TOWN OF OCEAN RIDGE

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Activity 510
Floodplain Management Plan
Annual Progress Report for the Town of Ocean Ridge, Florida
August 2009

The purpose of this report is to explain the progress that occurred this past year (2008-2009) in implementing the Town's Stormwater Drainage Plan and what improvements are planned for 2010. As the Town's consulting engineer, Engenuity Group, Inc. prepared this report in conjunction with the Town's NFIP Coordinator. The report briefly reviews the enforcement and maintenance of the Flood Damage Prevention Ordinance, Stormwater Management Plan, and Drainage System Maintenance Standard Operating Procedure.

The Town of Ocean Ridge is a small coastal community in Palm Beach County. The Town adopted the Countywide Local Mitigation Strategy (LMS) with Palm Beach County and in 1993 adopted its own Flood Damage Prevention Ordinance. The Town's goals have been to educate the residents to become aware of flood warnings, to be more aware of flood safety procedures, enhance flood insurance awareness, and to mitigate drainage issues within the Town.

The Town is an active participant in the County Wide Community Rating System (CRS) and attends monthly meetings. Ocean Ridge continues to update the flood information section on their website, in their newsletters, as well as provide literature at Town Hall. The Town of Ocean Ridge has been verified as a Class 7 rating in the National Flood Insurance Program's (NFIP) Community Rating System (CRS) as of May 2009 (a positive increase in rating from previous Class 8). NFIP policies issued or renewed for properties in the Special Flood Hazard Areas (SFHAs) will receive a 15% premium discount.

Copies of the Town's Stormwater Drainage Plan and previous annual progress reports can be found at Town Hall. The report for 2008-2009 will be made available at Town Hall, published on the Town's website www.oceanridgeflorida.com, published in the Ocean Ridge Reporter newspaper,

and in the Ocean Ridge Tidings email newsletter. In addition, Palm Beach County is responsible for notification of the LMS to the public and media.

Drainage improvements on Bimini Cove Drive, Eleuthera Drive, and Spanish River Drive were completed in October 2008. The work consisted of replacement of six inlets, 425 feet of pipe, and two outfall valves.

For 2009, planned improvements include construction of a drainage pump station at the west end of Coconut Lane and minor drainage improvements on Harbour Drive.

All catchment grills, basins, outfalls, pipes, swales, ditches and the pump station within the Town are thoroughly inspected quarterly by Engenuity Group, Inc. and recorded in the Ocean Ridge NPDES Inspections booklet by Engenuity Group, Inc. The Town's Public Works Department conducts daily visual checks of catchment grates, swales, ditches, and the two pump stations during their rounds. The Town Hall notifies the Police Department (as needed), Public Works Department and Town Engineer (as needed) when residents notify the Town of any drainage, illicit discharge, and dumping issues. If any action is required, the Town Manager, Public Works Department, and/or the Police Department will inspect, coordinate with the Town Engineer and results annotated on the Drainage System Maintenance Log and recorded by the NFIP/CRS Coordinator. Other inspections and maintenance (NPDES, etc.) logs are kept on file with the Town Engineer.

Street sweeping is conducted quarterly by a contractor. The contractor sweeps a total of 18 curb miles of the total right-of-way (9 miles on each side) and removes an estimated 6 cubic yards of debris each quarter. This is disposed of in the designated Town dumpster which is located behind the Public Works facility.

Approximately 63,360 linear feet of swales/ditches are inspected and maintained.

At the end of the calendar year, an annual National Pollutant Discharge Elimination System (NPDES) report is submitted to the Florida Department of Environmental Protection.

On behalf of the Town, Engenuity Group, Inc. continues to review new construction permit applications for compliance with Town ordinances for drainage, swale construction, and finish floor elevations. Projects increasing their impervious area by over 10 percent are also reviewed to meet the code. The Town's Building Official, Hy-byrd, Inc., also continues to enforce the requirements of our Flood Damage Prevention Ordinance including freeboard of one foot above base elevation.

This report will be presented to the Town Commission at the September 2009 Regular Town Commission Meeting for review and approval.