(08-011) August 28, 2008 (08-012) January 15, 2009	1-7-2011 2-18-2011			Stormwater Master Plan Update	http://www.cityofbonitasprings.org/wp-content/uploads/2011/01/RESOLUTION-NO.-11-001-SFWMD-GRANT-

						STORMWATER-MASTER-PLAN-UPDATE-PHASE-2-WATER-QUALITY.pdf
City of Cape Coral	(08-011) August 28, 2008 (08-012) January 15, 2009	209	7-26-2011	7-26-2011	Stormwater utility	
City of Fort Myers	(08-011) August 28, 2008 (08-012) January 15, 2009		3-16-2009	3-16-2009	Stormwater utility Adopt a Canal Program	http://www.cityftmyers.com/Departments/PublicWorks/Divisions/Engineering/Information/StormwaterInformation/tabid/340/Default.aspx
City of Sanibel	(08-011) August 28, 2008 (08-012) January 15, 2009	1-2009		9-6-2011 most recently	Florida Stormwater, Erosion and Sedimentation Control Inspector Training and Certification Program	http://www.mysanibel.com/Departments/Public-Works-Including-Utility-and-Parks-Maintenance/Stormwater-Management-to-Protect-Water-Quality http://www.sanibelh2o.com/achievements.cfm
Town of Fort Myers Beach	(08-011) August 28, 2008 (08-012) January 15, 2009	1-2009		4-2009	Personal Responsibility for Island Stormwater Management	http://www.fortmyersbeachfl.gov/index.asp?NID=121
Collier County	(08-011) August 28, 2008 (08-012) January 15, 2009	10-13-2009			Watershed Management Plan	http://www.colliergov.net/Index.aspx?page=2297 http://www.colliergov.net/Modules/ShowDocument.aspx?documentid=39378

						http://www.colliergov.net/Modules/ShowDocument.aspx?documentid=39382
City of Naples	(08-011) August 28, 2008 (08-012) January 15, 2009	11-2005	ORDINANCE 07-11807	10-17-2007	Basin V Stormwater System Improvement Plan	http://www.naplesgov.com/Departments/StreetsandStormwater/StormwaterManagement.aspx http://www.naplesgov.com/LinkClick.aspx?fileticket=%2f5aNkDbaDnk%3d&tabid=130&mid=536
City of Marco Island	(08-011) August 28, 2008 (08-012) January 15, 2009	12-2009				http://www.cityofmarcoisland.com/index.aspx?page=198 http://www.cityofmarcoisland.com/ftp/Planning/CompPlanPartI.pdf#page=39 http://invisiblestructures.com/project_profiles/product/rainstore3/bald-eagle-intersectionmarco-island-city-hall-police-station-marco-island-florida/
Everglades City	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				
Glades County	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				

City of Moore Haven	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				
Hendry County	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				
City of LaBelle	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				
City of Clewiston	(08-011) August 28, 2008 (08-012) January 15, 2009	No Action to Date				