



Alachua County Environmental Protection Department

Chris Bird, Director

August 1, 2008

Sally Adkins
City of Gainesville
Public Works, M.S. 58
P.O. Box 490
Gainesville, FL 32602-0490

RE: ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM QUARTERLY
REPORT. APRIL - JUNE, 2008. FY 2008 – THIRD QUARTER

Dear Ms. Adkins:

In accordance with the Interlocal Agreement between Alachua County and the City of Gainesville for the Establishment of an Illicit Discharge Detection and Elimination Program, enclosed please find the Illicit Discharge Detection and Elimination Report for the Third Quarter of Fiscal Year 2008 (April - June 2008).

Please contact me at 264-6806 if you have any questions or need additional information.

Sincerely,

Agustin Olmos, P.E.
Water Resources Supervisor

cc: Chris Bird (email) John Mousa (email) Anthony Dennis (email)
Dave Cerlanek (email) Ha Nguyen (email) Kathy Fanning (email)
Teresa Scott (email) Stewart Pearson (email) Alan Obaigbena (email)
Paul Davis (email) Rae Hafer (email)

201 SE 2nd Avenue Suite 201 ■ Gainesville, Florida 32601 ■ Tel. (352) 264-6800 ■ Fax (352) 264-6852

Suncom 651-6800 ■ TDD (352) 491-4430

Home Page: www.environment.alachua.fl.us

An Equal Opportunity Employer M.F.V.D.



ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM QUARTERLY REPORT

**APRIL - JUNE 2008
THIRD QUARTER – FY 2008**

SECTION 1: PROGRAM DESCRIPTION

On September 20th, 2001 Alachua County, the City of Gainesville, and the Florida Department of Transportation (FDOT) signed an interlocal agreement for the joint implementation of the National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Stormwater Systems (MS4) program in the Gainesville Urbanized Area. The agreement presented a financial plan for the implementation of the minimum control measures, including mapping requirements, public outreach, operations best management practices and illicit discharge detection and elimination program, required by the NPDES Phase II MS4 program. The agreement established the City of Gainesville as the lead agency for the joint implementation of the program.

On August 27th, 2002 Alachua County adopted the Water Quality Code. The Water Quality Code provided the regulatory framework for the implementation of the illicit discharge detection and elimination program in Alachua County. Specifically, Section 77.10 contained regulations regarding prohibitions on non-stormwater discharges into the MS4 system. The Water Quality Code became effective on January 1st, 2003.

On June 24th, 2003 Alachua County and the City of Gainesville signed an interlocal agreement for the establishment of the illicit discharge detection and elimination program. As part of the agreement, the Alachua County Environmental Protection Department (ACEPD) became the agency responsible for the implementation of the illicit discharge detection and elimination program to satisfy the NPDES Phase II MS4 permit requirements of Alachua County, City of Gainesville and FDOT. Individual NPDES Phase II MS4 permits were obtained by Alachua County on July 8th, 2003, City of Gainesville on July 8th, 2003, and FDOT on June 23rd, 2003.

This report presents a summary of the activities conducted during the third quarter of Fiscal Year 2008 (April - June 2008) by ACEPD staff as part of the illicit discharge detection and elimination program implementation for Alachua County, the City of Gainesville and FDOT as required by their respective NPDES Phase II MS4 permits.

SECTION 2: BMP 3C-03. FACILITY INSPECTION PROGRAM

In order to comply with condition BMP3 C-03 of the NPDES permit, ACEPD expanded its existing Hazardous Materials Management Code (HMMC) and Small Quantity Generator (SQG) inspection program to include compliance with the requirements of Section 77.10 of the Alachua County Water Quality Code. The expanded inspection program included visual inspection of storm drains and storm water management system in the vicinity of each facility, visual inspection of floor drains inside the facility and when necessary collection of water quality samples.

Between April - June 2008, ACEPD staff conducted a total of 94 inspections, including 73 routine and 21 follow-up inspections. Table 2.1 shows a summary of the inspections by ZIP code and Table 2.2 shows a summary of the inspection by Standard Industrial Category (SIC). No violations of the Alachua County Water Quality Code were observed during the compliance inspections. ACEPD recorded the latitude and longitude coordinates of each facility inspected for mapping purposes.

Table 2.1 Facility Inspections by ZIP Code

Zip Code	Inspections
32609	33
32601	21
32608	9
32615	9
32606	6
32653	5
32618	4
32602	2
32605	1
32607	1
32616	1
32641	1
32696	1
Total	94

Table 2.2 Facility Inspections by SIC Code

SIC Code	Inspections
7533 - SERVICES - AUTO EXHAUST SYSTEM REPAIR SHOPS	21
5511 - RETAIL TRADE - NEW AND USED CAR DEALERS	18
7384 - SERVICES - PHOTOFINISHING LABORATORIES	8
7532 - SERVICES - TOP AND BODY REPAIR AND PAINT SHOPS	8
7699 - SERVICES - REPAIR SERVICES NEC	7
7692 - SERVICES - WELDING REPAIR	5
8732 - SERVICES - COMMERCIAL NONPHYSICAL RESEARCH	4
7216 - SERVICES - DRY CLEANING PLANTS EXCEPT RUG	3
2796 - MANUFACTURING - PLATE MAKING SERVICES	2
8041 - SERVICES - OFFICES AND CLINICS OF CHIROPRACTORS	2
1541 - CONSTRUCTION - INDUSTRIAL BUILDINGS AND WAREHOUSES	1
2711 - MANUFACTURING - NEWSPAPERS	1
2836 - MANUFACTURING - BIOLOGICAL PRODUCTS	1

2951 - MANUFACTURING - ASPHALT PAVING MIXTURES AND BLOCKS	1
3411 - MANUFACTURING - METAL CANS	1
4812 - TRANS. & UTILITIES - RADIOTELEPHONE COMMUNICATIONS	1
5099 - WHOLESALE TRADE - DURABLE GOODS NEC	1
5112 - WHOLESALE TRADE - STATIONARY AND OFFICE SUPPLIES	1
7539 - SERVICES - AUTOMOTIVE REPAIR SHOPS NEC	1
7549 - SERVICES - AUTOMOTIVE SERVICES NEC	1
7933- SERVICES - BOWLING CENTERS	1
8011 - SERVICES - OFFICES AND CLINICS OF MEDICAL DOCTORS	1
8069 - SERVICES - SPECIALTY HOSPITALS EXCEPT PSYCHIATRIC	1
8211 - SERVICES - ELEMENTARY AND SECONDARY SCHOOLS	1
9987 - AUTOMOTIVE PAINT AND BODY - FLORIDA CASV	1
9993 - AUTOMOTIVE SALVAGE - FLORIDA CASV	1
Total	94

SECTION 3: BMP 3C-04. COMPLAINT & SPILL RESPONSE PROGRAM

In order to comply with condition BMP3 C-04 of the NPDES permit, ACEPD expanded its existing complaint and spill investigation program to include compliance with the requirements of Section 77.10 of the Alachua County Water Quality Code. In addition to the complaints received via phone and email, ACEPD staff is also part of the Alachua County notification system that provides 24-hours a day response to spills in the County.

Between April - June 2008, ACEPD staff responded to a total of 43 water quality related complaints and spills. Table 3.1 shows a summary of the complaints and spills investigated by Type and Table 3.2 shows a summary of the complaints and spills by ZIP code. Investigation of the above referenced incidents resulted in the issuance of 12 written warnings and 3 civil citations. ACEPD recorded the latitude and longitude coordinates of each incident investigated for future mapping purposes.

Table 3.1 Complaints by Type

Type	Investigations
Hazardous Materials	21
Water Quality	10
Waste Water	8
Erosion and Sedimentation	4
Total	43

Table 3.2 Complaints by Zip Code

<u>Zip Code</u>	<u>Investigations</u>
32601	11
32609	8
32615	6
32608	4
32606	4
32603	3
32605	2
32694	1
32669	1
32667	1
32643	1
32607	1
Total	43

SECTION 4: BMP 3C-05. PUBLIC OUTREACH

In order to comply with condition BMP3 C-05 of the NPDES permit ACEPD staff provided compliance assistance information and distributed Best Management Practices fact sheets as part of the facility inspection and complaint and spill investigation programs.

In April the second edition of the Wader, which focused on creeks, was released and sent to over 200 people. The Wader is an electronic newsletter with a focus on outreach efforts of ACEPD and its partnering organizations. In mid April staff did a few minute Creeks Week segment with Sally Adkins (Gainesville Clean Water Partnership) on County Update. In mid June staff did an interview with a WAV volunteer and a demonstration of the Enviroscape for County Update. This show is aired three times a day for roughly a month on TV12.

To date ACEPD staff has completed and distributed the following fact sheets:

- Water Quality Code Fact Sheet
- BMP for Erosion and Sedimentation Control at Construction Sites
- BMP for Controlling Runoff from Car Wash Fundraisers
- BMP for Controlling Runoff from Gas Stations
- BMP for Controlling Runoff from Commercial Outdoor Car Washing
- BMP for Water Quality Protection at Apartment Complexes
- BMP for Landscaping & Lawn Maintenance Services
- BMP for Controlling Runoff during the Remediation of Contaminated Sites

- Residential Swimming Pool Maintenance
- Pressure Washing Activities
- Laundry Services
- Food Service Industry
- Paint contractor
- Construction Project Erosion and Sediment Control
- Codes/Building Inspector Erosion and Sediment Control BMP
- Pet Waste and Water Quality
- Septic Tank BMP

SECTION 5: SPECIAL PROJECTS

Microbial Hot Spot Testing

In May ACEPD released the final version of the, “Fecal Coliform Bacteria, Fluorescent Whitening agents, Bacteriological Indicators, and Microbial Source Tracking Studies in Gainesville’s Urban Creeks Microbial ‘Hot Spots’ June 2004 through august 2007” report. The report is available on ACEPD’s website.

A Hot Spots Stakeholder group has formed to implement source detection and elimination strategies in the hot spots. The stakeholders include ACEPD, COG, GRU, and FDEP. PBS&J has been hired to compile all of the stakeholder’s data and antidotal information to help form the strategies and has written a draft interim report. The partners will meet in August to discuss the strategies.

Pet Waste

ACEPD is working on creating a social marketing campaign to address pet waste. The SWFWMD is currently in the process of doing benefit and barrier research that should be applicable to the Gainesville area. Staff plans to use their research and work with their staff on coming up with a marketing campaign.