NPDES Stormwater in Georgia

Anna Truszczynski, Manager
NonPoint Source Program

Stormwater Roundtable
February 20, 2018
OUTLINE

- History of stormwater in Georgia
- Current stormwater program status
- Looking to the future
A couple of months ago, we noticed a hideously large collection of plastic bottles and other debris on a silt bar in the North Oconee River in our neighborhood. After spinning our wheels for longer than we would’ve liked, we finally connected with the local government staff people who could clean this junk pile up.
STORMWATER IMPACT

3. Complimented staff for quick response to an illegal discharge of material into the river.
STORMWATER IN GEORGIA – HISTORY

- 1972: Federal Clean Water Act and NPDES
- November 16, 1990: US EPA promulgated Phase I Stormwater Regulations
PHASE I STORMWATER – LARGE MS4
PHASE I STORMWATER – MEDIUM MS4
PHASE I STORMWATER – INDUSTRIAL

General Permit
No. GAR000000

State of Georgia
Department of Natural Resources
Environmental Protection Division

Authorization To Discharge Under The
National Pollutant Discharge Elimination System
Storm Water Discharges Associated With Industrial Activity

In compliance with the provisions of the Georgia Water Quality Control Act (Georgia Laws 1964, p. 416, as amended), hereinafter called the "State Act," the Federal Clean Water Act, as amended (33 U.S.C. 1251 et seq.), hereinafter called the "Clean Water Act," and the Rules and Regulations promulgated to each of these Acts, new and existing storm water point sources within the State of Georgia that are required to have a permit, upon submittal of a Notice of Intent, are authorized to discharge storm water associated with industrial activity to the waters of the State of Georgia in accordance with the limitations, monitoring requirements and other conditions set forth in Parts I through VIII hereof.

This permit shall become effective on May 2, 2005.

This permit and the authorization to discharge shall expire at midnight April 30, 2010.

Signed this 18th day of March, 2005.

signed by Carol A. Couch
Director,
Environmental Protection Division

PERMIT NO. GAR050000

ISSUANCE DATE: June 1, 2017

STATE OF GEORGIA
ENVIRONMENTAL PROTECTION DIVISION

Authorization To Discharge Under the
National Pollutant Discharge Elimination System
Storm Water Discharges Associated With Industrial Activity

In accordance with the provisions of the Georgia Water Quality Control Act (Georgia Laws 1964, p. 416, as amended), hereinafter called the "State Act," the Federal Clean Water Act, as amended (33 U.S.C. 1251 et seq.), hereinafter called the "Clean Water Act," and the Rules and Regulations promulgated pursuant to each of these Acts, all new and existing stormwater point sources within the State of Georgia that are required to have a permit, upon submittal of a Notice of Intent, are authorized to discharge stormwater associated with industrial activity to the waters of the State of Georgia in accordance with the limitations, monitoring requirements and other conditions set forth in Parts I through VIII and Appendices hereof.

This permit shall become effective on June 1, 2017.

This permit and the authorization to discharge shall expire at midnight, May 31, 2022.

Signed this 1st day of May, 2017.

Richard E. Dunn, Director
Environmental Protection Division
PHASE I STORMWATER – CONSTRUCTION
STORMWATER IN GEORGIA – HISTORY

• 1972: Federal Clean Water Act and NPDES
• 1987: Federal Clean Water Act Amendments
• November 16, 1990: US EPA promulgated Phase I Stormwater Regulations
• December 8, 1999: US EPA promulgated Phase II Stormwater Regulations
PHASE II STORMWATER – SMALL MS4
PHASE II STORMWATER – NONTRADITIONAL

- 2009: Department of Defense
- 2011: Georgia Department of Transportation
PHASE II STORMWATER – CONSTRUCTION

Construction General Permit

- Stand Alone Construction General Permit
- Infrastructure Construction General Permit
- Common Development Construction General Permit

2000 2003
CURRENT PROGRAM

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION
District Offices

Erosion & Sediment

Stormwater

Construction Stormwater

Industrial Stormwater

Municipal Stormwater

Compliance

Permitting
MUNICIPAL STORMWATER – PHASE I LARGE

- 45 Phase I Larger permittees
- Permit due to be reissued June 2019
- Selected permit requirements:
  - Enforcement Response Plan
  - Impaired Waters Monitoring
  - Green Infrastructure/Low Impact Development Plan
MUNICIPAL STORMWATER – PHASE I MEDIUM

- 12 Phase I Medium permittees
- Permit reissued April 2017
- Selected permit requirements:
  - Runoff Reduction Standard
  - Preparation for e-Reporting
MUNICIPAL STORMWATER – PHASE II SMALL

- 107 Phase II Small permittees
- Permit reissued December 2017
- **Selected permit requirements:**
  - Runoff Reduction Standard
  - Preparation for e-Reporting
  - Remand Rule: Comprehensive General Permit
MUNICIPAL STORMWATER – PHASE II DOD

- 6 Phase II DOD permittees
- Permit to be reissued January 2019
MUNICIPAL STORMWATER – PHASE II GDOT

- 1 Phase II GDOT permittee
- Permit reissued January 2017
MUNICIPAL STORMWATER

- Compliance assistance
- Report review
- Inspections
INDUSTRIAL STORMWATER

- Permit most recently reissued in 2017 (IGP)
- Approximately 2,380 NOIs and NEEs submitted
INDUSTRIAL STORMWATER

- No Exposure Exclusion
  - Exempt from IGP
  - All industrial materials or activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff.
INDUSTRIAL STORMWATER

- **NEE Requirements:**
  - Renewal NEE within 30 days of permit reissuance
  - Quarterly inspections to ensure NEE condition met
  - If NEE condition NOT met, the facility either:
    - Has 30 days to get back to NEE status
    - Must submit an NOI
INDUSTRIAL STORMWATER

- Notice of Intent
  - Must have stormwater discharge associated with qualifying industrial activity from the permittee’s primary industrial activity
INDUSTRIAL STORMWATER

- NOI Requirements
  - Stormwater Pollution Prevention Plan
INDUSTRIAL STORMWATER

- NOI Requirements
  - Routine Site Review
  - Quarterly Visual Inspections
  - Quarterly Routine Site Inspections
  - Annual Comprehensive Site Inspection
  - Certification of dry-weather outfall inspections
INDUSTRIAL STORMWATER

- Annual Report
  - Summary of activities and corrective actions
  - Submittal of sampling data
  - Benchmarks
  - Impaired Waters
  - Effluent Limits

State of Georgia
Department of Natural Resources
Environmental Protection Division

ANNUAL REPORT
AR - Version 2017
For NPDES General Permit GAR050000 (2017 IGP)
Authorization to Discharge Storm Water Associated with Industrial Activity

Instructions: Complete the following annual report using the records you compiled executing your SWPPP over the last year for NPDES General Permit GAR050000 (2017 IGP), effective on June 1, 2017. All active facilities that filed an NOI under the 2017 IGP must submit this Annual Report in accordance with the schedule provided in Part 7.2 of the 2017 IGP. This form must be complete and properly certified in accordance with Appendix B of the 2017 IGP, and submitted with the applicable summary of your sampling results by certified mail with a return receipt (or similar service) to the Environmental Protection Division, NonPoint Source Program, 2 Martin Luther King, Jr. Drive, S.E., Suite 1462 East, Atlanta, GA 30334.

Report for reporting year: 2017
County where facility is located: Clayton
INDUSTRIAL STORMWATER

- GEOS – Georgia EPD Online System for permits and reports
INDUSTRIAL STORMWATER

- Compliance Assistance
- Report Review
- Inspections
CONSTRUCTION STORMWATER

- Permits most recently reissued in 2013, modified in 2016
- **33,656** permittees as of September 30, 2017
  - Primary: 10,391
  - Secondary: 8,655
  - Tertiary: 14,610
CONSTRUCTION STORMWATER

- Three general permits up for reissuance
  - GAR100001 – Stand Alone Construction
  - GAR100002 – Infrastructure Construction
  - GAR100003 – Common Development Construction
- Current permits expire on July 31, 2018
- Public comment period closed February 1, 2018
CONSTRUCTION STORMWATER

Stakeholder Draft Permits
September 15, 2017

Stakeholder Comment Period Closes
November 1, 2017

Stakeholder Public Meetings
October 24, 2017
October 25, 2017

Public Notice
December 15, 2017
CONSTRUCTION STORMWATER

- Updates to reflect new regulatory requirements
  - 2015 Electronic Reporting Rule
  - 2014 Construction and Development Rule
CONSTRUCTION STORMWATER

- Updates to reflect new Best Management Practices
  - Reflect updates to the *Manual for Erosion and Sediment Control in Georgia*
CONSTRUCTION STORMWATER

- Clarification and housekeeping
  - Consistency in terms
  - Removal of hyperlinks

“NP” (nonpoint source) or “UR” (urban runoff). Those discharges that are located within one (1) linear mile of an Impaired Stream Segment, but are not located within the watershed of any portion of that stream segment, are excluded from this requirement. Georgia’s 305(b)/303(d) List Documents (Final)” can be viewed on the EPD website, [www.gaepd.org/Documents/305b.html](http://www.gaepd.org/Documents/305b.html).
CONSTRUCTION STORMWATER

- Compliance activities
  - District Offices
  - Local Issuing Authorities (LIA)
    - Enact enforceable ordinances
    - Conduct site inspections
    - Oversight of LIA by districts and/or commission
LOOKING TO THE FUTURE

- Complete implementation of e-Reporting

Add MS4
LOOKING TO THE FUTURE

- Utilize data to target inspections and identify unpermitted facilities
LOOKING TO THE FUTURE

- Improve compliance assistance to regulated community
QUESTIONS

Anna Truszczynski
404-651-8548
anna.truszczynski@dnr.ga.gov
Nonpoint Source Manager
Watershed Protection Branch
Environmental Protection Division