
Re-Certification Course
for
Level IB: Advanced Fundamentals
Education and Training Certification
Requirements
for Persons Involved with Land Disturbing
Activities

Sponsored by



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Insert Tab Page:

Tab 1. GESA

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The Georgia Erosion and Sedimentation Act of 1975

As Amended through 2007

**OFFICIAL CODE OF GEORGIA
ANNOTATED
Volume 10
Title 12
Conservation and Natural Resources**

Level IB: Advanced Fundamentals Re-certification
Education and Certification for Persons Involved in
Land Disturbing Activities

Issued May 2009

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Key Points

- Land disturbing activities are governed on the federal, state and local level
- GESA is a state law that may be incorporated in a local ordinance adopted and enforced by a county or municipality.
- May be referred to as "State Law", the "Act", the "E&S Act", or the "Georgia Erosion and Sedimentation Act"

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Key Definitions

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Buffer

- "Buffer" means the area of land immediately adjacent to the banks of state waters in its natural state of vegetation, which facilitates the protection of water quality and aquatic habitat

(O.C.G.A. 12-7-3(2))



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Best Management Practices (BMPs)

Best management practices (BMPs) include sound conservation and engineering practices to prevent and minimize erosion and resultant sedimentation, which are consistent with, and no less stringent than, those practices contained in the 'Manual for Erosion and Sediment Control in Georgia' published by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.

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Design Professional

"Design Professional" means a professional licensed by the State of Georgia in the field of: engineering, architecture, landscape architecture, forestry, geology, or land surveying; or a person that is a Certified Professional in Erosion and Sediment Control (CPESC) with a current certification by Certified Professional in Erosion and Sediment Control Inc.

NPDES General Permit GAR 100001, 02, 03

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Land Disturbing Activity

Activity that may result in soil erosion and movement of sediments into state waters or onto state lands, including but not limited to:

- Clearing
- Excavating
- Dredging
- Transporting
- Grading
- Filling of land



GESA 12-7-3(9)

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Local Issuing Authority

“Local Issuing Authority” means the governing authority of any county or municipality which is certified pursuant to subsection (a) of Code section 12-7-8 [has adopted the appropriate model ordinance and been certified].

GESA 12-7-3(10)

**Please look in the “Resource Information” section of this notebook for a list of cities and counties in Georgia that are Local Issuing Authorities (Ordinance Summary)

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State Waters

Any bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the state, which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation.

- Rivers
- Streams
- Creeks
- Branches
- Wells
- Lakes
- Reservoirs
- Ponds
- Springs
- Drainage features



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Georgia Erosion and Sedimentation Act

Requirements and Responsibilities

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Legislative Changes to GESA

- Passed 1975
- Effective 1977
- Amended 1980
- Amended 1985
- Amended 1989
- Amended 1994
- Amended 1995
- Amended 2000
- Amended 2001
- Amended 2003
- Amended 2004
- Amended 2007

Stay informed!
At the end of each legislative session, interested parties should obtain a copy of any amendments and enactments

www.georgia.gov
www.gaswcc.georgia.gov

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Participating Agencies

- Local Issuing Authorities (LIA)
- Soil and Water Conservation Districts (SWCD)
- Georgia Soil and Water Conservation Commission (GSWCC)
- Georgia Environmental Protection Division (GA EPD)
- Natural Resources Conservation Service (NRCS)

**List of agencies with descriptions and contact information is available in the "Resource Information" section of this notebook

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Intent of GESA

- Strengthen and extend erosion and sedimentation control activities and programs in Georgia
- Establish and implement a state-wide comprehensive soil erosion and sedimentation control program to conserve and protect the land, water, air and other resources of Georgia.
- Comply with mandates of the Clean Water Act

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Local Ordinances

- A county/city may adopt a local E&S ordinance and become a Local Issuing Authority
 - Must incorporate requirements of the Georgia Erosion and Sedimentation Act
 - Authorizes land disturbance through Land Disturbing Activity (LDA) permit
 - Requires submittal of site ES&PC Plans
 - Certified by GA EPD

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Local Ordinances

Any land-disturbing activities by a local issuing authority shall be subject to the same requirements of the ordinances such local issuing authority adopted pursuant to this chapter as are applied to private persons, and the division shall enforce such requirements upon the local issuing authority.

(O.C.G.A. 12-7-8(3))

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Local Ordinances

- Cannot be more stringent for:

- Monitoring
- Reporting
- Inspections
- Design standards
- Turbidity standards
- Education/Training requirements

- May be more stringent for:

- Buffers
- Project size*
- May incorporate other related ordinances

*Project size thresholds with regard to education and training requirements cannot exceed the state general permit. (O.C.G.A. 12-7-8)

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Responsibilities of Certified LIA

- Process LDA applications
- Maintain list of active LDA permits
- Conduct inspections/maintain reports
- Enforce ordinance
 - ❖ LIA is subject to the same requirements of the ordinance
- Handle complaints

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Local Issuing Authority Memorandum of Agreement (MOA)

- LIA demonstrates ability to review and approve ES&PC Plans
- Enters into an agreement with the Soil and Water Conservation District to do plan reviews in-house
 - Quicker turn around during review process
 - Reviewers may review for additional requirements such as zoning ordinances

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Responsibilities of Certified LIA with Memorandum of Agreement

- Process LDA applications
- Review ES&PC Plans
- Submit quarterly reports to the Districts and GSWCC
- Maintain list of active LDA permits
- Conduct inspections/maintain reports
- Enforce ordinance
- Handle complaints

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Oversight of LIAs

- SWCD and/or GSWCC semi-annually reviews actions of cities and counties that have issuing authority
- GA EPD may periodically review

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LDA Permitting Process

- ALL land disturbing activities covered by the E&S Act must first secure a Land Disturbing Activity (LDA) Permit from the Local Issuing Authority (if applicable).
- It is the responsibility of the property owner/operator to obtain the LDA permit.

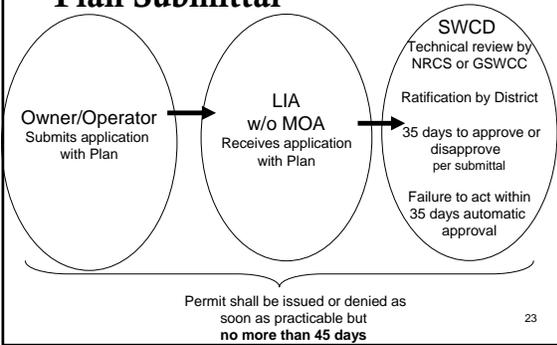
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Permitting Process

- LDA application must be accompanied by a properly designed Erosion, Sedimentation & Pollution Control Plan
- Prior to ES&PC Plan development the design professional or duly authorized representative must visit the site:
 - O.C.G.A. 12-7-9(a)
 - DNR Rules 391-3-7.10

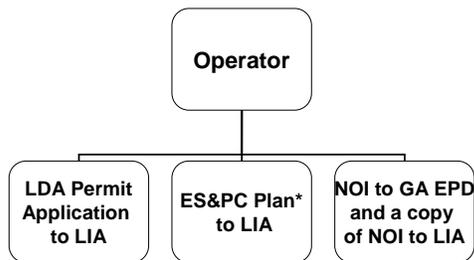
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Permitting Process - Plan Submittal



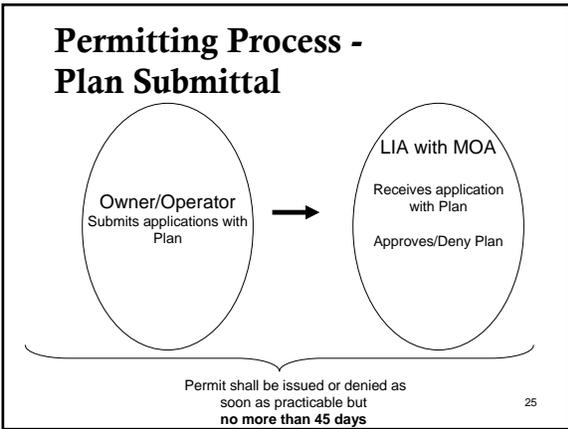
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Permitting Process – Permit Application With an LIA



*If the project is disturbing 50 or more acres a copy of ES&PC plan must be sent to the appropriate GA EPD District Office

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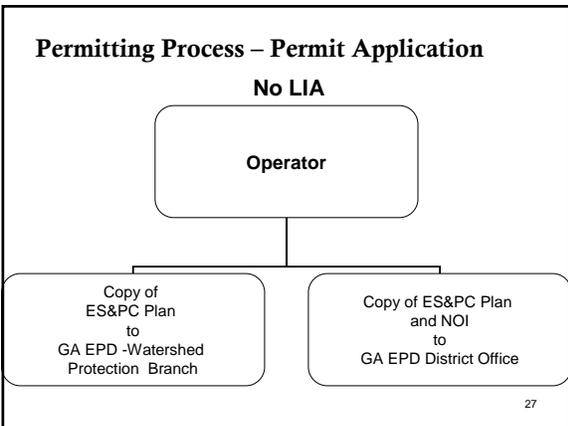


What if the city or county is not a Local Issuing Authority?

Land disturbances authorized by NPDES General Construction Permit (no LDA permit is issued)

- Requires owner or operator to notify GA EPD through an NOI
- Submittal of a single copy of the Erosion, Sedimentation and Pollution Control Plan to the Watershed Protection Branch of GA EPD and a second copy to the appropriate GA EPD District Office
- GA EPD Watershed Protection Branch will review plans for deficiencies using the applicable checklist.
- Enforced by District Offices of GA EPD

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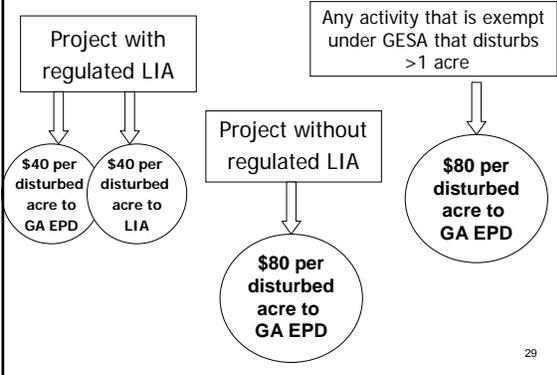
NPDES General Permit Fees

- Fee based on the number of acres disturbed
- Fees applicable only to primary permittees, not to secondary and tertiary permittees
- Fee of \$80 per disturbed acre*
- Half is shared with certified local issuing authority to offset workload

**Does not affect local LDA Permit fees.
LIAs can charge additional fees per acre.
Check local requirements.*

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Permit Fees



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Fee Rule 391-3-6-.22(6)

- Primary permittee (utility companies, DOT, public water system reservoirs) to submit fee of \$80 per disturbed acre to GA EPD prior to any land disturbance.

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**LIA Enforcement
Options**

- Notice of Violation (NOV)
- Issuance of a Stop Work Order
- Revocation of business license
- Suspend LDA permit
- Deny future LDA permit applications for 2 or more violations within 3 years
- Imposition of monetary penalties
- Forfeiture of Bonding (bonding is an option provided in the Act up to \$3000 per acre)

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**LIA Enforcement
Warnings/Notice of Violations**

When inspections reveal a violation of any provision of the ordinance:

- First & Second Violation – Written warning
 - Violator has five days to correct the action
 - No corrective action within 5 days = Stop Work Order
- Third Violation – Immediate Stop Work Order

GESA 12-7-12(c)

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**LIA Enforcement
Stop Work Orders**

- Immediate Stop Work Orders
 - Third Violation
 - Danger to public health or state waters
 - Disturbing land without a permit
 - Stream buffer violation
 - BMPs not properly designed, installed or maintained

GESA 12-7-12(c)

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LIA Enforcement Stop Work Orders

- Stop Work Orders are effective immediately upon issuance
- In effect until corrective action or mitigation has occurred
- Applies to all land-disturbing activity on the site except for the installation or maintenance of erosion and sediment controls



GESA 12-7-12(d)

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LIA Enforcement Fines

- Maximum fine of \$2500 per violation may be imposed by municipal or magistrate courts
- Each day during which the violation or failure or refusal to comply continues shall be a separate violation

GESA 12-7-15

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LIA Enforcement Suspension of LDA Permit

Land Disturbing Activity Permits may be suspended, revoked or modified by the local issuing authority if the permit holder or his or her successor is not in compliance with the approved plan or if there is any violation.

OCGA 12-7-11(b)

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LIA Enforcement Forfeiture of Bonding

- LIA may require permit applicant to post a bond up to \$3,000 per acre
- If applicant doesn't comply with the permit, bond may be forfeited
- Proceeds from the forfeited bond may be used to hire a contractor to stabilize site and bring it into compliance

OCGA 12-7-7(f)(2)
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Exemptions

Permitting does not apply to the following activities:

GESA 12-7-17

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Exemptions Surface Mining

- As defined by O.C.G.A. 12-4-72
'Surface mining' means any activity constituting all or part of a process for the removal of minerals, ores, and other solid matter for sale or for processing or for consumption in the regular operation of a business. Tunnels, shafts, borrow pits of less than 1.1 disturbed acres, and dimension stone quarries shall not be considered to be surface mining.



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GESA 12-7-17(1)

Exemptions Granite Quarrying



Granite quarrying and land clearing
for such quarrying GESA 12-7-17(2)

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Exemptions Minor Land Disturbing Activities

- Home landscaping
- Fences
- Repairs
- Maintenance work
- Other activities which result in minor soil erosion



GESA 12-7-17(3)

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Exemptions Construction of single family residences

- Single-family residences are exempt if:
- Project disturbs less than one acre
 - Lot is not part of a common development

GESA 12-7-17(4)

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Exemptions Agricultural Operations



- As defined in O.C.G.A. 1-3-3
 - Includes establishment, cultivation or harvesting of products of the field or orchard
 - Preparation and planting of pasture land
 - Farm Ponds
 - Dairy Operations
 - Livestock and Poultry Management Practices
 - Farm Buildings (****Not exempt from NPDES Permitting****)

GESA 12-7-17(5)

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Exemptions Forestry Practices

- Forestry land management practices including harvesting

Stream buffer encroachment results in a 3 year moratorium for development.*



*Moratorium stays with the property not the property owner. GESA 12-7-17(6)

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Exemptions NRCS Projects



Projects carried out under the technical guidance of the NRCS/USDA

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GESA 12-7-17(7)

Exemptions Projects < 1.0 Acre

Any project disturbing less than 1.0 acre unless land-disturbing activity is:

- occurring within 200 feet of the banks of "State Waters"
- part of a larger common plan of development

GESA 12-7-17(8)

****Check local requirements****

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Exemptions Road Construction and Utility Projects

- Projects financed by:
 - Department of Transportation
 - GA Highway Authority
 - State Road and Tollway Authority
 - Any road construction or maintenance project, or both, undertaken by any county or municipality
- Exempt from E&S Act unless located within Common Development
 - Becomes a Secondary Permittee and minimum requirements are enforced by LIA
- E & S complaints go to GA EPD District Offices

GESA 12-7-17(9)

****NOT EXEMPT FROM NPDES PERMITTING****

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Exemptions Utilities

- Any land disturbing activities conducted by:
 - Electric Membership Corporations (EMCs)
 - Public Utilities under PSC Jurisdiction
 - Municipal Electric Systems
 - Utilities under FERC jurisdiction
 - Cable television systems
- Exempt from E&S Act unless located within Common Development
 - Becomes a Secondary Permittee and minimum requirements are enforced by LIA

GESA 12-7-17(10)

****NOT EXEMPT FROM NPDES PERMITTING****

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**Exemptions
Public Water System Reservoirs**



****NOT EXEMPT FROM NPDES PERMITTING****

GESA 12-7-17(11) 49

Exemptions

Even exempted activities must conform to the BMP minimum requirements.

(GESA 12-7-6)

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**Appropriate E & T
Certification Requirements**

O.C.G.A. 12-7-19

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Who must be certified?

Persons involved in land development, design, review, permitting, construction, monitoring, inspection or any land-disturbing activity shall meet the education and training certification requirements, dependent on his or her level of involvement with the process as developed by the Commission in consultation with GA EPD and the Stakeholder Advisory Board.

O.C.G.A. 12-7-19

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Who must be certified on-site?

“Persons”

The term persons (dependent upon their level of involvement) will be enforced to mean that one person on-site from each entity involved with land disturbing activity shall meet the education and training certification requirements

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Who must be certified on-site?

State law requires:

- At least 1 person who is responsible for erosion and sediment control activities acting on behalf of the primary, secondary or tertiary permittee, as defined by the state general permit, shall be on site whenever land-disturbing activities are being conducted.
- Persons or entities involved in projects not requiring the state general permit but still requiring personnel on site may contract with certified person, who must be on site whenever land disturbing activities are being conducted.

O.C.G.A. 12-7-19

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The Subcontractor Awareness Seminar

Course Length: 2 hours

Course Requirements:

- Must attend course
- Complete a Subcontractor Awareness Application
- No exam

Successful completion of Subcontractor Awareness requirements awards *Certified Subcontractor* status

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Subcontractor Awareness Seminar

Is required for individuals involved in land disturbing activities that are working in a subcontractor capacity for a primary, secondary or tertiary permittee.

Individuals working in a subcontractor capacity cannot be required to meet any educational requirements that exceed those of a Certified Subcontractor.

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Subcontractor Awareness Seminar

Please note:

Certified Subcontractor status DOES NOT qualify an individual to perform the duties of a "certified" person/personnel.

If an individual is performing "certified" person duties, a Level IA certification is required.

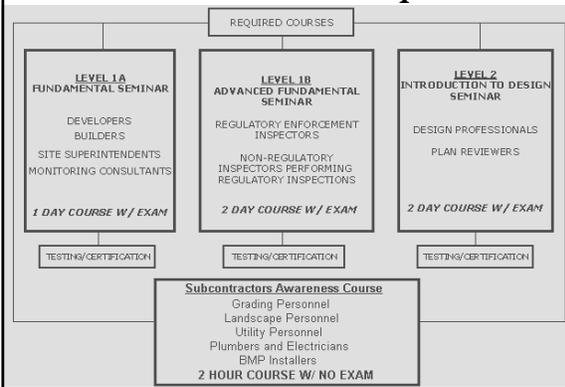
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Subcontractor Awareness Seminar

- If an individual is working in a subcontractor capacity and possess a Level IA certification they are **not required** to take the Subcontractor Awareness Seminar.
- If an individual is working in a subcontractor capacity and has attended a Level IA course but does not possess a Level IA certification, they are **not required** to take the Subcontractor Awareness Seminar. They must:
 - complete a Subcontractor Awareness application and
 - submit a Proof of Attendance form from a Level IA course. (This can be obtained from your Level IA trainer)

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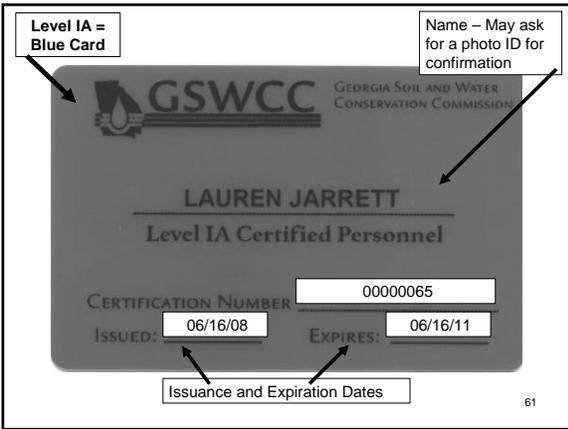
Education/Certification Requirements



What does a regulatory inspector look for on-site?

- Cards color coded by level of certification for quick reference in the field
 - Level IA – Blue
 - Level IB – Red
 - Level IIPR – Gray
 - Level IIDP – Tan
 - Subcontractor Awareness - White
- Cards contain name, certification number, date issued and expiration date

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Education and Certification Fact Sheet

GEORGIA SOIL AND WATER CONSERVATION COMMISSION
 EDUCATION AND TRAINING CERTIFICATION PROGRAM
 FACT SHEET

Georgia Environmental Protection Division
 Stakeholder Advisory Board
 Georgia Soil and Water Conservation Commission

-Guidance document issued by GA EPD, GSWCC and Stakeholder Advisory Board

-Available on www.gaswcc.georgia.gov under Documents

-Latest revision October 2008

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Enforcement Strategy

GEORGIA SOIL AND WATER CONSERVATION COMMISSION
 EDUCATION AND TRAINING CERTIFICATION PROGRAM
 ENFORCEMENT STRATEGY
 Environmental Protection Division

-Issued by GA EPD

-Guidance document for LIAs

-Available on GSWCC website at www.gaswcc.georgia.gov under Documents

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Re-certification Requirements

According to OCGA 12-17-19(e)(1)(2):

1. A certification provided by achieving the requirements established by the Commission shall expire no later than three years after issuance.
2. A certified individual shall be required to attend and participate in at least four hours of continuing education courses, as established by the Commission, every 3 years.

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Re-certification Requirements

- Individuals wishing to renew their certification must attend 4 hours of continuing education (CE) for every certification they wish to renew.

Example: Joe Smith is a Certified Inspector and Certified Plan Reviewer

Mr. Smith must attend 4 hours of CE approved for Level IB and 4 hours of CE approved for Level II for a total of 8 hours.

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Re-certification Requirements

- There will be no exam for any re-certification courses.
- Individuals can only begin taking re-certification courses 1 year before their initial certification expires. Any hours earned before the 1 year mark will not be accepted.
- For additional information and a complete list of upcoming courses visit www.gaswcc.georgia.gov.

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Questions ?

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Insert Yellow Sheet

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O.C.G.A. § 12-7-1
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***** Current through the 2007 Regular Session *****

TITLE 12. CONSERVATION AND NATURAL RESOURCES

CHAPTER 7. CONTROL OF SOIL EROSION AND SEDIMENTATION
O.C.G.A. § 12-7-1 (2007)

12-7-1. Short title.

This chapter shall be known and may be cited as the "Erosion and Sedimentation Act of 1975."

12-7-2. Legislative findings; policy of state and intent of chapter

It is found that soil erosion and sediment deposition onto lands and into waters within the watersheds of this state are occurring as a result of widespread failure to apply proper soil erosion and sedimentation control practices in land clearing, soil movement, and construction activities and that such erosion and sediment deposition result in pollution of state waters and damage to domestic, agricultural, recreational, fish and wildlife, and other resource uses. It is therefore declared to be the policy of this state and the intent of this chapter to strengthen and extend the present erosion and sediment control activities and programs of this state and to provide for the establishment and implementation of a state-wide comprehensive soil erosion and sediment control program to conserve and protect the land, water, air, and other resources of this state.

12-7-3. Definitions

As used in this chapter, the term:

- (1) "Board" means the Board of Natural Resources.
- (2) "Buffer" means the area of land immediately adjacent to the banks of state waters in its natural state of vegetation, which facilitates the protection of water quality and aquatic habitat.
- (3) "Commission" means the State Soil and Water Conservation Commission.
- (4) "Director" means the director of the Environmental Protection Division of the Department of Natural Resources.
- (5) "District" means any one of the soil and water conservation districts of this state.

***This is an unofficial copy prepared by the Georgia Soil and Water Conservation Commission. Its sole purpose is expediency in copying and distribution. The reader should refer to the Official Code of Georgia for the official text of this statute.**

(6) "Division" means the Environmental Protection Division of the Department of Natural Resources.

(7) "Drainage structure" means a device composed of a virtually nonerodible material such as concrete, steel, plastic, or other such material that conveys water from one place to another by intercepting the flow and carrying it to a release point for storm-water management, drainage control, or flood control purposes.

(8) "Erosion and sediment control plan" or "plan" means a plan for the control of soil erosion and sediment resulting from a land-disturbing activity.

(9) "Land-disturbing activity" means any activity which may result in soil erosion from water or wind and the movement of sediments into state water or onto lands within the state, including, but not limited to, clearing, dredging, grading, excavating, transporting, and filling of land but not including agricultural practices as described in paragraph (5) of Code Section 12-7-17.

(9.1) "Larger common plan of development or sale" means a contiguous area where multiple separate and distinct construction activities are occurring under one plan of development or sale. For purposes of this paragraph, "plan" means an announcement; piece of documentation such as a sign, public notice or hearing, sales pitch, advertisement, drawing, permit application, zoning request, or computer design; or physical demarcation such as boundary signs, lot stakes, or surveyor markings, indicating that construction activities may occur on a specific plot.

(10) "Local issuing authority" means the governing authority of any county or municipality which is certified pursuant to subsection (a) of Code Section 12-7-8.

(10.1) "Operator" means the party or parties that have:

(A) Operational control of construction project plans and specifications, including the ability to make modifications to those plans and specifications; or

(B) Day-to-day operational control of those activities that are necessary to ensure compliance with a storm-water pollution prevention plan for the site or other permit conditions, such as a person authorized to direct workers at a site to carry out activities required by the storm-water pollution prevention plan or to comply with other permit conditions.

(11) "Person" means any individual, partnership, firm, association, joint venture, public or private corporation, trust, estate, commission, board, public or private institution, utility, cooperative, state agency, municipality or other political subdivision of this state, any interstate body, or any other legal entity.

(12) "Qualified personnel" means any person who meets or exceeds the education and training requirements of Code Section 12-7-19.

(13) "Roadway drainage structure" means a device, such as a bridge, culvert, or ditch, composed of a virtually nonerodible material such as concrete, steel, plastic, or other such material that conveys water under a roadway by intercepting the flow on one side of a traveled way consisting of one or more defined lanes, with or without shoulder areas, and carrying water to a release point on the other side.

(14) "Soil and water conservation district approved plan" means an erosion and sediment control plan approved in writing by a soil and water conservation district.

(15) "State general permit" means the National Pollution Discharge Elimination System general permit or permits for storm-water runoff from construction activities as is now in effect or as may be amended or reissued in the future pursuant to the state's authority to implement the same through federal delegation under the Federal Water Pollution Control Act, as amended, 33 U.S.C. Section 1251, et seq., and subsection (f) of Code Section 12-5-30.

(16) "State waters" includes any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells, and other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the state, which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation.

12-7-4. Adoption of comprehensive ordinances relating to land-disturbing activities; delegation of responsibility to planning and zoning commission; other local ordinances relating to land development; effect of chapter on design professionals

(a) The governing authority of each county and each municipality shall adopt a comprehensive ordinance establishing the procedures governing land-disturbing activities which are conducted within their respective boundaries. Such ordinances shall be consistent with the standards provided by this chapter. Local governing authorities shall have the authority, by such ordinance, to delegate in whole or in part the responsibilities of the governing authorities, as set forth in this chapter, to any constitutional or statutory local planning and zoning commission. Where the local governing authority deems it appropriate, it may integrate such provisions with other local ordinances relating to land development including but not limited to tree protection, flood plain protection, stream buffers, or storm-water management; and the properties to which any of the types of ordinances identified in this Code section shall apply, whether or not such ordinances are integrated, shall include without limitation property owned by the local governing authority or by a local school district, except as otherwise provided by Code Section 12-7-17.

(b) Nothing in this chapter shall be construed as to limit or exclude any design professional, including but not limited to any professional engineer or registered land surveyor, or Natural Resource Conservation Service employee, within any county, municipality, or consolidated government in this state from performing such professional services as may be incidental to the practice of his or her profession, including any and all soil erosion and sedimentation control plans, storm-water management reports including hydrological studies, and site plans, when such professional has demonstrated competence through such qualifications, education, experience, and licensing as required for practice in this state by applicable provisions of Title 43 related to such profession; provided, however, that any such person shall be subject to the requirements of Code Section 12-7-19.

12-7-5. Adoption of rules and regulations for localities without ordinances

The board, by appropriate rules and regulations, shall adopt the procedures governing land-disturbing activities which are conducted in those counties and municipalities which do not have in effect an ordinance conforming to this chapter. Such rules and regulations shall be developed by the division in consultation with the commission and shall contain provisions which meet those minimum requirements set forth in Code Section 12-7-6.

12-7-6. Best management practices; minimum requirements for rules, regulations, ordinances, or resolutions

(a)(1) Best management practices as set forth in subsection (b) of this Code section shall be required for all land-disturbing activities. Proper design, installation, and maintenance of best management practices shall constitute a complete defense to any action by the director or to any other allegation of noncompliance with paragraph (2) of this subsection or any substantially similar terms contained in a permit for the discharge of storm water issued pursuant to subsection (f) of Code Section 12-5-30. As used in this subsection, the terms "proper design" and "properly designed" mean designed in accordance with the hydraulic design specifications contained in the "Manual for Erosion and Sediment Control in Georgia" specified in subsection (b) of this Code section.

(2) A discharge of storm-water runoff from disturbed areas where best management practices have not been properly designed, installed, and maintained shall constitute a separate violation of any land-disturbing permit issued by a local issuing authority or of any state general permit issued by the division pursuant to subsection (f) of Code Section 12-5-30 for each day on which such discharge results in the turbidity of receiving waters being increased by more than 25 nephelometric turbidity units for waters supporting warm water fisheries or by more than ten nephelometric turbidity units for waters classified as trout waters. The turbidity of the receiving waters shall be measured in accordance with guidelines to be issued by the director. This paragraph shall not apply to any land disturbance associated with the construction of single-family homes which are not part of a larger common plan of development or sale unless the planned disturbance for such construction is equal to or greater than five acres.

(3) Failure properly to design, install, or maintain best management practices shall constitute a violation of any land-disturbing permit issued by a local issuing authority or of any state general permit issued by the division pursuant to subsection (f) of Code Section 12-5-30 for each day on which such failure occurs.

(4) The director may require, in accordance with regulations adopted by the board, reasonable and prudent monitoring of the turbidity level of receiving waters into which discharges from land-disturbing activities occur.

(b) The rules and regulations, ordinances, or resolutions adopted pursuant to this chapter for the purpose of governing land-disturbing activities shall require, as a minimum, protections at least as stringent as the state general permit; and best management practices, including sound conservation and engineering practices to prevent and minimize erosion and resultant sedimentation, which are consistent with, and no less stringent than, those practices contained in the "Manual for Erosion and Sediment Control In Georgia" published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted, as well as the following:

(1) Stripping of vegetation, regrading, and other development activities shall be conducted in such a manner so as to minimize erosion;

(2) Cut and fill operations must be kept to a minimum;

(3) Development plans must conform to topography and soil type, so as to create the lowest

practicable erosion potential;

(4) Whenever feasible, natural vegetation shall be retained, protected, and supplemented;

(5) The disturbed area and the duration of exposure to erosive elements shall be kept to a practicable minimum;

(6) Disturbed soil shall be stabilized as quickly as practicable;

(7) Temporary vegetation or mulching shall be employed to protect exposed critical areas during development;

(8) Permanent vegetation and structural erosion control measures must be installed as soon as practicable;

(9) To the extent necessary, sediment in run-off water must be trapped by the use of debris basins, sediment basins, silt traps, or similar measures until the disturbed area is stabilized. As used in this paragraph, a disturbed area is stabilized when it is brought to a condition of continuous compliance with the requirements of this chapter;

(10) Adequate provisions must be provided to minimize damage from surface water to the cut face of excavations or the sloping surfaces of fills;

(11) Cuts and fills may not endanger adjoining property;

(12) Fills may not encroach upon natural watercourses or constructed channels in a manner so as to adversely affect other property owners;

(13) Grading equipment must cross flowing streams by the means of bridges or culverts, except when such methods are not feasible, provided, in any case, that such crossings must be kept to a minimum;

(14) Land-disturbing activity plans for erosion and sedimentation control shall include provisions for treatment or control of any source of sediments and adequate sedimentation control facilities to retain sediments on site or preclude sedimentation of adjacent waters beyond the levels specified in subsection (a) of this Code section;

(15)(A) There is established a 25 foot buffer along the banks of all state waters, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, except:

(i) As provided by paragraph (16) of this subsection;

(ii) Where the director determines to allow a variance that is at least as protective of natural resources and the environment;

(iii) Where otherwise allowed by the director pursuant to Code Section 12-2-8; or

(iv) Where a drainage structure or a roadway drainage structure must be constructed, provided that adequate erosion control measures are incorporated in the project plans and specifications and are implemented;

provided, however, that buffers of at least 25 feet established pursuant to Part 6 of Article 5 of Chapter 5 of this title shall remain in force unless a variance is granted by the director as provided in this paragraph.

(B) No land-disturbing activities shall be conducted within any such buffer; and a buffer shall remain in its natural, undisturbed state of vegetation until all land-disturbing activities on the construction site are completed, except as otherwise provided by this paragraph. Once the final stabilization of the site is achieved, a buffer may be thinned or trimmed of vegetation as long as a protective vegetative cover remains to protect water quality and aquatic habitat and a natural canopy is left in sufficient quantity to keep shade on the stream bed; provided, however, that any person constructing a single-family residence, when such residence is constructed by or under contract with the owner for his or her own occupancy, may thin or trim vegetation in a buffer at any time as long as protective vegetative cover remains to protect water quality and aquatic habitat and a natural canopy is left in sufficient quantity to keep shade on the stream bed.

(C) On or before December 31, 2004, the board shall adopt rules which contain specific criteria for the grant or denial by the director of requests for variances. After such date, no variance shall be granted by the director which is not consistent with the criteria contained in such rules. Such rules shall provide, at a minimum, that the director shall consider granting a variance in the following circumstances:

(i) Where a proposed land-disturbing activity within the buffer would require the landowner to acquire a permit from the United States Army Corps of Engineers under Section 404 of the federal Water Pollution Control Act Amendment of 1972, 33 U.S.C. Section 1344, and the Corps of Engineers has approved a mitigation plan to be implemented as a condition of such a permit;

(ii) Where the landowner provides a plan satisfactory to the director that shows that, even with the proposed land disturbing activity within the buffer, the completed project will result in maintained or improved water quality downstream of the project; or

(iii) Where a project with a proposed land-disturbing activity within the buffer is located in or upstream and within ten linear miles of a stream segment listed as impaired under Section 303(d) of the federal Water Pollution Control Act Amendment of 1972, 33 U.S.C. Section 1313(d) and the landowner provides a plan satisfactory to the director that shows that the completed project will result in maintained or improved water quality in such listed stream segment and that the project has no adverse impact relative to the pollutants of concern in such stream segment.

All projects covered under divisions (i), (ii), and (iii) of this subparagraph shall meet all criteria set forth in rules for specific variance criteria adopted by the board by December 31, 2004.

(D) The buffer shall not apply to the following land-disturbing activities, provided that they occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream; cause a width of disturbance of not more than 50 feet within the buffer; and adequate erosion control measures are incorporated into the project plans and specifications and are implemented:

(i) Stream crossings for water lines; or

(ii) Stream crossings for sewer lines; and

(16) There is established a 50 foot buffer, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, along the banks of any state waters classified as "trout streams" pursuant to Article 2 of Chapter 5 of this title except where a roadway drainage structure must be constructed; provided, however, that small springs and streams classified as trout streams which discharge an average annual flow of 25 gallons per minute or less shall have a 25 foot buffer or they may be piped, at the discretion of the landowner, pursuant to the terms of a rule providing for a general variance promulgated by the board providing for notice to the division or local issuing authority of the location and extent of the piping and prescribed methodology for minimizing the impact of such piping and for measuring the volume of water discharged by the stream. Any such pipe must stop short of the downstream landowner's property, and the landowner must comply with the buffer requirement for any adjacent trout streams. The director may grant a variance from such buffer to allow land-disturbing activity, provided that adequate erosion control measures are incorporated in the project plans and specifications and are implemented. The following requirements shall apply to any such buffer:

(A) No land-disturbing activities shall be conducted within a buffer and a buffer shall remain in its natural, undisturbed, state of vegetation until all land-disturbing activities on the construction site are completed. Once the final stabilization of the site is achieved, a buffer may be thinned or trimmed of vegetation as long as a protective vegetative cover remains to protect water quality and aquatic habitat and a natural canopy is left in sufficient quantity to keep shade on the stream bed; provided, however, that any person constructing a single-family residence, when such residence is constructed by or under contract with the owner for his or her own occupancy, may thin or trim vegetation in a buffer at any time as long as protective vegetative cover remains to protect water quality and aquatic habitat and a natural canopy is left in sufficient quantity to keep shade on the stream bed;

(B) On or before December 31, 2000, the board shall adopt rules which contain specific criteria for the grant or denial by the director of requests for variances. After such date, no variance shall be granted by the director which is not consistent with the criteria contained in such rules; provided, however, that, should the board fail to adopt rules which contain specific criteria for the grant or denial of requests for variances by the director on or before December 31, 2000, the authority of the director to issue such variances shall be suspended until the board adopts such rules; and

(C) The buffer shall not apply to the following land-disturbing activities, provided that they occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream; cause a width of disturbance of not more than 50 feet within the buffer; and adequate erosion control measures are incorporated into the project plans and specifications and are implemented:

(i) Stream crossings for water lines; or

(ii) Stream crossings for sewer lines.

(c) Nothing contained in this chapter shall prevent any local issuing authority from adopting rules and regulations, ordinances, or resolutions which contain stream buffer requirements that

exceed the minimum requirements in subsection (b) of this Code section.

(d) The fact that land-disturbing activity for which a permit has been issued results in injury to the property of another shall neither constitute proof of nor create a presumption of a violation of the standards provided for in this Code section or the terms of the permit.

12-7-7. Permit or notice of intent required for land-disturbing activities; approval of application and issuance of permit; denial of permit; bond requirement

(a) No land-disturbing activities shall be conducted in this state, except those land-disturbing activities provided for in Code Section 12-7-17, without the operator first securing a permit from a local issuing authority or providing notice of intent to the division as required by this Code section.

(b) In those counties and municipalities which are certified as local issuing authorities pursuant to subsection (a) of Code Section 12-7-8:

(1) The application for such permit shall be made to and the permit shall be issued by the governing authority of the county wherein such land-disturbing activities are to occur, in the event that such activities will occur outside the corporate limits of a municipality;

(2) In those instances where such activities will occur within the corporate limits of any municipality, the application for such permit shall be made to and the permit shall be issued by the governing authority of the municipality in which such land-disturbing activities are to occur; and

(3) The local issuing authority shall conduct inspections and enforce the permits it issues.

(c) In those counties and municipalities which are not certified pursuant to subsection (a) of Code Section 12-7-8, the terms of the state general permit shall apply, those terms shall be enforced by the division, and no individual land-disturbing activity permit under this Code section will be required; provided, however, that notice of intent shall be submitted to the division prior to commencement of any land-disturbing activities under the state general permit in any of such uncertified counties or municipalities.

(d)(1) Fees assessed pursuant to paragraph (5) of subsection (a) of Code Section 12-5-23 shall be calculated and paid by the primary permittee as defined in the state general permit for each acre of land-disturbing activity included in the planned development or each phase of development.

(2) In a jurisdiction that is certified pursuant to subsection (a) of Code Section 12-7-8, half of any such fees levied shall be submitted by the applicant to the local issuing authority and half of such fees shall be submitted to the division; except that any and all fees due from an entity which is required to give notice pursuant to paragraph (9) or (10) of Code Section 12-7-17 shall be submitted in full to the division, regardless of the existence of a local issuing authority in the jurisdiction. In a jurisdiction where there is no local issuing authority, the full fee shall be submitted to the division.

(e) Except as provided in this subsection, no permit shall be issued pursuant to subsection (b) of this Code section unless the erosion and sediment control plan has been approved by the appropriate district as is required by Code Section 12-7-10. When the governing authority of a

county or municipality lying within the boundaries of the district demonstrates capabilities to review and approve an erosion and sediment control plan and requests an agreement with the district to conduct such review and approval, the district, with the concurrence of the commission, shall enter into an agreement which allows the governing authority to conduct review and approval without referring the application and plan to the district, if such governing authority meets the conditions specified by the district as set forth in the agreement. A district may not enter into an agreement authorized in this Code section with the governing authority of any county or municipality which is not certified pursuant to subsection (a) of Code Section 12-7-8.

(f)(1) If a permit applicant has had two or more violations of previous permits or this Code section within three years prior to the date of filing of the application under consideration, the local issuing authority may deny the permit application.

(2) The local issuing authority may require the permit applicant to post a bond in the form of government security, cash, irrevocable letter of credit, or any combination thereof up to, but not exceeding, \$3,000.00 per acre of the proposed land-disturbing activity, prior to issuing the permit. If the applicant does not comply with this Code section or with the conditions of the permit after issuance, the local issuing authority may call the bond or any part thereof to be forfeited and may use the proceeds to hire a contractor to stabilize the site of the land-disturbing activity and bring it into compliance. This subsection shall not apply unless there is in effect an ordinance or statute specifically providing for hearing and judicial review of any determination or order of the local issuing authority with respect to alleged permit violations.

12-7-8. Certification of locality as local issuing authority; periodic review; procedure for revoking certification; enforcement actions

(a) (1) If a county or municipality has enacted ordinances which meet or exceed the standards, requirements, and provisions of this chapter and the state general permit, except that the standards, requirements, and provisions of the ordinances for monitoring, reporting, inspections, design standards, turbidity standards, education and training, and project size thresholds with regard to education and training requirements shall not exceed the state general permit requirements, and which are enforceable by such county or municipality, and if a county or municipality documents that it employs qualified personnel to implement enacted ordinances, the director may certify such county or municipality as a local issuing authority for the purposes of this chapter.

(2) A local issuing authority shall regulate both primary and secondary permittees as such terms are defined in the state general permit. Primary permittees shall be responsible for installation and maintenance of best management practices where the primary permittee is conducting land-disturbing activities. Secondary permittees shall be responsible for installation and maintenance of best management practices where the secondary permittee is conducting land-disturbing activities. A local issuing authority must review, revise, or amend its ordinances within 12 months of any amendment to this chapter.

(3) Any land-disturbing activities by a local issuing authority shall be subject to the same requirements of the ordinances such local issuing authority adopted pursuant to this chapter as are applied to private persons, and the division shall enforce such requirements upon the local issuing authority.

(b) The districts or the commission or both shall review semi-annually the actions of counties

and municipalities which have been certified as local issuing authorities pursuant to subsection (a) of this Code section. The districts or the commission or both may provide technical assistance to any county or municipality for the purpose of improving the effectiveness of the county's or municipality's erosion and sedimentation control program. The districts or the commission shall notify the division and request investigation by the division if any deficient or ineffective local program is found.

(c) The board, on or before December 31, 2003, shall promulgate rules and regulations setting forth the requirements and standards for certification and the procedures for decertification of a local issuing authority. The division may periodically review the actions of counties and municipalities which have been certified as local issuing authorities pursuant to subsection (a) of this Code section. Such review may include, but shall not be limited to, review of the administration and enforcement of and compliance with a governing authority's ordinances and review of conformance with an agreement, if any, between the district and the governing authority. If such review indicates that the governing authority of any county or municipality certified pursuant to subsection (a) of this Code section has not administered, enforced, or complied with its ordinances or has not conducted the program in accordance with any agreement entered into pursuant to subsection (e) of Code Section 12-7-7, the division shall notify the governing authority of the county or municipality in writing. The governing authority of any county or municipality so notified shall have 90 days within which to take the necessary corrective action to retain certification as a local issuing authority. If the county or municipality does not take necessary corrective action within 90 days after notification by the division, the division shall revoke the certification of the county or municipality as a local issuing authority.

(d) The director may determine that the public interest requires initiation of an enforcement action by the division. Where such a determination is made and the local issuing authority has failed to secure compliance, the director may implement the board's rules and seek compliance under provisions of Code Sections 12-7-12 through 12-7-15. For purposes of this subsection, enforcement actions taken by the division pursuant to Code Sections 12-7-12 through 12-7-15 shall not require prior revocation of certification of the county or municipality as a local issuing authority.

12-7-9 Applications for permits; erosion and sediment control plans and data; time for or issuance or denial

(a) Applications for permits shall be submitted in accordance with this chapter and the rules and regulations, ordinances, and resolutions adopted pursuant to this chapter. Such applications shall be accompanied by the applicant's erosion and sediment control plans and by such supportive data as will affirmatively demonstrate that the land-disturbing activity proposed will be carried out in such a manner that the minimum requirements set forth in Code Section 12-7-6 shall be met. All applications shall contain a certification stating that the plan preparer or the designee thereof visited the site prior to creation of the plan or that such a visit was not required in accordance with rules and regulations established by the board.

(b) No permit shall be issued to any applicant unless the local issuing authority affirmatively determines that the plan embracing such activities meets the requirements of Code Section 12-7-6. All applicable fees shall be paid prior to issuance of the land disturbance permit by the local issuing authority.

(c) Permits shall be issued or denied as soon as practicable after the application therefore has

been filed with the local issuing authority, but in any event not later than 45 days thereafter.

12-7-10. Referral of application and plan to district; time for action

Except as otherwise provided by Code Section 12-7-7, immediately upon receipt of an application for a permit the application and plan for sediment and erosion control shall be referred to the appropriate district wherein such land-disturbing activities are proposed to take place, for its review and approval or disapproval concerning the adequacy of the erosion and sediment control plan proposed by the applicant. A district shall approve or disapprove a plan within 35 days of receipt. Failure of a district to act within 35 days shall be considered an approval of the pending plan.

12-7-11. Statement of reasons for denial of permit required; conditions for approval; suspension, revocation, or modification of permit

(a) Within the time specified by Code Section 12-7-9, the local issuing authority shall issue or deny the permit. The local issuing authority, upon denial of a permit, shall state its reasons for the denial, setting forth specifically wherein such application is found to be deficient. Any land-disturbing activity permitted under this chapter shall be carried out in accordance with this chapter and the ordinance, resolution, or rules and regulations adopted and promulgated pursuant to this chapter. The local issuing authority shall specify on the permit the conditions under which the activity may be undertaken.

(b) The permit may be suspended, revoked, or modified by the local issuing authority, as to all or any portion of the land affected by the plan, upon a finding that the holder or his or her successor in title is not in compliance with the approved erosion and sediment control plan or that the holder or his or her successor in title is in violation of this chapter or any ordinance, resolution, rule, or regulation adopted or promulgated pursuant to this chapter. A holder of a permit shall notify any successor in title to him or her as to all or any portion of the land affected by the approved plan of the conditions contained in the permit.

12-7-12. Orders directed to violators; stop work order procedures

(a) Except as provided in subsection (d) of this Code section, whenever the director has reason to believe that a violation of any provision of this chapter, any rule or regulation of the board, or any order of the director has occurred in a county or municipality which is not certified pursuant to subsection (a) of Code Section 12-7-8, the director may issue an order directed to such violator or violators. The order shall specify the provisions of this chapter or the rules or regulations or order alleged to have been violated and may require that land-disturbing activity be stopped until necessary corrective action and mitigation have been taken or may require that necessary corrective action and mitigation be taken within a reasonable time to be prescribed in the order. Any order issued by the director under this Code section shall be signed by the director. Any such order shall become final unless the person or persons named therein request, in writing, a hearing pursuant to Code Section 12-7-16.

(b) Except as provided in subsection (d) of this Code section, whenever a local issuing authority has reason to believe that a violation of any provision of a local ordinance or resolution has occurred within the jurisdiction of the local issuing authority, the local issuing authority may require that land-disturbing activity be stopped until necessary corrective action and mitigation have been taken or may require that necessary corrective action and mitigation be taken within

a reasonable time.

(c) The following procedures shall apply to the issuances of stop work orders:

(1) For the first and second violations of the provisions of this chapter, the director or the local issuing authority shall issue a written warning to the violator. The violator shall have five days to correct the violation. If the violation is not corrected within five days, the director or local issuing authority shall issue a stop work order requiring that land-disturbing activities be stopped until necessary corrective action or mitigation has occurred; provided, however, that, if the violation presents an imminent threat to public health or waters of the state, the director or local issuing authority shall issue an immediate stop work order in lieu of a warning;

(2) For a third and each subsequent violation, the director or local issuing authority shall issue an immediate stop work order; and

(3) All stop work orders shall be effective immediately upon issuance and shall be in effect until the necessary corrective action or mitigation has occurred.

(d) When a violation of this chapter in the form of taking action without a permit, failure to maintain a stream buffer, or significant amounts of sediment, as determined by the local issuing authority or by the director or his or her designee, have been or are being discharged into state waters and where best management practices have not been properly designed, installed, and maintained, a stop work order shall be issued by the local issuing authority or by the director or his or her designee. All such stop work orders shall be effective immediately upon issuance and shall be in effect until the necessary corrective action or mitigation has occurred. Such stop work orders shall apply to all land-disturbing activity on the site with the exception of the installation and maintenance of temporary or permanent erosion and sediment controls.

12-7-13. Injunctions

Whenever, in the judgment of the director, any person has engaged in or is about to engage in any act or practice which constitutes or would constitute a violation of this chapter, the rules and regulations adopted pursuant to this chapter, or any order or permit conditions in a county or municipality which is not certified pursuant to subsection (a) of Code Section 12-7-8, he or she may make application to the superior court of the county where such person resides or, if such person is a nonresident of the state, to the superior court of the county in which the violative act or practice has been or is about to be engaged in for an order enjoining such act or practice or for an order requiring compliance with this chapter, the rules and regulations adopted pursuant to this chapter, or the order or permit condition. Upon a showing by the director that such person has engaged in or is about to engage in any such violative act or practice, a permanent or temporary injunction, restraining order, or other order shall be granted without the necessity of showing the lack of an adequate remedy at law.

12-7-14. Actions to restrain imminent danger; emergency orders; duration of effectiveness of orders

(a) Notwithstanding any other provision of this chapter to the contrary, upon receipt of evidence that certain land-disturbing activities occurring in a municipality or county which is not certified pursuant to subsection (a) of Code Section 12-7-8 are presenting an imminent and substantial danger to the environment or to the health of humans, the director may bring an

action as provided in Code Section 12-7-13 to restrain immediately any person causing or contributing to the danger caused by such land-disturbing activities or to take such other action as may be necessary.

(b) If it is not practicable to assure prompt protection of the environment or the health of humans solely by commencement of such a civil action, the director may issue such emergency orders as may be necessary to protect the environment or the health of humans who are or may be affected by such land-disturbing activities. Notwithstanding any other provision of this chapter, such order shall be immediately effective for a period of not more than 48 hours, unless the director brings an action under subsection (a) of this Code section before the expiration of such period. Whenever the director brings such an action within such period, such order shall be effective for such period of time as may be authorized by the court pending litigation or thereafter.

12-7-15. Civil penalty

Any person who violates any provision of this chapter, the rules and regulations adopted pursuant to this chapter, or any permit condition or limitation established pursuant to this chapter or who negligently or intentionally fails or refuses to comply with any final or emergency order of the director issued as provided in this chapter shall be liable for a civil penalty not to exceed \$2,500.00 per day. For the purpose of enforcing the provisions of this chapter, notwithstanding any provision in any city charter to the contrary, municipal courts shall be authorized to impose a penalty not to exceed \$2,500.00 for each violation. Notwithstanding any limitation of law as to penalties which can be assessed for violations of county ordinances, any magistrate court or any other court of competent jurisdiction trying cases brought as violations of this chapter under county ordinances approved under this chapter shall be authorized to impose penalties for such violations not to exceed \$2,500.00 for each violation. Each day during which the violation or failure or refusal to comply continues shall be a separate violation.

12-7-16. Hearings and review

All hearings on and review of contested matters, orders, or permits issued by or filed against the director and all hearings on and review of any other enforcement actions or orders initiated by the director under this chapter shall be provided and conducted in accordance with subsection (c) of Code Section 12-2-2. The hearing and review procedure provided in this Code section is to the exclusion of all other means of hearings or review.

12-7-17. Exemptions

This chapter shall not apply to the following activities:

- (1) Surface mining, as the same is defined in Code Section 12-4-72;
- (2) Granite quarrying and land clearing for such quarrying;
- (3) Such minor land-disturbing activities as home gardens and individual home landscaping, repairs, maintenance work, fences, and other related activities which result in minor soil erosion;
- (4) The construction of single-family residences, when such construction disturbs less than one acre and is not a part of a larger common plan of development or sale with a planned

disturbance of equal to or greater than one acre and not otherwise exempted under this paragraph; provided, however, that construction of any such residence shall conform to the minimum requirements as set forth in subsection (b) of Code Section 12-7-6 and this paragraph. For single-family residence construction covered by the provisions of this paragraph, there shall be a buffer zone between the residence and any state waters classified as trout streams pursuant to Article 2 of Chapter 5 of this title. In any such buffer zone, no land-disturbing activity shall be constructed between the residence and the point where vegetation has been wrested by normal stream flow or wave action from the banks of the trout waters. For primary trout waters, the buffer zone shall be at least 50 horizontal feet, and no variance to a smaller buffer shall be granted. For secondary trout waters, the buffer zone shall be at least 50 horizontal feet, but the director may grant variances to no less than 25 feet. Regardless of whether a trout stream is primary or secondary, for first order trout waters, which are streams into which no other streams flow except for springs, the buffer shall be at least 25 horizontal feet, and no variance to a smaller buffer shall be granted. The minimum requirements of subsection (b) of Code Section 12-7-6 and the buffer zones provided by this paragraph shall be enforced by the issuing authority;

(5) Agricultural operations as defined in Code Section 1-3-3 to include those practices involving the establishment, cultivation, or harvesting of products of the field or orchard; the preparation and planting of pasture land; farm ponds; dairy operations; livestock and poultry management practices; and the construction of farm buildings;

(6) Forestry land management practices, including harvesting; provided, however, that when such exempt forestry practices cause or result in land-disturbing or other activities otherwise prohibited in a buffer, as established in paragraphs (15) and (16) of subsection (b) of Code Section 12-7-6, no other land-disturbing activities, except for normal forest management practices, shall be allowed on the entire property upon which the forestry practices were conducted for a period of three years after the completion of such forestry practices;

(7) Any project carried out under the technical supervision of the Natural Resources Conservation Service of the United States Department of Agriculture;

(8) Any project involving less than one acre of disturbed area; provided, however, that this exemption shall not apply to any land-disturbing activity within a larger common plan of development or sale with a planned disturbance of equal to or greater than one acre or within 200 feet of the bank of any state waters, and for purposes of this paragraph, "state waters" excludes channels and drainageways which have water in them only during and immediately after rainfall events and intermittent streams which do not have water in them year round; provided, however, that any person responsible for a project which involves less than one acre, which involves land-disturbing activity, and which is within 200 feet of any such excluded channel or drainageway must prevent sediment from moving beyond the boundaries of the property on which such project is located and provided, further, that nothing contained in this chapter shall prevent a city or county which is a local issuing authority from regulating any such project which is not specifically exempted by paragraph (1), (2), (3), (4), (5), (6), (7), (9), or (10) of this Code section;

(9) Construction or maintenance projects, or both, undertaken or financed in whole or in part, or both, by the Department of Transportation, the Georgia Highway Authority, or the State Road and Tollway Authority; or any road construction or maintenance project, or both, undertaken by any county or municipality; provided, however, that construction or maintenance projects of the

Department of Transportation or the State Road and Tollway Authority which disturb one or more contiguous acres of land shall be subject to the provisions of Code Section 12-7-7.1; except where the Department of Transportation, the Georgia Highway Authority, or the State Road and Tollway Authority is a secondary permittee for a project located within a larger common plan of development or sale under the state general permit, in which case a copy of a notice of intent under the state general permit shall be submitted to the local issuing authority, the local issuing authority shall enforce compliance with the minimum requirements set forth in Code Section 12-7-6 as if a permit had been issued, and violations shall be subject to the same penalties as violations by permit holders;

(10) Any land-disturbing activities conducted by any electric membership corporation or municipal electrical system or any public utility under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in Code Section 36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission, or distribution of power; except where an electric membership corporation or municipal electrical system or any public utility under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in Code Section 36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission, or distribution of power is a secondary permittee for a project located within a larger common plan of development or sale under the state general permit, in which case the local issuing authority shall enforce compliance with the minimum requirements set forth in Code Section 12-7-6 as if a permit had been issued, and violations shall be subject to the same penalties as violations by permit holders; and

(11) Public water system reservoirs.

12-7-18. Effect of chapter on requirements of the "Georgia Water Quality Control Act."

No provision of this chapter shall authorize any person to violate Article 2 of Chapter 5 of this title, the "Georgia Water Quality Control Act," or the rules and regulations promulgated and approved under said article or to pollute any waters of this state as defined in said article.

12-7-19. Education and training requirements; required programs; instructor qualifications; expiration of certification

(a) (1) Persons involved in land development design, review, permitting, construction, monitoring, or inspection or any land-disturbing activity shall meet the education and training certification requirements, dependent on his or her level of involvement with the process, as developed by the commission in accordance with this Code section and in consultation with the division and the Stakeholder Advisory Board created pursuant to Code Section 12-7-20.

(2) On or after May 14, 2007, for each site on which land-disturbing activity occurs, each entity or person acting as either a primary, secondary, or tertiary permittee, as defined in the state general permit, shall have as a minimum one person who is in responsible charge of erosion and sedimentation control activities on behalf of said entity or person and meets the applicable education or training certification requirements developed by the commission present on site whenever land-disturbing activities are conducted on that site. A project site shall herein be defined as any land disturbance site or multiple sites within a larger common plan of

development or sale permitted by an owner or operator for compliance with the state general permit.

(3) Persons or entities involved in projects not requiring a state general permit but otherwise requiring certified personnel on site may contract with certified persons to meet the requirements of this chapter.

(4) If a state general permittee who has operational control of land-disturbing activities for a site has met the certification requirements of paragraph (1) of subsection (b) of this Code section, then any person or entity involved in land-disturbing activity at that site and operating in a subcontractor capacity for such permittee shall have until December 31, 2007, to meet those educational requirements specified in paragraph (4) of subsection (b) of Code Section 12-7-19 and shall not be required to meet any educational requirements that exceed those specified in said paragraph.

(b) No less than the following training programs shall be established:

(1) A fundamentals seminar (Level 1) will be established which provides sufficient training to all participants as to the applicable laws, requirements, processes, and latest means and methods recognized by this state to effectively control erosion and sedimentation;

(2) An advanced fundamentals seminar (Level 1) will be established which provides additional details of installation and maintenance of best management practices for both regulatory and nonregulatory inspectors and others;

(3) An introduction to design seminar (Level 2) will be established which provides required training to design and review a successful erosion, sedimentation, and pollution control plan;

(4) An awareness seminar (Level 1) will be established which does not exceed two hours in duration and which provides information regarding the erosion and sediment control practices and processes in the state and which will include an overview of the systems, laws, and roles of the participants; and

(5) A trainer and instructor seminar will be established for both Level 1 and Level 2 trainers and instructors which will provide the minimum training as to applicable laws and best management practices and design of erosion, sedimentation, and pollution control plans in this state.

(c) Trainer and instructor qualifications will be established with the following minimum requirements:

(1) Level 1 trainers and instructors shall meet at least the following minimum requirements and any other requirements as set by the commission:

(A) Education: four-year college degree or five years' experience in the field of erosion and sediment control;

(B) Experience: five-years' experience in the field of erosion and sediment control. Where years of experience is used in lieu of the education requirement of subparagraph (A) of this paragraph, a total of ten years' field experience is required;

(C) Approval by the commission and the Stakeholder Advisory Board; and

(D) Successful completion of the Level 1 trainer and instructor seminar found in paragraph (5) of subsection (b) of this Code section; and

(2) Level 2 trainers and instructors shall meet at least the minimum requirements of a Level 1 trainer or instructor, any other requirements as set by the commission, and successful completion of the Level 2 trainer and instructor seminar created under paragraph (5) of subsection (b) of this Code section.

(d) In addition to the requirements of subsection (c) of this Code section, the commission shall establish and any person desirous of holding certification must obtain a passing grade as established by the Stakeholder Advisory Board on a final exam covering the material taught in each mandatory seminar; provided, however, that there shall be no final exam requirement for purposes of paragraph (4) of subsection (b) of this Code section. Final exams may, at the discretion of the commission, serve in lieu of attendance at the seminar. Any person shall be authorized to administer a final examination for any seminar for which he or she was the instructor.

(e) (1) A certification provided by achieving the requirements established by the commission shall expire no later than three years after its issuance.

(2) A certified individual shall be required to attend and participate in at least four hours of approved continuing education courses, as established by the commission, every three years.

(3) A certification may be extended or renewed by meeting requirements established by the commission.

(4) Revocation procedures may be established by the commission in consultation with the division and the Stakeholder Advisory Board.

12-7-20. Creation of Stakeholder Advisory Board; responsibilities; procedures

(a) There shall be a Stakeholder Advisory Board to consist of not more than 13 members.

(b) Members shall be appointed by the Governor, shall serve at the pleasure thereof, and shall represent the following interests:

(1) The division;

(2) The commission;

(3) Soil and water conservation districts;

(4) The Department of Transportation;

(5) Municipal governments;

(6) County governments;

- (7) Public utilities;
- (8) The engineering and design community;
- (9) The construction community;
- (10) The development community;
- (11) The environmental community;
- (12) The Erosion and Sediment Control Overview Council; and
- (13) Educators.

(c) The Stakeholder Advisory Board shall elect one of its members as chairperson. The chairperson shall call all meetings of the Stakeholder Advisory Board.

(d) The Stakeholder Advisory Board shall be responsible for working together with the division and the commission to establish, evaluate, and maintain the education and training program established pursuant to Code Section 12-7-19, including but not limited to reviewing course curricula, educational materials, and exam and testing procedures; evaluating trainer and instructor qualifications; and reviewing audit results performed by the commission.

(e) The Stakeholder Advisory Board may conduct such meetings at such places and at such times as it may deem necessary or convenient to enable it to exercise fully and effectively its powers, perform its duties, and accomplish the objectives and purposes of this Code section. Meetings shall be held on the written notice of the chairperson. The notice of a meeting shall set forth the date, time, and place of the meeting. Minutes shall be kept of all meetings.

(f) A majority of the members shall constitute a quorum of the Stakeholder Advisory Board. The powers and duties of the Stakeholder Advisory Board shall be transacted, exercised, and performed only pursuant to an affirmative vote of a majority of those members present at a meeting at which a quorum is present.

(g) Members of the Stakeholder Advisory Board shall not be entitled to any compensation for the rendering of their services to the Stakeholder Advisory Board.

12-7-21. Appointment of panel to study controls implemented pursuant to chapter; procedure and operation of panel

Reserved.

[Repealed]

12-7-22. Electronic filing and reporting system

In order to achieve efficiencies and economies for both the division and the regulated community by the use of electronic filing for certain application and reporting requirements of this chapter and National Pollution Discharge Elimination System permits, the division and the

Pollution Prevention Assistance Division of the department shall jointly work toward implementing such an electronic filing and reporting system as soon as practicable and allowable under federal regulations.

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**GEORGIA EROSION & SEDIMENTATION CONTROL
EDUCATION AND TRAINING CERTIFICATION PROGRAM
FACT SHEET**

**Georgia Environmental Protection Division,
Stakeholder Advisory Board and
Georgia Soil and Water Conservation Commission**

As part of House Bill 285, new education and training certification requirements were included in the 2003 amendments to the Georgia Erosion and Sedimentation Act (Act). House Bill 463 amended the Act during the 2007 session of the General Assembly. The education and training certification (E&TC) requirements (Code Section 12-7-19(a)(1)) in the Act state that “persons involved in land development design review, permitting, construction, monitoring or inspection or any land disturbing activity shall meet the education and training certification requirements, dependent on his or her level of involvement with the process, as developed by the Commission in accordance with this code section and in consultation with the Division and the Stakeholder Advisory Board created pursuant to Code section 12-7-20.”

The Act (Code Section 12-7-19(a)(2)) also states that for each site on which land-disturbing activity occurs, each entity or person acting as either a primary, secondary or tertiary permittee, as defined in the State General Permit, shall have as a minimum one person who is in responsible charge of erosion and sedimentation control activities on behalf of the permittee and meets the applicable education or training certification requirements (Fundamentals Seminar (Level IA)). This Code Section became effective on May 14, 2007.

The Environmental Protection Division (EPD) recommends, but does not require, that at least two people from each permittee working at a project or site have completed the **Fundamentals Seminar (Level IA)**. In the event that a “certified person” is out due to illness, on vacation or called away on an emergency, then another “certified person” is available on-site to ensure that erosion and sedimentation control issues are under control, regardless of what situation arises. If the “certified person” leaves the site and he/she is the only individual on-site that has completed the Fundamentals Seminar (Level IA), then all land disturbing activities undertaken by that permittee should stop until the “certified person” returns. A “certified person” is an individual who has successfully completed the Fundamentals Seminar (Level IA).

The Act (Code Section 12-7-19(a)(4)) also states that “If a state general permittee who has operational control of land-disturbing activities for a site has met the certification requirements of paragraph (1) of subsection (b) of this code section, then any person or entity involved in land-disturbing activity at that site and operating in a subcontractor capacity for such permittee shall have until December 31, 2007, to meet those educational requirements specified in paragraph (4) of subsection (b) of Code Section 12-7-19 and shall not be required to meet any educational requirements that exceed those specified in said paragraph.”

The last subsection reference of this passage pertains to the ***Subcontractor Awareness Seminar (Level I)***. A “certified subcontractor” is an individual who has successfully completed the Subcontractor Awareness Seminar (Level I). If a “certified subcontractor” is not on-site, the subcontractor should stop all land-disturbing activities on the permitted site. Therefore, the Georgia Environmental Protection Division recommends, but does not require, that each subcontractor have at least two “certified subcontractors” assigned to each permitted site. In the event that one of the “certified subcontractors” is called away from the site, then the other “certified subcontractor” would be available to be on-site during any land-disturbing activities.

The following is a list of positions/occupations who, if conducting land-disturbing activities and not otherwise exempt (Attachment - Exemptions Table) will need the required E&TC. The list is not a complete listing of all job titles, but rather is a sample of those that are more common. There may be other titles not included that could benefit from attendance at these E&TC courses. It is useful to consider your specific job responsibilities, and if those responsibilities include involvement with land-disturbing activities, then your attendance at one or more of these E&TC courses is necessary unless somebody else with your work crew/company/entity has already satisfied this requirement for every project or site. While some land-disturbing activities are exempt from the Act and its training requirements, many individuals will have to comply with these training requirements due to conditions in the State General Permits.

SUBCONTRACTOR AWARENESS SEMINAR (LEVEL I)

- Grading personnel, as well as grading and earthmoving equipment operators
- Irrigation system personnel (residence, commercial and industrial sites)
- Landscape personnel
- Utility personnel (excludes entities regulated by the PSC or FERC, and other entities listed in O.C.G.A. 12-7-17(10) located within a common development)
- Wastewater personnel installing on-site systems (includes septic tank excavation and drain fields)
- Well drilling personnel (includes directional boring equipment operators)
- Plumbers and electricians (will require certification if conducting a land-disturbing activity within a permitted project site).
- Best Management Practices (BMP) installation and maintenance personnel
- Water quality sampling personnel
- Other personnel involved in land-disturbing activities acting as a subcontractor

If you are working in a subcontractor capacity and possess a Level IA certification you will not be required to take the Subcontractor Awareness Seminar (Level I).

If you are working in a subcontractor capacity and have attended a Fundamentals Seminar (Level IA) but do not possess a Level IA certification, you will not be required to attend the Subcontractor Awareness Seminar (Level I). However, you must submit a Subcontractor Awareness Seminar (Level I) application with a Fundamentals Seminar (Level IA) proof of attendance form to receive a “certified subcontractor” card.

FUNDAMENTALS SEMINAR (LEVEL IA)

- Builders, contractors, developers or site superintendents in responsible charge of erosion and sedimentation control activities on behalf of a primary, secondary or tertiary permittee
- E&SC inspectors (“certified personnel”) contracted by a permittee to ensure compliance with the State General Permit

It is important to note that a “certified subcontractor” (Level I) is not qualified to perform the duties of a “certified person” (Level 1A). Please note that a “certified inspector” (Level IB), “certified design professional” (Level II) or a “certified plan reviewer” (Level II) is qualified to perform the duties of a “certified person” (Level IA).

ADVANCED FUNDAMENTALS SEMINAR (LEVEL IB)

- Regulatory enforcement inspectors (i.e., Local Issuing Authority and EPD staff)
- Non-regulatory personnel inspectors (i.e., contracted by a Local Issuing Authority to do regulatory work)

A “certified inspector” is an individual who has successfully completed the Advanced Fundamentals Seminar (Level IB). It is important to note that a “certified design professional” (Level II) or a “certified plan reviewer (Level II) is not qualified to perform the duties of a “certified inspector” (Level 1B).

INTRODUCTION TO DESIGN SEMINAR (LEVEL II)

- Design professionals preparing ES&PC plans
- Plan reviewers (including EPD, GSWCC, NRCS and Local Issuing Authorities with “plan review authority”)

In cases where an individual is required to possess a “certified inspector” (Level IB) card and a “certified design professional” (Level II) or “certified plan reviewer” (Level II) card, the individual must attend and obtain:

- A passing exam score for the Advanced Fundamentals Seminar (Level IB) and the Introduction to Design Seminar (Level II), *or*
- A passing exam score for the Introduction to Design Seminar (Level II) and passing exam score for the Advanced Fundamental Seminar (Level IB) “Exam Only Session.”

While some land-disturbing activities are exempt from the Act, many entities or persons will have to comply with the E&TC requirements delineated in the State General Permits (Attachment – Exemptions Table). Please note that the determination of whether an activity is exempt is made by the Local Issuing Authority, or by EPD in areas where there is no Local Issuing Authority. Minor land-disturbing activities are not defined in the State General Permits; therefore, this exemption is not applicable to land-disturbing activities occurring within a project subject to the provisions of the State General Permits.

In summary, it is important to consider “what are my job responsibilities,” and if these responsibilities include involvement with land-disturbing activities, then your attendance at one or more of these E&TC courses may be necessary. Georgia’s E&TC program does not recognize reciprocity with any other state erosion and sedimentation education certification.

The Education and Training Certification Program is administered and implemented by the E&SC Education and Certification Program of the Georgia Soil and Water Conservation Commission, telephone (706) 542-1840. For additional information, access the GSWCC website: www.gaswcc.org, *Programs, Education & Certification*. For enforcement inquiries, please contact the EPD Watershed Protection Branch at (404) 675-6240.

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GEORGIA EROSION & SEDIMENTATION CONTROL
EDUCATION AND TRAINING CERTIFICATION PROGRAM

ENFORCEMENT STRATEGY

Environmental Protection Division

The purpose of this Strategy is to clarify a consistent Enforcement Strategy for state and local erosion and sediment control inspectors. Specifically, this strategy will provide guidance regarding the circumstances where enforcement action should be taken for individuals who are conducting a regulated land disturbing activity (LDA) and who cannot provide proof that they are in compliance with the Act's education and training certification (E&TC) requirements.

As part of House Bill 285, new E&TC requirements were included in the 2003 amendments to the Georgia Erosion & Sedimentation Act (Act). These new E&TC requirements in the Act state that "After December 31, 2006, all persons involved in land development design review, permitting, construction, monitoring or inspection or any land disturbing activity shall meet the education and training certification requirements, dependent on their level of involvement with the process, as developed by the commission in consultation with the division and the Stakeholder Advisory Board created pursuant to Code Section 12-7-20."

In November 2006, the Georgia Environmental Protection Division (EPD), the Stakeholder Advisory Board, and the Georgia Soil and Water Conservation Commission (GSWCC) co-published a Fact Sheet that explains how the term "all persons involved" is to be interpreted by the regulated community as well as by state and local government personnel. The Fact Sheet is being amended in order to clarify the training requirements for those land disturbing activities and/or individuals who are exempt from the Act, but in certain instances are not exempt from the same training requirements in the NPDES General Permits for Construction Activity.

The Act assigns the administration of these new Education and Training Certification (E&TC) requirements to the GSWCC. The GSWCC, as well as a variety of private organizations, provides training. In addition, administration includes test grading, notification of passing the test, and issuance of a certification card that acknowledges a passing score on the test. The GSWCC started experiencing a significant increase in tests submitted for grading in October 2006, which continues at present. As a result, the turnaround for notifying applicants via the website is running at six weeks. The GSWCC is attempting to reduce the current turnaround time and minimize the turnaround time in the future – anticipating the lag time will be 30 days by March 2007.

When EPD's District Offices staff conducts inspections of LDA sites, they currently do not take enforcement action solely for the lack of training certification. If the Erosion, Sedimentation and Pollution Control Plan is deficient or Best Management Practice deficiencies/violations are observed, and lack of certification is also noted, then enforcement for the absence of certification is factored into the enforcement action undertaken at the LDA site. Additionally, only the contractor that lacks the appropriate certification is required to stop work. In accordance with Code Section 12-7-12(c), the violator should be given two warnings before the issuance of a stop work order. In an effort to have a consistent enforcement strategy throughout the state, EPD strongly recommends that the Local Issuing Authorities adopt the above strategy. This will reduce confusion as Contractors and others move from project to project in multiple locations in the state.

For further enforcement inquiries, contact EPD's Watershed Protection Branch at (404) 675-6240 or the appropriate EPD District Office.

Insert Tab &- NPDES

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NPDES General Permits Storm Water from Construction Sites



Education and Certification for Persons
Involved in Land Disturbing Activities

Issued July 2014

1



What is "NPDES"?

National Pollutant Discharge Elimination System



Created by the Federal Clean Water Act (CWA) to control water pollution by regulating the discharge of pollutants to surface waters.



The Georgia Environmental Protection Division (GA EPD) has been "authorized" by the U.S. EPA to issue NPDES General Permits within the State.

Once a state is "authorized," the U.S. EPA oversees the state's administration of the program.

2



The Three NPDES General Permits

- GAR100001 – Stand Alone Construction
- GAR100002 – Infrastructure Construction
- GAR100003 – Common Development Construction

The Permits

were re-issued September 24, 2013,
and will be valid for a term of 5 years.

Permits are available on the GA EPD website:
www.epd.georgia.gov or www.gaswcc.georgia.gov

3



Read the Permit!

Reading and understanding the Permit is essential



to understanding and maintaining compliance ⁴



Part I. Coverage Under The Permits

Land disturbance equal to or greater than one (1) acre,
or
Tracts of less than one (1) acre that are part of a larger overall development with a combined disturbance of one (1) acre or greater

(i.e., common plan of development)

5



Part I. Coverage Under The Permits

These Permits regulate discharges of storm water to waters of the State from construction activities.

CONSTRUCTION ACTIVITY means the disturbance of soils associated with clearing, grading, excavating, filling of land, or other similar activities which may result in soil erosion.

* Construction activity does not include agricultural and silvicultural practices, but does include agricultural buildings.

6



Part I. Coverage Under The Permits

Common Development means a contiguous area where multiple, separate, and distinct construction activities will be taking place at different times on different schedules under one plan of development.

7



Part I. Coverage Under The Permits

Infrastructure Construction means construction activities that are not part of a common development that include the construction, installation and maintenance of roadway and railway projects and conduits, pipes, pipelines, substations, cables, wires, trenches, vaults, manholes and similar or related structures for the conveyance of natural gas (or other types of gas), liquid petroleum products, electricity, telecommunications (telephone, data, television, et.), water, storm water or sewage.

8



Part I. Coverage Under The Permits

Stand Alone Construction means construction activities that are not part of a common development where the primary permittee chooses not to use secondary permittees.

9



Part I. Coverage Under The Permits

Primary Permittee means the Owner or Operator or both of a tract of land for a construction project subject to the permit.

Secondary Permittee means an owner, individual builder, utility company, or utility contractor that conducts a construction activity within a common development with an existing primary permittee.

Tertiary Permittee means either the Owner or Operator of a remaining lot(s) within a common development conducting a construction activity where the primary permittee and all secondary permittees have submitted a NOI or where a primary permittee no longer exists. (excluding utility companies and contractors working under a Blanket NOI).*

*The Primary Permittee must notify the legal title holders of each remaining lot(s) that these lot Owners or Operators will become Tertiary Permittee(s).

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Part I. Coverage Under The Permits

CERTIFIED PERSONNEL means a person who has successfully completed the appropriate certification course approved by the GSWCC. (O.C.G.A. § 12-7-19)

- Subcontractor Awareness - Subcontractors retained by a Permittee
- Level IA – E&SC Inspectors retained by a Permittee
- Level IB – Regulatory Enforcement Inspectors
- Level II – Design Professionals and Plan Reviewers

If a "Certified Person" is not on-site, all land disturbing activities undertaken by that permittee should stop. ¹¹



Part I. Coverage Under The Permits

Infrastructure Projects:

Infrastructure projects that result in contiguous land disturbance equal to or greater than one (1) acre.

CONTIGUOUS AREAS OF LAND DISTURBANCES for the purposes of this permit, "include those areas of land disturbances solely separated by drilling and boring activities, water of the State and adjacent State-mandated buffers, roadways and/or railways. In addition, contiguous areas of land disturbances include all areas of land disturbances at a sole roadway intersection and/or junction."

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Part I. Coverage Under The Permits

Infrastructure Projects:

Coverage under this permit is not required for infrastructure construction projects that consist solely of "routine maintenance for the original purpose of the facility that is performed to maintain the original line and grade and the hydraulic capacity."

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Part I. Coverage Under The Permits

Infrastructure Projects:

In order to be eligible for this exemption, the infrastructure maintenance project must comply with the following conditions:

- (1) no mass grading,
- (2) stabilized by the end of each day with temporary or permanent stabilization,
- (3) project duration < 120 calendar days, and
- (4) final stabilization implemented at the end of the maintenance project.

Permit Reference: Part I.C.(1)(c)

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Part II. Notice Of Intent Requirements

- New construction sites must submit a **NOI at least 14 days prior to commencement of construction activities.**
(Note: No change from earlier permits)
- For new construction sites, check the box on the NOI for "**Initial Notification.**"
- NOIs must be submitted by **return receipt certified mail** or similar service and **proof of submittal must be readily available** at the construction site or a designated location.



15



Part II. Notice Of Intent Requirements

- Existing construction sites were required to submit a new NOI no later than 90 days after the effective date of the new permits (September 24, 2013).
- If the Primary Permittee paid the applicable fees when the initial NOI was submitted, the Primary Permittee does not pay any additional fees for a re-issuance notification.

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Part II. Notice Of Intent Requirements

- Failure to comply with this requirement shall constitute a violation of the Georgia Water Control Act for each day until an "initial" NOI – Version 2013 is submitted.
- In addition to the violation, the permittee must prepare and submit a new ES&PC Plan in accordance with Part IV of the new permits and pay all applicable fees in accordance with Part II.D of the permits.

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Part II. Notice Of Intent Requirements

- In the event a lender or other secured creditor acquires legal title to a construction site (e.g., **FORECLOSURE**), such party, as the new owner, must file a new NOI by the earlier to occur:
 - 7 days before beginning work at the facility/ construction site,
 - or
 - 30 days from acquiring legal title to the facility/ construction site.

Permit Reference: Part II A.4

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Part II. Notice Of Intent Requirements

Tertiary Permittees, under the 2013 permit, have three options for submitting an NOI:

OPTION (1) - The permittee may submit a Notice of Intent for each individual lot and a new ES&PC Plan for each individual lot.

OPTION (2) –If the permittee’s total land disturbance within the construction site is less than five acres and total land disturbance within the individual lot(s) is less than one acre, the permittee may submit a single NOI and an ES&PC Plan(s) for a typical individual lot(s). Then submit a NOT for each individual lot.

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Part II. Notice Of Intent Requirements

OPTION (3) - The owner may submit a single Notice of Intent – Initial Notification for the entire construction site and submit a new ES&PC Plan for the entire construction site.

The owner may submit the NOI – Initial Notification as either a Primary Permittee or Tertiary Permittee and a single NOT.

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Part II. Notice Of Intent Requirements

OPTION (3) (continued)

- Primary Permittees must provide copies of the Plan to all Secondary Permittees.
- Primary Permittees are solely responsible for the payment of NPDES General Permit fees for all planned land disturbing activities – including land disturbing activities planned by any Secondary Permittees.

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Part II. Notice Of Intent Requirements

NOIs must be submitted to **both** the appropriate **GA EPD District Office** and to the **Local Issuing Authority (LIA)** in jurisdictions authorized to issue Local Land Disturbance Activity permits. (Note: No change from earlier permits)

Permit Reference: Part II. C

22



Part II. Notice Of Intent Requirements

- Utility Companies may submit an **Annual Blanket Notice of Intent** covering all construction activities within common developments statewide on or before January 15th of the year in which coverage is desired.
- A copy of the **Blanket NOI** must be provided to the Primary Permittee not more than 7 days prior to commencement of construction activities by the Utility Company at each site.

Permit Reference: Part II. B.2.1

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Part II. Notice Of Intent Requirements

The Primary Permittee is solely responsible for the payment of fees for all **planned** land disturbing activities, including all land disturbing activities within a Common Development planned by the Secondary Permittees and/or Tertiary Permittees.

Fee Form and Fact Sheet are available on the GA EPD and GSWCC websites:

www.epd.georgia.gov or www.gaswcc.georgia.gov



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Part III. Special Conditions

Part III C. – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

- If the Impaired Stream Segment has been listed for the criteria violated, “Bio F” (Impaired Fish Community) and/or “Bio M” (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either “NP” (nonpoint source) or “UR” (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in Part III.C.2. (a) – (u) of the new permits.

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Part III. Special Conditions

Part III C. – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

- During all construction activities as defined in the permit, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 30 foot undisturbed vegetated buffer along all State waters classified as “trout streams” requiring a buffer. During construction activities, LUD will not grant variances to any such buffers that are increased in width pursuant to the section.
- Increase all temporary sediment basins and reticulated storm water management basins to provide sediment storage of at least 9000 cubic feet (124 cubic yards) per acre drained.
- Use buffers in all temporary sediment basins and reticulated storm water management basins to at least double the conventional flow path length to the outlet structure.
- A large sign (minimum 4 feet x 9 feet) must be on the site on the actual start date of construction visible from a public roadway (identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a NOI has been submitted.
- Use acrylic polyacrylamide (PAM) and/or mulch to stabilize all areas left disturbed for more than seven (7) calendar days in accordance with Part III.C.1. of this permit.
- Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of this permit.

BMPs listed in Part III.C.2. (a) – (u)

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Part III. Special Conditions

Part III C. – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

- Georgia’s “305(b)/303(d) List Documents (Final)” can be viewed on the GA EPD website, epd.georgia.gov/georgia-305b303d-list-documents.
- GIS Data Sets for biota impaired streams are available on the GA EPD website in ESRI Geodatabase 9.1 format and ESRI Shapefile format.
- Criteria violated: “Bio F” (Impaired Fish Community) and/or “Bio M” (Impaired Macroinvertebrate Community).
- Potential causes: “NP” (nonpoint source) or “UR” (urban runoff).

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Part III. Special Conditions

Part III – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

Total Maximum Daily Loads (TMDL) Implementation Plans

ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan, if the TMDL Implementation Plan for *sediment* was finalized at least six months prior to submittal of the *Initial* Notice of Intent.

Permit Reference: Part III.C.1

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Part III. Special Conditions

Part III C. – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

Total Maximum Daily Loads (TMDL) Implementation Plans

If no site-specific conditions or requirements have been included in the TMDL Implementation Plan for the applicable impaired stream segments:

“NPDES construction activities are considered a significant source of pollution and compliance with the Permits should lead to sediment loading for construction sites at or below applicable targets.”

Permit Reference: Part III.C.1

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Part III. Special Conditions

Part III C. – Discharges into, or within one mile upstream of and within the same Watershed as, any portion of a Biota Impaired Stream

Total Maximum Daily Loads (TMDL) Implementation Plans

List of TMDL Implementation Plans can be viewed on the GA EPD website, www.epd.georgia.gov (Under “Technical Guidance,” scroll down to “Watershed Protection Branch,” then click “Total Maximum Daily Loading”)

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Part IV. ES&PC Plan

Erosion, Sedimentation and Pollution Control Plan

- The ES&PC Plan is critical
- The Plan must be prepared in accordance with Part IV of the Permit
- The Plan must be implemented
- The Plan must provide for compliance with the Permit.

Permit Reference: Part IV.D.1

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Part IV. ES&PC Plan

- Erosion, Sedimentation and Pollution Control (ES&PC) Plans must be prepared by a "**certified design professional**" (**Level II**) licensed by the State of Georgia in the field of engineering, architecture, landscape architecture, forestry, geology or land surveying or a "**certified design professional**" (**Level II**) that is a Certified Professional in Erosion and Sedimentation Control (CPESC).

Permit Reference: Part I.B.8 (Stand Alone and Infrastructure)
Part I.B.10 (Common Development)

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Part IV. ES&PC Plan

Stream Buffer Requirement Exemptions

- Public Drinking Water System Reservoirs



Permit Reference: Part IV.(i), (ii)

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Part IV. ES&PC Plan

Stream Buffer Requirement Exemptions

- Ephemeral Streams (Excluding Trout Streams)
- Bulkheads and Seawalls on Lake Oconee and Lake Sinclair

Permit Reference: Part IV.(i),(ii)

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Part IV. ES&PC Plan

Stream Buffer Requirement Exemptions

- Stream Crossing for Utility Lines for any EMC or Public Utility under the Regulatory Jurisdiction of the PSC and/or FERC or any Cable Television System
- Right-of-Way Posts, Guy Wires, Anchors, Survey Markers and the Replacement of or Maintenance of Existing Utility Structures under the regulatory jurisdiction of the PSC and/or FERC or roadway projects undertaken by DOT or any municipality or county.

Permit Reference: Part. IV. A.(i)(3)(7) (Stand Alone)

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Part IV. ES&PC Plan

Stream Buffer Requirement Exemptions

Maintenance, repair and/or upgrade of SWCD Watershed Dams when under the technical supervision of the USDA NRCS.



Permit Reference: Part. IV. A.(i)(8) (Stand Alone)

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Part IV. ES&PC Plan

Plan Submittal

Situation 1: The local government (i.e., city or county) is a certified Local Issuing Authority (LIA).

- NOI and required attachments must be submitted to the appropriate GA EPD District Office.
- Copy of the NOI must be submitted to the LIA.
- Copy of the ES&PC Plan must be submitted to the appropriate GA EPD District Office only for sites equal to or greater than 50 acres of disturbed area.

Permit Reference: Part IV.A.4

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Part IV. ES&PC Plan

Plan Submittal

Situation 2: The local government is a LIA, but the project is exempt from the local ordinance.

Or

Situation 3: The local government is not a certified Local Issuing Authority.

Permit Reference: Part IV.A.4

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Part IV. ES&PC Plan

Plan Submittal (continued)

- NOI and required attachments must be submitted to the appropriate GA EPD District Office.
- Single copy of the ES&PC Plan must be submitted to the GA EPD Watershed Protection Branch in Atlanta and second copy must be submitted to the appropriate GA EPD District Office.

Permit Reference: Part IV.A.4

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Part IV. ES&PC Plan

- For Stand Alone and Common Development construction projects, the *design professional* who prepared the ES&PC Plan must inspect the installation of the initial sediment storage requirements and perimeter control BMPs within seven (7) days after installation.
- For non-linear Infrastructure construction projects, the *design professional* who prepared the ES&PC Plan must inspect the installation of the initial sediment storage requirements and perimeter control BMPs within seven (7) days after installation.

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Part IV. ES&PC Plan

Part IV – ES&PC Plan – Design Professional

- Alternatively, for Linear infrastructure construction projects, the *design professional* who prepared the ES&PC Plan must inspect the installation of the sediment storage requirements and perimeter control BMPs for the INITIAL PHASED SUB-PART OR SEGMENT of the linear infrastructure project and ALL SEDIMENT BASINS within seven (7) days after installation.
- Disturbed acreage of the initial phased sub-part or segment of the Linear infrastructure project must be equal to or greater than 10% of total disturbed acreage but not less than one(1) acre.

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Part IV. ES&PC Plan

The *design professional* must report the results of the inspection to the permittee within seven (7) days and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report.

Permit Reference: Part IV.A.5

42



Part IV. ES&PC Plan

Primary Permittees of Common Developments:

- Must maintain a list of all Secondary Permittees,
- Ensure that all *Secondary Permittees* have received a copy of the Primary Permittee's ES&PC Plan and have signed the Primary Permittee's copy, and
- Ensure that all Secondary Permittees are aware of their responsibilities as permittees under the Permit.

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Part IV. ES&PC Plan

- Upon request by the permittee, the *design professional* will amend ES&PC Plans as necessary whenever there is a change affecting BMPs with a hydraulic component.
- **BMP with a HYDRAULIC COMPONENT** – BMP where the design is based upon rainfall intensity, duration and return frequency of storms.

Permit Reference: Part IV.C

44



Part IV. ES&PC Plan

Plan Contents

- Locate waste collection away from streets, gutters, watercourses and storm drains.
- Waste collection areas, such as dumpsters, are best located near construction site entrances to minimize traffic on disturbed soils.
- The Plan should include secondary containment around liquid waste collection areas to minimize contaminated discharges.

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Part IV. ES&PC Plan

Plan Contents

- The Plan shall include best management practices for concrete **washdown** of tools, concrete mixer chutes, hoppers and the rear of vehicles.

- Washout** of the drum at the construction site is prohibited.

- Additional information about the BMPs for concrete washouts is available at www.epa.gov/npdes/pubs/concretewashout.pdf



Permit Reference: Part IV.D.3.C

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Part IV. ES&PC Plan

Site Inspections – Primary and Tertiary Permittee

- E&SC Inspectors (certified personnel) – Level IA

Daily Inspections: (1) areas where petroleum products are stored, used or handled;

(2) vehicle entrances and exits; and

(3) measure rainfall for each 24 hour period, except any non-working Saturday, Sunday and Federal holiday until a NOT is submitted. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials.

Permit Reference: Part IV.D 4(a)(c)

47



Part IV. ES&PC Plan

Site Inspections – Primary and Tertiary Permittee

- Weekly Inspections and within 24 Hours of each ½ Inch Rainfall or Greater:** disturbed areas, storage areas, structural BMPs and outfall locations.

- Monthly Inspections:** stabilized areas.

Permit Reference: Part IV.D.4.a – 4.c

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Part IV. ES&PC Plan

Inspection Results – Primary and Tertiary Permittee

- If BMP deficiencies are indicated during an inspection, the BMP deficiencies should be corrected as soon as practical and **corrective actions documented**.
- If corrective action requires a revision to the ES&PC Plan, the Plan must be revised within **7 calendar days** of the inspection.
- ES&PC Plan revisions must be implemented within **7 calendar days** of the inspection.

Permit Reference: Part IV.D.4.a (5) – 4.c(5)

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Part IV. ES&PC Plan

Inspection Reports – Primary and Tertiary Permittee

- Inspection Reports must include the following: name of inspector, date of each inspection, construction phase, observations relating to the implementation of the ES&PC Plan, corrective actions, incidents of non-compliance, and **signature of certified E&SC inspector (certified person – IA)**(Permit Reference: Part V.G.).
- Where reports do not identify any incidents of non-compliance, the report must contain a **certification statement** that the site is in compliance with the ES&PC Plan and the Permit.

Permit Reference: Part IV.D.4.a(6) – 4.c(6)

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Part IV. ES&PC Plan

Inspection Reports – Primary and Tertiary Permittee

- All inspection reports must be retained at the site or be readily available at designated alternative location.
- All **permit violations** (Permit Reference: Part III.D.) must be documented in the site records within 7 days of discovery and a **report of these violations must be submitted to the appropriate GA EPD District Office within 14 days of discovery**.

Permit Reference: Part V.A.2

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Part IV. ES&PC Plan

Site Inspections – Secondary Permittee

- E&SC Inspectors (certified personnel) – Level IA
- **Daily Inspections:** (1) areas where petroleum products are stored, used or handled and (2) vehicle entrances and exits.
- **Weekly Inspections and within 24 Hours of each ½ inch Rainfall or Greater:** disturbed areas, storage areas, structural BMPs and outfall locations.
- **Monthly Inspections:** stabilized areas.

Permit Reference: Part IV.D.4.b

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Part IV. ES&PC Plan

Site Inspections – Secondary Permittee

Utility Companies and Utility Contractors acting as Secondary Permittees must inspect the following each day any type of construction activity occurs:

- Areas disturbed by the utility company or contractor which have not undergone final stabilization.
- Areas used by the utility company or contractor for storage of materials exposed to precipitation that have not undergone final stabilization.
- Structural control measures identified in the ES&PC Plan.

Permit Reference: Part IV.D.4.b

53



Part IV. ES&PC Plan

Inspection Reports – Secondary Permittee

- The Secondary Permittee must notify the Primary Permittee of any BMP design deficiencies within 24 hours and the Primary Permittee must evaluate any suspected BMP design deficiencies within 48 hours of notice.
- If corrective action requires a revision to the ES&PC Plan, the Plan must be revised by the Primary Permittee within 7 calendar days of the notice.
- ES&PC Plan revisions must be implemented by the Secondary Permittee within 48 hours of notice.

Permit Reference: Part IV.D.4.b(5)

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Part IV. ES&PC Plan

Inspection Reports – Secondary Permittee

- Inspection Reports must include the following: name of inspector, date of each inspection, observations relating to the implementation of the ES&PC Plan, corrective actions, incidents of non-compliance, and **signature of certified E&SC inspector**
- Where reports do not identify any incidents of non-compliance, the report must contain a **certification statement** that the site is in compliance with the ES&PC Plan and the Permit.

Permit Reference: Part IV.D.4.b(6)

55



Part IV. ES&PC Plan

Inspection Reports – Secondary Permittee

- All inspection reports must be retained at the site or be readily available at designated alternative location.
- All **permit violations** (*Permit Reference: Part III.D.*) must be documented in the site records within 7 days of discovery and a **report of these violations must be submitted to the appropriate GA EPD District Office within 14 days of discovery.**

Permit Reference: Part V.A.2

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Part IV. ES&PC Plan

Sampling Requirements

- WQ Sampling Personnel (certified subcontractor) – Level I
- Applicable to **Primary Permittees** with a total planned disturbance equal to or greater than one (1) acre and **Tertiary Permittees** with a total planned disturbance equal to or greater than five (5) acres.
- Sampling requirements are **not** applicable to Secondary Permittees.

Permit Reference: Part IV.D.6

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Part IV. ES&PC Plan

Sampling Requirements

- Permits require the monitoring of **Nephelometric Turbidity** in receiving waters, storm water discharge outfalls, or combination thereof.
- The ES&PC Plan must delineate a **precise sampling methodology for each sampling location**.
- The analytical method used to collect and analyze samples must include **quality control / quality assurance procedures**.

Permit Reference: Part IV.D.6

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Part IV. ES&PC Plan

Sampling Points

- Sample all receiving waters, or all outfalls, or a combination of all receiving waters and outfalls as specified in the ES&PC Plan.

Permit Reference: Part IV.D.6(c)

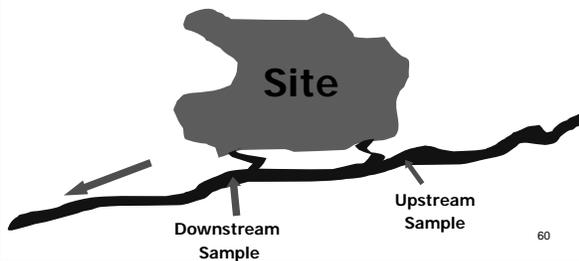
59



Part IV. ES&PC Plan

Sampling Points

Downstream Sample – Upstream Sample \leq 10 NTUs (Trout Stream)
 Downstream Sample – Upstream Sample \leq 25 NTUs (Warm Water Stream)



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Outfall Sampling Location

Warm Water (Supporting Warm Water Fisheries)
Surface Water Drainage Area, square miles

	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-10	75	150	200	400	750	750	750	750
10.01-25	50	100	100	200	300	500	750	750
25.01-50	50	50	100	100	200	300	750	750
50.01-100	50	50	50	100	100	150	300	600
100.01+	50	50	50	50	50	100	200	100

To use these tables, select the size (acres) of the construction site. Then, select the surface water drainage area (square miles). The N112 matrix value arrived at from the above tables is the one to use in Part III D.4.

Part IV. ES&PC Plan

Sampling Frequency

Samples must be collected for at least two rain events:

- First rain event ≥ 0.5 inches after **clearing and grubbing operations** have been completed, but prior to completion of mass grading operations.
- First rain event ≥ 0.5 inches that occurs either 90 days after the first sampling event **OR** after all **mass grading operations** have been completed, but prior to submittal of a NOT, which ever comes first.

Samples must be collected within 12 hours of storm water discharge from the site.

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Permit Reference: Part IV.D.6.d

Part IV. ES&PC Plan

Sampling Frequency

Sampling is to take place when construction activity is being conducted by the primary permittee during normal business hours, which has been defined as Monday thru Friday 8:00 AM to 5:00 PM, excluding any nonworking Saturday, non-working Sunday and nonworking Federal holidays.

Permit Reference: Part IV.D.6

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Part IV. ES&PC Plan

Sampling Results

- If the results exceed the applicable NTU values of the Permits and BMP deficiencies exist, corrective action must be defined and implemented within 2 days.
- Additional sampling must be conducted for every rain event \geq 0.5 inches until the applicable turbidity standard is attained or BMP deficiencies have been corrected.
- If the results exceed the applicable NTU values of the Permits, but the certified inspector determines that the BMPs are ***properly designed, installed and maintained***, no additional sampling is required.

Permit Reference: Part IV.D.6.d

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ES&PC Plan

Reporting Sampling Results

- Submit summary of sampling results to the appropriate GA EPD District Office by the 15th day of the month following the sampling event.
- Reports must include: rainfall amount, date, time and location of sampling; date and time of analyses, names of individuals performing the sampling and analyses; and monitoring results.
- Results that exceed 1000 NTU, shall be reported as "Exceeds 1000 NTU."
- Certification the sampling was per the plan.



Permit Reference: Part IV.E



ES&PC Plan

Reporting Sampling Results

- All reports must be signed by the ***certified subcontractors*** that performed the sampling and analyses and must contain the ***certification statement*** delineated in Part V.G.2.c. of the Permits.

Permit Reference: Part IV.E

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Part IV. ES&PC Plan

Retention of Records – Primary and Tertiary Permittee

The following records must be retained at the site or be readily available at designated alternative location:

- Copy of Notice of Intent and Proof of Submittal
- Copy of ES&PC Plan
- Design Professional Inspection Report
- Sampling Information, Results and Reports
- Site Inspection Reports
- Violation Summary Reports
- Rainfall Data

Permit Reference: Part IV.F.1, Part IV.F.3

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Part IV. ES&PC Plan

Retention of Records – Secondary Permittee

The following records must be retained at the site or be readily available at designated alternative location:

- Copy of Notice of Intent and Proof of Submittal
- Copy of ES&PC Plan
- Site Inspection Reports
- Violation Summary Reports

Permit Reference: Part IV.F.2

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Part IV. ES&PC Plan

Retention of Records

Records must be maintained by the permittee for a period of at least 3 years after a valid Notice of Termination has been submitted to the appropriate GA EPD District Office.

Permit Reference: Part IV.F.4

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Part VI. Termination of Coverage

Termination Eligibility

FINAL STABILIZATION means "...100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures as defined in the Manual (excluding a crop of annual vegetation and seeding of target perennials appropriate for the regions)."

Permit Reference: Part VI.A.1

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Part VI. Termination of Coverage

Termination Eligibility

The **Permittee** (Primary, Secondary or Tertiary) may submit a **Notice of Termination (NOT)** **immediately** if:

- All **planned** construction activities have been completed and the entire development has undergone final stabilization,
- All storm water discharges associated with construction activities have ceased,
- The site is in compliance with the Permit, and
- All temporary BMPs have been removed.

(Permit Reference: Part VI.A.1)

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Part VI. Termination of Coverage

Termination Eligibility

The **Permittee** (Primary, Secondary or Tertiary) of the site changes **and** construction activities and storm water discharges will continue after the Permittee changes:

- Prior to submitting a NOT, the Permittee must notify the subsequent Owner and/or Operator of the Permit requirements.
- The subsequent Owner and/or Operator must submit a new **Notice of Intent** at least 7 days prior to construction activities at the site. (Permit Reference: Part II.A.4.)

(Permit Reference: Part VI.A.3)

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Part VI. Termination of Coverage

Termination Eligibility

The **Primary Permittee** of a *Common Development* may submit a NOT, even if all **planned** construction activities have **not** been completed, if and only if:

- Construction activities have stopped for at least 90 days,
- Final stabilization has been implemented by the Primary Permittee and all Secondary Permittees,
- All Secondary Permittees have submitted a NOT,
- The site is in compliance with the Permit, **and**
- All temporary BMPs have been removed.

(Permit Reference: Part VI.A.1)

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Part VI. Termination of Coverage

Termination Eligibility

For Infrastructure Construction Projects

- The permittee may submit a Notice of Termination (NOT) for each phase of the infrastructure project, not to exceed four (4) phases.
- The disturbed acreage for each phase must be equal or greater than 25% of the total disturbed acreage – except for the final phase, *the disturbed acreage for the final phase must be equal to or greater than 10% of the total disturbed acreage.*

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Part VI. Termination of Coverage

Termination Eligibility

For Infrastructure Construction Projects

- Permittees may submit a Notice of Termination (NOT) if coverage under the 2013 NPDES General Permit No. GAR100002 is not required for the Primary Permittee of an existing infrastructure construction project.
- Contiguous Areas of Land Disturbances and Routine Maintenance for *infrastructure construction projects* have been redefined in the 2013 NPDES General Permit No. GAR100002.

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Regulatory Inspections

- Routine Inspections and Complaint Investigations
- Recommended Inspection Protocol
- **Review of ES&PC Plan** – The inspection should determine if the BMPs identified on the ES&PC Plan are properly installed and maintained.
- If the site is ***not*** in compliance with the Permit, appropriate enforcement action should be initiated.

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Enforcement – Stop Work Order

VIOLATIONS:

- Construction activity without a Permit (i.e., failure to submit a NOI, fees and/or an ES&PC Plan).
- Failure to maintain a stream buffer (i.e., 25-ft for non-trout waters or 50-ft for trout streams).
- Significant amounts of sediment discharged into State waters where BMPs have not been properly designed, installed and maintained.

(Reference: O.C.G.A. § 12-7-12(d))

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QUESTIONS?

81

Insert Tab ' "Role of Inspectors

Back of Tab

Role of the Inspector

Re-certification
Level IB: Advanced Fundamentals Seminar
Education and Training Requirements for Individuals
Involved in Land Disturbing Activities



Issued May 2009
1

References

1. *Florida Erosion and Sediment Control Inspector's Manual*
Florida Department of Environmental Protection
2. *Conducting Environmental Compliance Inspections: Inspector's Field Manual, International Edition*
Office of Enforcement and Compliance Assurance
Environmental Protection Agency
3. *Manual for Erosion and Sediment Control in Georgia*
4. *NPDES Permits Gar 100001,02,03*

2

The Goal of an Erosion and Sediment Control Program

Is to prevent accelerated erosion and off-site sedimentation.

The inspector is a key person in determining if the plan is being properly implemented.

The inspector must ensure that sites are being evaluated fairly and consistently and the responsible party keeps the site in compliance.

3

The Local Ordinance

To become a Local Issuing Authority a city or county must adopt an ordinance that is in compliance with OCGA 12-7.

By law an LIA must enact an ordinance requiring the city or county to issue a permit that is at least as stringent as the state general permit.
(NPDES permit)

4

Application and Permit Process

The permittee must:

- Secure a LDA permit and provide a copy of the Notice of Intent (NOI) submitted to EPD.
- Submit an Erosion, Sedimentation and Pollution Control (ES&PC) Plan
 - Plan shall include all requirements from the appropriate ES&PC checklist
- Submit permit fees

*Any land disturbing activities conducted by the LIA shall be subject to the same requirements of the ordinance as they are applied to private individuals and EPD shall enforce such requirements

5

Application and Permit Process

Once received, the LIA shall immediately forward the ES&PC plan to the Soil and Water Conservation District (District) for review and approval/disapproval

- Districts will approve/deny a plan within 35 days
- Failure to act within 35 days is an automatic approval

6

The Site Inspection

7

The Site Inspection

Before the inspection:

1. Review the approved ES&PC plan and have a copy on site for reference
2. Bring any needed files or inspection forms.
3. Secure needed equipment, such as cameras with necessary accessories to document observations.



8

The Site Inspection

- If this is the site's first inspection, walk the perimeter of the site.
- Inspection should start from the lowest part of the site and work up.
- Document any and all observations.
- Observe the BMPs for proper installation and maintenance.

9

The Site Inspection

An approved copy of the erosion sedimentation and pollution control (ES&PC) plan should be on site at all times. Ask to see the plan.

- Does the plan match the site
- Determine that all specified practices have been installed and are being maintained according to the plan.
- Determine that off-site sedimentation is being prevented.

If deficiencies are found, appropriate action must be taken to obtain compliance.

10

Compliance What should be on site?

- An approved copy of the (ES&PC) plan should be on site at all times. Ask to see the plan.
- The approved plan should be kept current and amended as needed.
 - Any significant changes to the plan may require a plan review.
- At least one certified person on site. (while land disturbing activities are **being conducted**)

11

Compliance What should be on site?

Copies of the following documents shall be kept on site or readily available at a designated alternative location until an NOT is submitted:

- All NOIs submitted to EPD
- Design Professionals inspection report of the initial sediment storage requirements and the
- Perimeter control BMPs
- All monitoring information, results and reports required by the primary permittee

12

Compliance

What should be on site?

Copies of the following documents shall be kept on site or readily available at a designated alternative location until an NOT is submitted:

- Daily, weekly and monthly inspection reports required by all permittees
- All violation summaries and violation summary reports
- Daily rainfall data
- Any buffer variances or permits required for the project

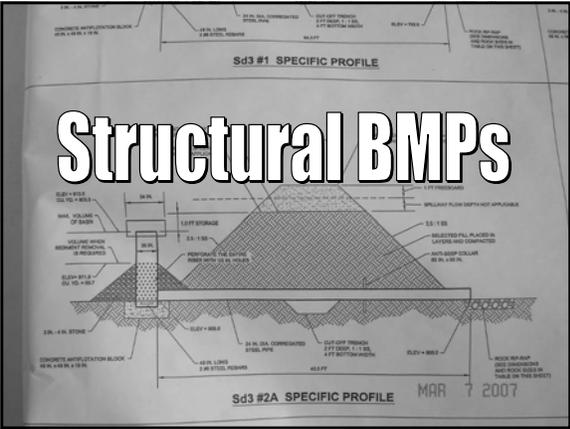
13

Stream Buffer Variances

Only EPD can grant buffer variances for the state required 25 and 50 foot buffers. EPD variances must be in writing. **There are no verbal variances.**

If the LIA has additional buffer requirements the permittee must obtain a variance from LIA for land disturbance within the additional buffer.

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The Site Inspection

What to look for when inspecting individual BMPs.

Co Construction Exits

Purpose: to reduce or eliminate the transport of sediment from a construction site.

What to look for:

- Has the Co been properly installed?
- Is the Co being maintained?
- Is there sediment leaving the site?



16

The Site Inspection

What to look for when inspecting individual BMPs.

Sd2 Inlet Sediment Trap

Purpose: a temporary protective device formed around a storm drain drop inlet to prevent sediment from entering.

- What to look for:**
- Is the trap self-draining?
 - Is the approved trap installed properly?
 - Is the approved trap being maintained?



The Site Inspection

What to look for when inspecting individual BMPs.

Sd3 Temporary Sediment Basin

Purpose: To detain runoff waters and trap sediment from erodible areas.

What to look for:

- Has the Sd3 been properly stabilized?
- Is the emergency spillway installed?
- Is there a clean out marker?
- Does the Sd3 properly drain?
- Is the trash rack installed?
- Is the Sd3 being maintained?



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The Site Inspection

What to look for when inspecting individual BMPs.

Sd1 Sediment Barrier

Purpose:

To prevent sediment carried by sheet flow from leaving the site and entering natural drainage ways or storm drainage system by slowing the storm water runoff and causing the deposition of sediment at the structure.

Examples include:

- Hay or Straw Bales
- Silt Fence Type A, B and C

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The Site Inspection

What to look for when inspecting individual BMPs

What to look for:

- Has the right Sd1 been installed?
- Has the Sd1 been installed in an area of concentrated flow?
- Is the Sd1 being maintained?



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The Site Inspection

What to look for when inspecting individual BMPs.

Vegetative cover is the principal means used to stabilize soil surfaces. When the proper vegetation is selected and maintained, vegetative cover provides inexpensive, long-term protection with moderate maintenance.

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The Site Inspection

What to look for when inspecting individual BMPs.

When inspecting the site look to see:

- Is the vegetation being used appropriate for the soil conditions and slope?
- Is the vegetation being maintained?
- Is the vegetation subject to high velocity flow?

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The Site Inspection

What to look for when inspecting individual BMPs.

Ds1 Disturbed Area Stabilization
(with mulching only)

Purpose:

To reduce runoff and erosion, conserve moisture, prevent surface compaction or crusting, control undesirable vegetation, modify soil temperature, and increase biological activity in the soil.

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The Site Inspection

What to look for when inspecting individual BMPs.

Ds1 Disturbed Area Stabilization (with mulching only)

What to look for:

- Has mulch been applied to all areas within 14 days of disturbance?
- Has the mulch been applied to the appropriate depth?
- Has the mulch been anchored?
- Is the mulch older than 6 months, does it need to be refreshed?



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The Site Inspection

What to look for when inspecting individual BMPs.

Ds2 Disturbed Area Stabilization

(with temporary seeding)

Purpose:

To reduce runoff and sediment damage of down stream resources, protect the soil surface from erosion, improve wildlife habitat, improve aesthetics, improve tilth, infiltration, and aeration, as well as organic matter for permanent plantings.

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The Site Inspection

What to look for when inspecting individual BMPs.

Ds2 Disturbed Area Stabilization

(with temporary seeding)

What to look for:

- Is the right variety of grass being planted for the particular season?
- Will this variety of grass be in place less than six months?



27

The Site Inspection

What to look for when inspecting individual BMPs.

Ds3 Disturbed Area Stabilization (with permanent vegetation)

Purpose:

- To protect the soil surface from erosion, reduce damage from sediment and runoff to down-stream areas, improve wildlife habitat, visual resources, and improve aesthetics.

28

The Site Inspection

What to look for when inspecting individual BMPs.

Ds3 Disturbed Area Stabilization (with permanent vegetation)

What to look for:

- Is 100% of soil surface covered with permanent vegetation with a 70% density or greater?



29

The Site Inspection

What to look for when inspecting individual BMPs

Mb Matting and Blankets

Purpose:

- To provide a microclimate which protects young vegetation and promotes its establishments.
- To reinforce the turf to resist forces of erosion during storm events.

30

The Site Inspection

What to look for when inspecting individual BMPs

Mb Matting and Blankets

What to look for:

- Is the Mb installed according to the plan?
- Is the Mb anchored properly?
- Is there any dislocation or failure?



31

Enforcement

Written warnings for first and second violations.

- Permittees have 5 days to take corrective action

Stop Work Order for:

- Third violation
- Working w/o LDA permit
- Buffer violation
- Danger to public health

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Handling Violations

The inspection records written by an inspector are the basis for enforcement and civil penalties.

Remember to:

- Write a report for every inspection of a site.
- Take a substantial amount of pictures
- Always write inspection reports while you are on site.

This is also important for private inspectors (consultants), Because this documentation will be their client's best defense in the event of a violation.

33

Human Relations

As an inspector you will be dealing with a wide range of people. To be effective, you must follow the law and be fair and consistent when enforcing it.

You must carry yourself in a professional manner.



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Dealing with Difficult People

An inspector will often have to handle heated situations and often times you will not have time to prepare a response and you must resolve the situation immediately.



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Dealing with Difficult People

Key Steps:

1. Maintain a friendly and professional attitude

- Don't argue with the person.
- Show you have interest in their problem and state that you would like to help solve it.
- Do not let their anger get to you.
- Do not take what the person says personally.

36

Dealing with Difficult People

Key Steps:

2. Acknowledge that a difficult situation exists

- Show that you take the complaint seriously. Choose words carefully and use a tone that demonstrates understanding.
- Respond to what the person is saying.
- If an apology is in order, apologize only for the specific incident.

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Dealing with Difficult People

3. Calm the individual by questioning and verifying

- Demonstrate you are willing to work with the person.
- Do not assume you understand the problem at hand, ask site specific questions.
- Give the person responses to show that you understand the problem.
- Be sure that you and the person fully understand the problem.

38

Dealing with Difficult People

4. Involve the person in solving the problem

- Ask the person to help you solve the problem.
- Request suggestions and offer your assistance to help correct the situation.
- Explain the law and regulations and reasoning behind it.
- Continue to ask questions to keep the person focused on the problem.

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Dealing with Difficult People

5. Handle the problem

- Be positive.
- Focus on the most feasible solution.
- Decide on a follow-up action to ensure the problem has been resolved.

Appendix 8-A
Florida Erosion and Sediment Control Inspector's Manual

40

Enforcement Procedures Witness Guidelines

How to prepare to offer testimony in court:

- Review project file
- Review field notes
- Know strengths and weaknesses of documentation
- Practice testimony

41

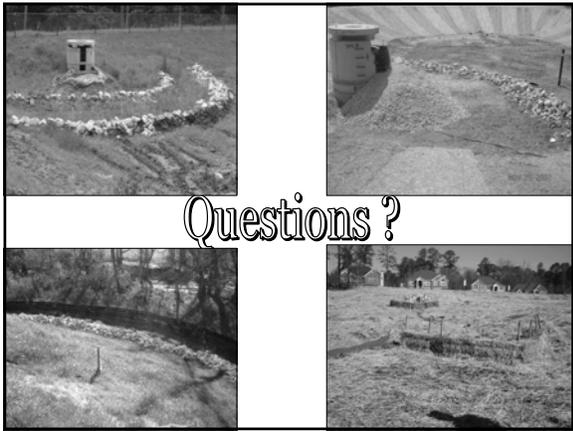
Enforcement Procedures Witness Guidelines

Witness Conduct:

- Professional appearance and dress
- Avoid distracting mannerisms
- Do not give memorized answers
- Be serious and respectful
- Speak clearly and loudly
- Listen carefully to the questions asked of you
- Answer directly and simply
- Give only facts not opinions
- Always tell the truth

Appendix 8-B
Florida Erosion and Sediment Control Inspector's Manual

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Insert Tab Page:

Tab 4. Common Issues On Site

Back of tab

Common Issues on Site



*Re-certification Training
For Level IB Advanced Fundamentals
Certified Inspector*

Issued May 2009

1

Overview

1. Maintenance
2. BMPs not installed according to approved set of plans
3. BMPs not installed per specifications from the Manual for Erosion and Sediment Control in Georgia

2

Maintenance

- Ds1 (Disturbed area stabilization with mulching)
 - Check for 90% cover or greater of the soil surface
 - Not older than six months
 - Has proper depth for type of mulch used

3

Maintenance

- Ds2 (Temporary seeding)
 - Temporary summer grasses need to be replanted with winter grasses for adequate coverage and vice versa.

4

Maintenance

- Ds3 (Stabilization with permanent vegetation)
 - 100% of the soil surface is uniformly covered in permanent vegetation or equivalent permanent stabilization measures such as
 - Rip rap
 - Gabions
 - Permanent mulches
 - Geotextiles
 - with a density of 70% or greater

5

Maintenance

- Ds4 (Stabilization with sodding)
 - Re-sod areas where adequate stand of sod is not obtained
 - New sod should be mowed sparingly
 - Grass height should not be cut less than 2"-3" or as specified
 - Fertilize grasses in accordance to soil tests

6

Maintenance

- Sd 1 (Sediment Barrier)
 - Sediment shall be removed once it has accumulated to one-half the original height of the barrier.
 - Filter fabric shall be replaced whenever it has deteriorated to such an extent that the effectiveness of fabric is reduced (approximately six months).

7

Silt fence in need of maintenance



8



Maintenance

- Co (Construction Exit)
 - The exit shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way.

10





12

Maintenance

- Rt (Retrofitting)
 - Retrofit structures shall be kept clear of trash and debris.
 - Will require continuous monitoring and maintenance, which includes sediment removal when one-third of the sediment storage capacity has been lost.
 - The structure is temporary on a permanent storm water structure.
 - Retrofit must be removed after permanent stabilization.

13

Retrofitted structure in need of maintenance



14

Maintenance

Sd3 (Temporary Sediment Basin)

- Repair all damages caused by soil erosion or construction equipment at or before the end of each working day.
- Sediment shall be removed from the basin when it reaches the specified distance below the top of the riser (1/3 full).
- Sediment shall not enter adjacent streams or drainage ways during sediment removal or disposal.



15

This example shows the clean out elevation as should be shown on the details for an Sd3

Volume	
1. Compute minimum required storage volume (V_s)	$V_s = 67 \text{ cy/ac} \times 18.1 \text{ acres} = 1212.7 \text{ cy}$
2. Compute volume of basin at clean-out (V_c)	$V_c = 22 \text{ cy/ac} \times 18.1 \text{ acres} = 398.2 \text{ cy}$
3. Determine elevation corresponding to minimum required storage volume, V_s	Minimum riser crest elevation = 1052.5 ft (determined by stage/storage relationship)
4. Determine elevation corresponding to clean-out volume, V_c	Clean-out elevation = 1051.2 ft (determined by stage/storage relationship) <i>Note: Clean-out elevation shall be clearly marked on the riser or marked by a post near the riser.</i>
5. Compute length of riser	Riser length = Minimum elevation of riser crest - Lowest elevation of pipe at riser Riser length = 1052.5 ft - 1050.0 ft Riser length = 2.5 ft

16



17

Maintenance

- St (Storm Drain Outlet Protection)
 - Inspect riprap outlet structures after heavy rains to see if any erosion has taken place or if stones have dislodged. Immediately make all needed repairs to prevent further damage.

18

Storm drain outlet protection in need of maintenance



19

Good St outlet protection



20

Maintenance

- Sd2 (Inlet Sediment Trap)
 - The trap shall be inspected daily and after each rain and repairs made as needed.
 - Sediment shall be removed when the sediment has accumulated to one-half the height of the trap.
 - Sediment shall be removed from curb inlet protection immediately.

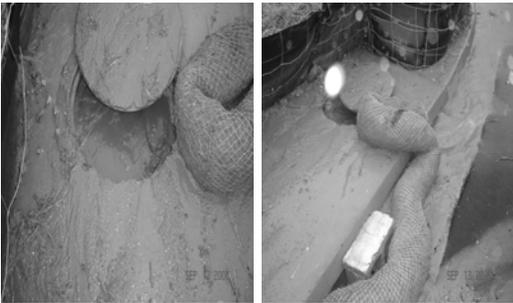
21

Inlet sediment trap in need of maintenance



22

Inlet sediment trap in need of maintenance





24

Maintenance

- Sd2 (Excavated Inlet Sediment Trap)
 - Sediment shall be removed when one-half of the sediment storage capacity has been lost to sediment accumulation.

25



26

Maintenance

- Rd (Rock Filter Dam)
 - Rock dams should be removed once disturbed areas have been stabilized.
 - Sediment shall be removed at one-half of the original height of the dam.
 - Periodic inspection and maintenance must be provided.

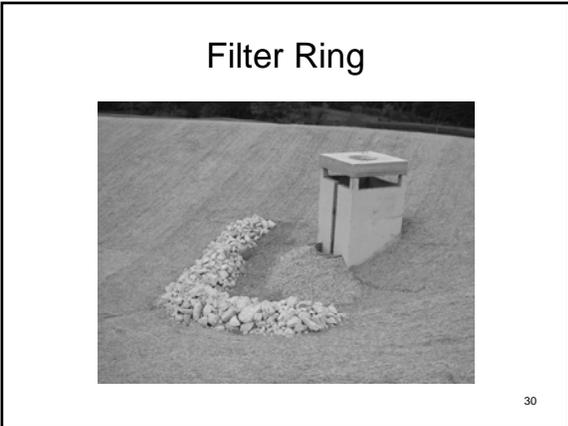
27



Maintenance

- Fr (Filter Ring)
 - The filter ring must be kept clear of trash and debris. This will require continuous monitoring and maintenance, which includes sediment removal when one-half full.
 - Structures are temporary and should be removed when the land disturbing project has been stabilized.

29



Maintenance

- Dn1 (Temporary Downdrain Structure)
 - Inspect the slope drain and supporting diversion after every rainfall and promptly make necessary repairs.
 - When the protected area has been permanently stabilized and the permanent stormwater disposal system is fully functional, temporary measures may be removed, materials disposed of properly, and all disturbed areas stabilized appropriately.

31



Good Dn1



33

What to look for during an inspection

- Check the permit box
 - Is the permit posted?
 - Are the plans on site?
 - If the plans are on site are they an approved set of plans?



34

What to look for during a site inspection

- Look at the plan
 - Know the low lying areas
 - Are the perimeter BMPs in compliance?
 - Are the sediment ponds in need of maintenance?



35

What to look for during an inspection

- State Waters
 - Know who makes the call
 - In areas where there is a local issuing authority the local issuing authority makes the call
 - In areas where there is no local issuing authority the Environmental Protection Division makes the call
 - Know the different types of state waters that require buffers
 - Perennial
 - Intermittent
 - Ephemeral

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What to look for during an inspection

- State waters
 - Perennial stream
- A stream that flows in a well-defined channel throughout most of the year under normal climatic conditions.



Coastal Perennial



North Georgia Perennial



Piedmont Perennial

What to look for during an inspection

- State Waters
 - Intermittent Stream
- A stream that flows in a well-defined channel during the wet seasons of the year but not the entire year.



Coastal Intermittent



North Georgia Intermittent



Piedmont Intermittent

What to look for during an inspection

- State waters
 - Ephemeral
- A stream that typically has no well-defined channel, and which flows only in direct response to precipitation with runoff.



North Georgia Ephemeral



Coastal Ephemeral



Piedmont Ephemeral

What to look for during an inspection

- Check the buffers
 - Is there sediment entering state waters?
 - Is there a state waters buffer encroachment?
 - Check LIA's buffer (If greater than the state buffer)
 - Check the state buffers
 - As an inspector be aware of other buffers which maybe required by LIA's like zoning buffers

40

What to look for during an inspection

Know the drainage area throughout the project.

(Where the water flows)

- Are the BMPs properly installed, maintained?
- Is the project in compliance with the permit?



41

What are the codes

- Know your ordinance
- Know the State law
 - What are the most commonly cited sections when writing citations?
 - Will the citation end up in court?

42

Examples of fines for different citations

- Unlawful continuance
 - Section 12-7-12 of O.C.G.A.
Subsection C, # 3
 - Example of fines
 - \$1500 1st offense + \$550.00 court cost
 - \$2500 2nd offense + court costs
 - 3rd offense - !!!!!!! Differs upon situation (not pretty)

43

Unlawful Continuance

- Section 12-7-12 of O.C.G.A.
Subsection C, # 3
- All stop work orders shall be effective immediately upon issuance and shall be in effect until the necessary corrective action or mitigation has occurred

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Example Unlawful Continuance



Examples of Fines for different citations

- Failure to design, install and maintain BMPs
 - Section 12-7-6 O.C.G.A. subsection 3
 - Example
 - \$1000 1st offense + \$300.00 court cost
 - \$1500 2nd offense + court cost
 - 3rd offense or more !!!!!!!!!!!!!!! (wake up)

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Failure to design, install and maintain BMPs

- Section 12-7-6 O.C.G.A. subsection 3

Failure to properly design, install, or maintain, best management practices shall constitute a violation of any land-disturbing permit issued by LIA or by the division or of any general permit for construction activities issued by the division pursuant to subsection (f) of OCGA 12-5-30, the "Georgia Water Quality Control Act" for each day on which such failure occurs.

47

Examples of fines for different citations

- Failure of BMPs thus allowing silt to enter state waters
 - Section 12-7-12 of OCGA Subsection C #1
 - Example:
 - \$1500 1st offense + \$550 court cost
 - \$2500 2nd offense + court cost

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Failure of BMPs thus allowing silt to enter state waters

– Section 12-7-12 of OCGA
Subsection C #1

- If the violation presents an imminent threat to public health or waters of the state, the director or issuing authority shall issue an immediate stop work order in lieu of a warning.

49



50

Examples of fines for citation

- Buffer Encroachment

– Section 12-7-6
Subsection 15 A

Example:

\$1500 1st offense + \$550 court cost

\$!!!! 2ND offense + court cost

If a buffer encroachment was at all cited on the first occurrence, it rarely appears twice in the same spot.

51

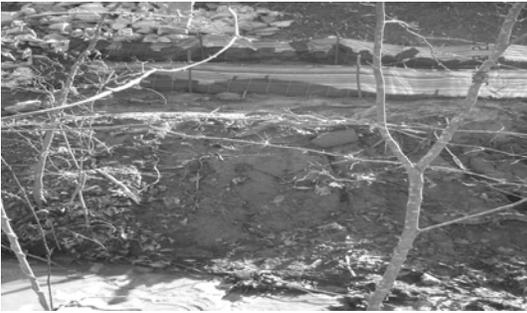
Buffer Encroachment

– Section 12-7-6
Subsection 15 A

- No land-disturbing activities shall be conducted within a buffer, and a buffer shall remain in its natural, undisturbed, state of vegetation until all land-disturbing activities on the construction site are completed.

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Buffer Encroachment





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Example of fines for citations

- Conducting land disturbance activities without a permit
 - Section 12-7-7 O.C.G.A.
Subsection A
- Example:
\$1000 + \$300 court cost

55

Conducting land disturbance activities without a permit

- Section 12-7-7 O.C.G.A.
Subsection A
- No land disturbing activities shall be conducted in this state, except those land-disturbing activities provided for in Code Section 12-7-17, without the property owner where the land-disturbing activity will occur first securing the permit required by this Code Section.

56

BMPs not installed according to the approved plans

- Every site must have an approved set of plans. Plans should be on site and followed at all times.
- If the approved plan no longer meets the conditions of the site it is the responsibility of the primary permittee contact the design professional and have the plans amended.
- If there is a significant change or a change made regarding the hydraulic component the revised plan must be submitted to the appropriate authority for review.

57

WHAT SHOULD BE DONE IN THIS SITUATION?

- Example: John Smith grading company is preparing to develop the site. The plan shows:
 - Sd3s on the initial, intermediate and final phases.
 - Huge cut and fill slopes, which would cause the site to slope to the left where there is already a Sd3.
 - The plan does not address the LIA storm water ordinance which would require a storm water pond with a Rt.

58

What to do next

- Have the primary permittee meet with the design professional to make changes to the plans so it addresses the appropriate amounts of discharge.
- Have the primary resubmit the plans for review, since changes to the hydraulic component are necessary.

59

BMPs not being installed per specifications

- The Manual for Erosion and Sediment Control in Georgia has design criteria for each BMP on the approved plans along with the details on the plans.
- These details need to be followed when installed.

60

Most common BMPs not installed correctly

Cd (Check dams)

- Often times the stones are left as they are when dumped, leaving the center of the check dam higher than the sides. This diverts water around the sides causing more erosion and ultimately more costs to the developer.

61

Most common BMP's not installed correctly

- Co (Construction Exit)
 - Is often seen without underlayment fabric. This allows the rock to sink with high traffic causing more mud to get on the road.



62

Most common BMPs not installed correctly

Sd3 (Temporary Sediment Basin)

- These sediment storage structures are commonly seen but seldom installed correctly
- This is because the emergency spillways are very seldom installed correctly, if at all.
- Solution: Put in the emergency spillway with the underlayment fabric under the rock. These details are to be shown with every Sd3 calculation



63

What is wrong with this picture?



64



Before any work has been done



During



- These most common BMPs are easily taken care of when installed correctly.
- Proper installation and maintenance is key.
- A few extra minutes could save you hours in the future.

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Insert Yellow Sheet

Back of Yellow Sheet



Field Guide for Determining The Presence of State Waters That Require a Buffer



Georgia Department of Natural Resources
Environmental Protection Division
Watershed Protection Branch
NonPoint Source Program

This guidance is based on the Georgia Erosion and Sedimentation Control Rules (Rules), 391-3-7, promulgated under the Georgia Erosion and Sedimentation Act (Act), O.C.G.A. 12-7.

The Act defines State Waters as "any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells and other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the State, which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation."

This guidance only addresses the identification of rivers, streams, creeks and branches that require a buffer. The State-mandated buffer requirements apply to all State Waters that require a buffer (i.e., have wretched vegetation by normal stream flow).

The definition of Normal Stream Flow that is used in this document is found in the definition of Stream Bank in the Rules, and only applies to non-trout streams. Streams that have Normal Stream Flow as defined in the Rules have characteristics that are not normally associated with ephemeral streams.

STEPS FOR DETERMINING THE PRESENCE OF STATE WATERS AND BUFFER REQUIREMENTS ON A SITE

Please note that this guidance is primarily written to assist local issuing authorities with their determinations of State Waters and buffer requirements. However, it is also a tool for plan preparers and environmental consultants to use in the preparation of accurate Erosion, Sedimentation and Pollution Control Plans.

- Step 1 Review the topography of the Erosion, Sedimentation and Pollution Control Plan for natural or artificial features that may indicate the presence of State Waters.
- Step 2 Walk the site in order to identify State Waters as defined.
- Step 3 Begin the inspection at one end of the potential State Waters and walk the entire length of the State Waters until it exits the property.
- Step 4 Examine the drainage feature using this field guide to determine whether the feature is perennial, intermittent or ephemeral. If the drainage feature is determined to be perennial or intermittent, then a State-mandated buffer exists. If the drainage feature appears to be ephemeral then go to Step 5 to make a final determination. If the identified feature is a salt marsh, then Georgia Department of Natural Resources (DNR), Coastal Resources Division should be contacted for the delineation of the DNR jurisdictional line (point from which the buffer is measured).

- Step 5 If base flows are present during the site inspection, the stream is either perennial or intermittent and will require a buffer. If the site is visited during a dry phase and base flows are not evident, the drainage may be ephemeral or intermittent. If there is no flowing water within 24 hours of a rain event, then the drainage feature is probably ephemeral. NOTE: Ephemeral non-trout streams do not require buffers so great care should be exercised when conducting field investigations for ephemeral and intermittent stream determinations. In such conditions inspections must be accomplished by professionals trained or otherwise familiar with methods used to determine whether the stream is in a season when base flows may not be observable, or if the stream is ephemeral and simply flows in direct response to precipitation. The ephemeral stream guidance should be used to make the final determination as to whether the stream is ephemeral.
- Step 6 If there is still a question about base flow after Step 5 is completed, then the "North Carolina Division of Water Quality Stream Identification Method, Version 3.0" (or most current version) should be used to verify whether or not base flow is present.
- Step 7 The determination should be documented in writing.

DEFINITIONS

- a. "Base Flow" means the discharge that enters a stream channel mainly from groundwater, but also from lakes during periods when no precipitation occurs.
- b. "Buffer" means the area of land immediately adjacent to the banks of State Waters in its natural state of vegetation, which facilitates, when properly vegetated, the protection of water quality and aquatic habitat (O.C.G.A. 12-7-3(2)).
- c. "Ephemeral Stream" means a stream that typically has no well defined channel, and which flows only in direct response to precipitation with runoff.
- d. "Intermittent Stream" means a stream that flows in a well-defined channel during wet seasons of the year but not for the entire year.
- e. "Land Disturbing Activity" means any activity which may result in soil erosion and the movement of sediments into State Waters or onto lands within the State, including but not limited to grubbing, dredging, grading, excavating, transporting, and filling of land, but not including those practices to the extent described in O.C.G.A. 12-7-17 (O.C.G.A. 12-7-3(9)).
- f. "Normal Stream Flow" for non-trout waters only, means any stream flow that consists solely of base flow or consists of both base flow and direct runoff during any period of the year. Base flow results from ground water that enters the stream channel through the soil. This includes spring flows into streams. Direct runoff is the water entering stream channels promptly after rain falls or snow melts (Rule 391-3-7-.01(w)).
- g. "Perennial Stream" means a stream that flows in a well-defined channel throughout most of the year under normal climatic conditions.
- h. "State Waters" include any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells, and other bodies of surface or subsurface water, natural and artificial, lying within or forming a part of the boundaries of the State which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation, except as may be defined in O.C.G.A. 12-7-17(8) (O.C.G.A. 12-7-3 (16)).
- i. "Stream Bank" means the confining cut of a stream channel and is usually identified as the point where the normal stream flow has wrested the vegetation (Rule 391-3-7-.01(w)).
- j. "Typical/Average Year" means a year in which the observed base flow and rainfall quantity is approximately equal to the long-term average.
- k. "Wrested Vegetation" means movement of water that removes soil, debris and vegetation, creating a clear demarcation between water flow and vegetative growth.

Please note the following:

- The definition of Normal Stream Flow that appears in this guidance applies only to non-trout streams. **Ephemeral trout streams are not exempt from buffer requirements, but may be eligible for the General Stream Buffer Variance in 391-3-7-.05(9) of the Erosion and Sedimentation Control Rules.** Refer to the Georgia Water Quality Control Rules (391-3-6-.03) for a listing of trout streams.
- Buffer requirements are included in the General NPDES Permit for Storm Water Discharges from Construction Activities.
- Contact DNR, Coastal Resources Division for guidance involving any land disturbing activity in marshland areas.
- State Waters may also be classified as Waters of the U.S., and may require a U.S. Army Corps of Engineers Section 404 permit.

PERENNIAL STREAM CHARACTERISTICS



North Georgia Perennial



Piedmont Perennial



Coastal Perennial

All perennial streams flow throughout the year in a normal climatic year. Site inspections should result in visually discernible stream flows as evidence of base flow contribution between rain events, even in low flow conditions. After confirming perennial flow regimes, the presence of one or more of the following characteristics indicates that the drainage feature is a perennial stream:

1. Base flow that maintains stream flow throughout the year under normal circumstances.
2. Well-developed stream banks and channels include riffles/pools.
3. A channel that is almost always sinuous (winding, snake-like, etc.). The degree of sinuosity is specific to physiographic regions. For example, in geographic regions that have mountainous terrain, or in the coastal plain where many streams have been channelized, the channels are less sinuous.
4. Evidence of fluctuating high water marks (flood prone width) and/or sediment stained leaves, bare ground, and/or drift lines.
5. Evidence of soil and debris movement (scouring) in the stream channel. Leaf litter is usually transient or temporary in the flow channel.
6. Wetland or hydrophytic vegetation is usually associated with the stream channel. However, perennial streams with deeply incised or "down-cut" channels will usually have wetland vegetation present along the banks or flood-prone zone. Examples include sedges, rushes, mosses, ferns, and the riparian grasses, shrubs and other woody species.
7. Stream bank soils with hydric conditions, including dominant black/gray colors evident in the exposed stream bank profiles at or above the low flow conditions.
8. Exposure of rock or gravel or sand in a continuous or nearly continuous low lying channel.

INTERMITTENT STREAM CHARACTERISTICS

After confirming whether base flows are seasonally present, one or more of the following characteristics indicates that the drainage feature is an intermittent stream:



North Georgia Intermittent



Piedmont Intermittent



Coastal Intermittent

1. Well-developed stream bank and defined channel. Riffles/pools channel morphology is evident.
2. Evidence of fluctuating high water marks (flood prone width) and/or sediment deposits, sediment stained leaves, bare ground and/or drift lines.
3. Evidence of soil and debris movement (scouring) in the stream channel. Leaf litter is usually transient or temporary in the flow channel.
4. Wetland or hydrophytic vegetation is usually associated with the stream channel or flow area. Intermittent streams with deeply incised or "down-cut" channel will usually have wetland vegetation present along the banks or flood prone zone. Examples include sedges, rushes, mosses, ferns, and the riparian grasses, shrubs and other woody species.
5. Exposure of rock or gravel or sand in a continuous or nearly continuous low lying channel.
6. In the coastal plain, the soils may be sandy with veins of black.
7. Presence of crayfish burrows or chimneys.
8. The presence of aquatic insects (in any life phase) or fish. (For help identifying insects as aquatic, use the GA Adopt-A-Stream Aquatic Macroinvertebrate Field Guide, www.georgiaadoptastream.com)
9. Presence of buttressed trees.

EPHEMERAL STREAM CHARACTERISTICS



North Georgia Ephemeral



Piedmont Ephemeral



Coastal Ephemeral

The most reliable method for differentiating between intermittent and ephemeral stream types during drier conditions requires investigation of the stream bank (i.e., from the stream bed to the top of the bank).

Intermittent stream banks typically are dominated by soils with hydric indicators, such as: visually confirmed oxidized rhizospheres in the stream bank, matrix of gray or black soils, reducing conditions present and confirmed by a redox meter, or the stream banks otherwise include indicators of hydric soils as determined by the most current list of Regional Indicators of Soil Saturation as produced by the National Technical Committee for Hydric Soils.

Ephemeral streams usually have poor channel development and lack groundwater-induced base flows that normally result in hydric soils dominating the banks of intermittent and perennial streams.

The prerequisite for a drainage feature to be classified as ephemeral is there must be no evidence of base flows in the stream bank (see methods discussed in intermittent stream characteristics). After meeting the prerequisite above, the presence of one or more of the following characteristics indicates that the drainage feature is an ephemeral stream:

1. Poorly developed stream banks.
2. Absence of riffles/pools.
3. A flow area that is almost always straight and either "flattens" out at the bottom of the slope or grades into intermittent or perennial streams.
4. Fluctuating high water marks (flood prone width) and/or sediment transport are usually absent.
5. Evidence of leaf litter and/or small debris jams in the flow areas.
6. Usually sparse or no wetland (hydrophytic) vegetation present.
7. Side slope soils with characteristics typical of the surrounding landscape. Soil texture usually more loamy than the surrounding upslope landscape and usually has a clay subsurface.

BRAIDED CHANNELS



Buffers for braided channels such as those pictured above are measured from the point where vegetation is wrested from the outside channel of the braided system.

CONCRETE CHANNEL



Concrete channels are examples of drainage features that usually do not require a buffer due to lack of "wrested vegetation."

NOTES

- This guidance does not change or modify any requirements in the Erosion and Sedimentation Act of 1975 O.C.G.A. 12-7 or DNR Rules on Buffer Variance Procedures and Criteria 391-3-7-05, as amended.
- Copies of the Georgia Erosion and Sedimentation Act (O.C.G.A. 12-7), the Erosion and Sedimentation Control Rules (391-3-7) and the Water Quality Control Rules (391-3-6) can be found at www.gaepd.org.



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Insert Tab Page:

Tab 5. Resource Information

Back of tab

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Region 6

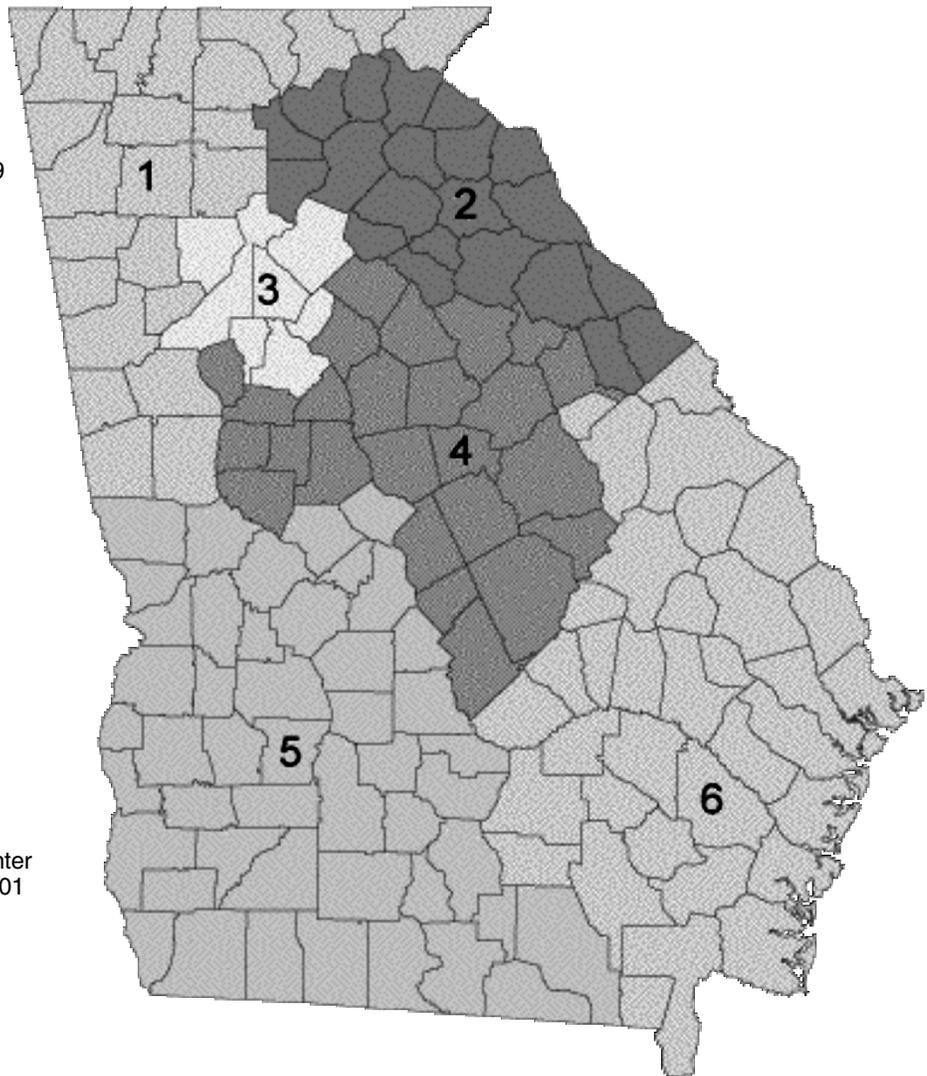
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Diane Clark, Administrative Asst
770-761-3020 FAX: 770-761-3022

Keegan Malone, Region IV
Regional Representative
3014 Heritage Rd Ste 1
Milledgeville GA 31061

TJ Oneal, Resource Specialist

Andrew Dyar, 319 Project
Coordinator Little River

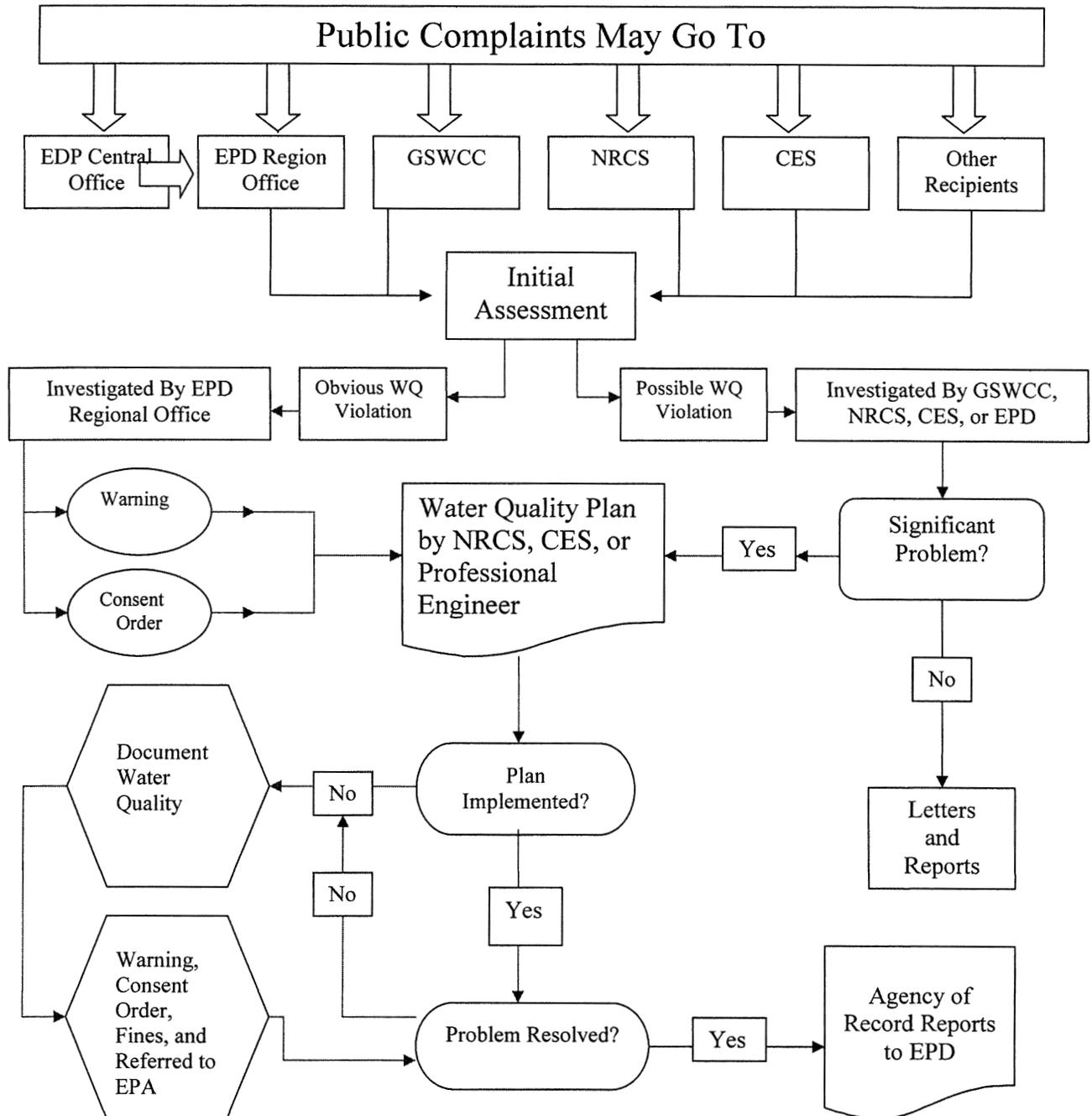
Paula Dillard, Administrative Asst
478-445-5766 FAX: 478-445-4913

E&SC County Coordinator
1113 Usher Street
Covington GA 30014
770-784-2033 FAX: 770-784-2034

Jack Rattray, Irrigation Specialist
David Hall, Engineering Tech
Brian Horne, Irrigation Tech
P O Box 501
125 2nd Street
Cochran GA 31014
478-934-7299 FAX: 478-934-3090

Ben Mosely, Region V
Regional Representative
4344 Albany Hwy
Dawson GA 39842
229-995-6001 FAX: 229-995-5605

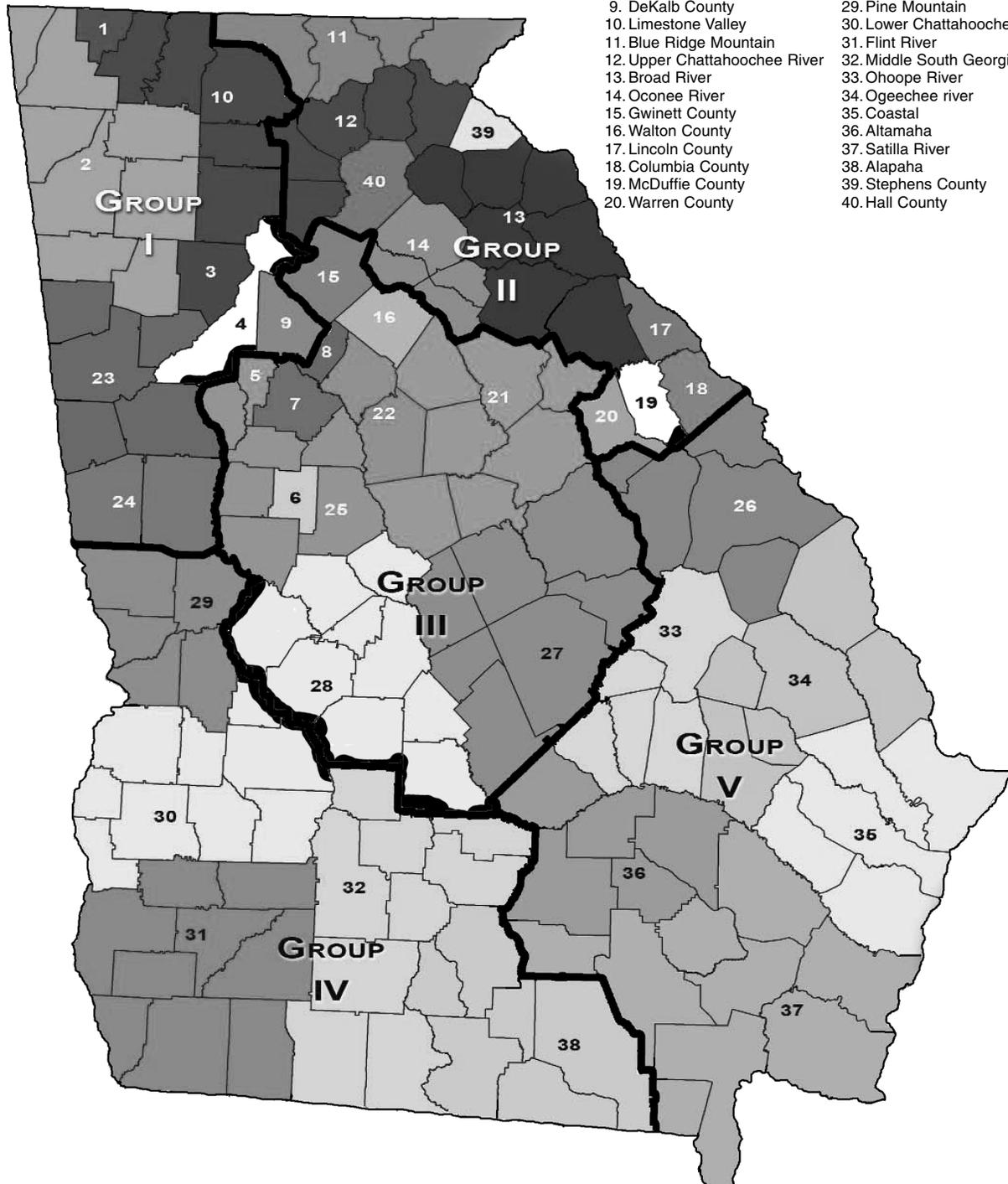
Agricultural Complaint Procedures



Conservation Districts

Georgia Soil and Water Conservation Commission

- | | |
|-------------------------------|-------------------------------|
| 1. Catoosa County | 21. Piedmont |
| 2. Coosa River | 22. Upper Ocmulgee River |
| 3. Cobb County | 23. West Georgia |
| 4. Fulton County | 24. Roosevelt |
| 5. Clayton County | 25. Tawaliga |
| 6. Lamar County | 26. Brier Creek |
| 7. Henry County | 27. Central Georgia |
| 8. Rockdale County | 28. Ocmulgee River |
| 9. DeKalb County | 29. Pine Mountain |
| 10. Limestone Valley | 30. Lower Chattahoochee River |
| 11. Blue Ridge Mountain | 31. Flint River |
| 12. Upper Chattahoochee River | 32. Middle South Georgia |
| 13. Broad River | 33. Ohoope River |
| 14. Oconee River | 34. Ogeechee river |
| 15. Gwinett County | 35. Coastal |
| 16. Walton County | 36. Altamaha |
| 17. Lincoln County | 37. Satilla River |
| 18. Columbia County | 38. Alapaha |
| 19. McDuffie County | 39. Stephens County |
| 20. Warren County | 40. Hall County |



Environmental Protection Division
Erosion and Sediment Control Contact Information

Watershed Protection Branch
 NonPoint Source Program
 4220 International Parkway, Suite 101
 (404) 675-6240

ENVIRONMENTAL MANAGEMENT DISTRICTS

Mountain District	Atlanta	(404) 362-2671	Mountain District	Cartersville	(770) 387-4900
Northeast District	Athens	(706) 369-6376	Southwest District	Albany	(229) 430-4144
West Central District	Macon	(478) 751-6612	East Central District	Augusta	(706) 792-7744
Coastal District	Brunswick	(912) 264-7284	Coastal District	Savannah	(912) 353-3225



Georgia Department of Transportation

6/1/2007

Name	Room #	Phone Number	Fax Number	Office
Commissioner and Special Staff				
Harold Linnenkohl	102	(404) 656-5206	(404) 657-8389	Commissioner
Buddy Gratton, P.E.	108	(404) 656-5212	(404) 657-0193	Deputy Commissioner
David Studstill	122	(404) 656-5277	(404)463-7991	Chief Engineer
Kim Cameron	102	(404) 656-5206	(404) 657-8389	Confidential Assistant to Commissioner
Mike Dover	104	(404) 656-5206	(404) 657-8389	Executive Assistant to the Commissioner
Glenn S. Bowman		(404) 651-8355	(404) 463-7911	Executive Assistant to the Chief Engineer
Karlene Barron	315	(404) 463-6464	(404) 656-6927	Communications Administrator
Mike Malcom		(770) 785-6947	(770) 785-6955	Statewide Equipment Management; (7565 Honeycreek Ct., Lithonia, GA 30058)
Mike Johnson	270	(404) 656-5260	(404) 657-5792	Personnel Director
Terry Gable	201	(404) 656-5185	(404) 657-3300	State Aid Administrator
Brian Summers 2	66	(404) 656-6843	(404) 463-6131	Project Review Engineer
Leigh Priestley		(404) 463-1049	(404) 463-3045	Bureau of Environmental Compliance
Elizabeth Osmon	106	(404) 656-5211	(404) 657-0193	DOT Board Secretary
Treasurer				
Earl Mahfuz	148	(404) 656-5224	(404) 463-6026	Treasurer
Chris Jones	416-D	404-463-5468		Executive Assistant to the Treasurer
Dave Carmichael		(404) 699-4483	(404) 699-448	6Air Transportation Administrator; (4175 S. Airport Rd., Atlanta 30336)
Beryl Renfro	301	(404) 656-5598	(404) 657-4278	Trans. Accts. Adm. - Audits
Chip Meeks	143	(404) 463-6029		Office of General Support Adm.
Jim Davis		(404) 656-5181	(404) 657-5193	Strategic Development Administrator 276 Memorial Dr. Atlanta, GA 30303
Administration Division				
Meg Pirkle	143	(404) 656-5239		Administration Director
Angela Robinson	150	(404) 656-5237	(404) 463-6026	Budget Administrator
Dawn Maddox	169	(404) 656-5566	(404) 657-0174	Trans. Accts. Adm - General Accounting
Jamie Simpson	170	(404) 463-2799		Financial Management Adm.
Construction Division				
Greg Mayo	134	(404) 656-5207	(404) 657-5810	Director of Construction
David Hoge	223	(404) 656-5325	(404) 651-6540	State Trans. Office Eng. - Contract Adm.
Matthew Cline	209	(404) 656-2106	(404) 656-9726	Trans. Eng. Adm. - Construction Claims
Georgene Geary		(404) 363-7512	(404) 363-7684	State Materials & Research Adm.; (15 Kennedy Dr., Forest Park 30297)
Randall Lee Hart	237	(404) 656-5306	(404) 657-0783	State Construction Engineer
EEO Division				
Michael Cooper	142	(404) 656-5323	(404) 656-5509	Director of E.E.O.
John Kirkpatrick	142	(404) 463-4280	(404) 656-5509	E.E.O. Asst. Administrator
Patricia Flowers	142	(404) 656-1710	(404) 656-5509	DBE Asst. Administrator

Field Districts Division

Russell McMurry		(770) 532-5526	(770) 532-5542	District #1/Gainesville (District Engineer)
Mike Thomas		(478) 552-4601	(478) 552-4677	District #2/Tennille (District Engineer)
Thomas Howell, P.E.		(706) 646-6500	(706)646-6584	District #3/Thomaston (District Engineer)
Joe Sheffield		(229) 386-3280	(229) 386-3612	District #4/Tifton (District Engineer)
Glenn Durrence		(912) 427-5711	(912) 427-5763	District #5/Jesup (District Engineer)
Kent L. Sager		(770) 387-3602	(770) 387-3653	District #6/Cartersville (District Engineer)
Bryant Poole		(770) 986-1001	(770) 986-1016	District #7/Chamblee (District Engineer)

Information Technology Division

Jeffery Hill	180	(404) 656-6034	(404) 651-7163	Director of Information Technology
Gary Blanton	179	(404) 656-6034	(404) 651-7163	Office of Infrastructure Administrator
Doug Chambers	West Annex	(404) 463-2860 ext. 103	(404) 463-2898	Office of I.T. Applications Administrator (276 Memorial Drive, Atlanta, Ga. 30303)
Tony Williams	183	(404) 656-6034	(404) 651-7163	Office of IT Business Practices

Legal Services Division

Sandra Burgess	333	(404) 657-5808	(404) 657-4781	Director of Legal Services
Kenneth Thompson	329	(404) 657-5806	(404) 657-4781	Legal Services Administrator

Operations Division

Steve Henry	TMC	(404) 635-8043	(404) 635-8001	Director of Operations (TMC--935 Confederate Ave. 30316)
David Crim	TMC	(404) 635-8734	(404) 635-8172	State Maintenance Engineer
Jeff Baker	TMC	(404) 635-8045	(404) 635-8066	State Utilities Engineer
Keith Golden	TMC	(404) 635-8038	(404) 635-8037	State Traffic Operations Engineer
TMC/General Information	TMC	(404) 624-1300	(404) 635-8001	(TMC--935 Confederate Ave. 30316)
Keith Golden	TMC	(404) 635-8115	(404) 635-8116	State Traffic Safety & Design Engineer
Kathleen Gibson	TMC	(404) 635-8176	(404) 635-8166	Oversize Permit Unit Administrator (1-800-570-5428)

Planning, Data & Intermodal Development Division

Gerald Ross	127	(404) 656-0610	(404) 656-0584	Director of Planning, Data and Intermodal
Angela Alexander	372	(404) 656-5411	(404) 657-5228	State Transportation Planning Adm.
Vacant	West Annex	(404) 651-9200	(404) 657-4221	Intermodal Programs Administrator;
Jane Smith	North Annex	(770) 986-1360	(770) 986-1139	State Transportation Data Administrator North Annex - Chamblee

Pre-Construction Division

Todd Long	129	(404) 656-5187	(404) 656-0584	Director of Preconstruction
Brent Story	444	(404) 656-5386	(404) 657-0653	State Road and Airport Design Engineer
Ben Buchan	356	(404) 656-5436	(404) 657-7921	State Urban Design Engineer
Paul Liles	258	(404) 656-5280	(404) 651-7076	State Bridge and Structural Design Engineer
Harvey Keepler		(404) 699-4401	(404) 699-4440	State Environmental/Location Engineer; (3993 Aviation Circle, Atlanta 30336)
Phil Copeland	409	(404) 656-5372	(404) 657-8482	State Right of Way Administrator
Babs Abubakari	433	(404) 463-6133	(404) 463-6136	State Consultant Design Engineer

Georgia Forestry Commission

Georgia Forestry Commission

5645 Riggins Mill Road
Dry Branch, Georgia 31020

P. O. Box 819
Macon, Georgia 31202-0819

478-751-3500
1-800-GA-TREES (428-7337)
Fax: 478-751-3465

Georgia Forestry Commission

Human Resources Department
6835 James B. Rivers/Memorial Drive
Stone Mountain, GA 30083

678-476-6220
Fax: (678) 476-6230

Forestry Departments

Communications	(478) 751-3530	Email: Kassie Odum
Forest Fire Protection • County Rangers	(478) 751-3488	Email: Carol Layton
Forest Management • County Foresters • Forest Health & Water Quality Foresters	(478) 751-3485	Email: Bonny Adams
Forest Marketing	(706) 867-2899	Email: Nathan McClure
Seedlings - Reforestation	(478) 751-3520	Email: Russ Pohl
Sustainable Community Forestry Program (SCFP) • Urban & Community Forestry Grant • SCFP Foresters	(706) 542-6880 (678) 476-6226	Email: Sherrie Gabriel Email: Joan Scales

State Managed Forests and Nursery

Baldwin State Forest	(478) 445-5164	
Bartram Educational Forest	(478) 445-2119	Email: Bartram
Brender-Hitchiti Forest	(478) 986-3914	
Dawson Forest	(706) 265-3707	Email: Tony Page
Dixon Memorial State Forest	(912) 287-6612	Email: Joe Wall
Flint River Nursery	(229) 268-7308	
Hightower Educational Forest	(706) 216-6073	Email: Hightower
Paulding Forest	(706) 265-3707	Email: Tony Page
Spirit Creek Educational Forest	(706) 790-2351	Email: Spirit Creek

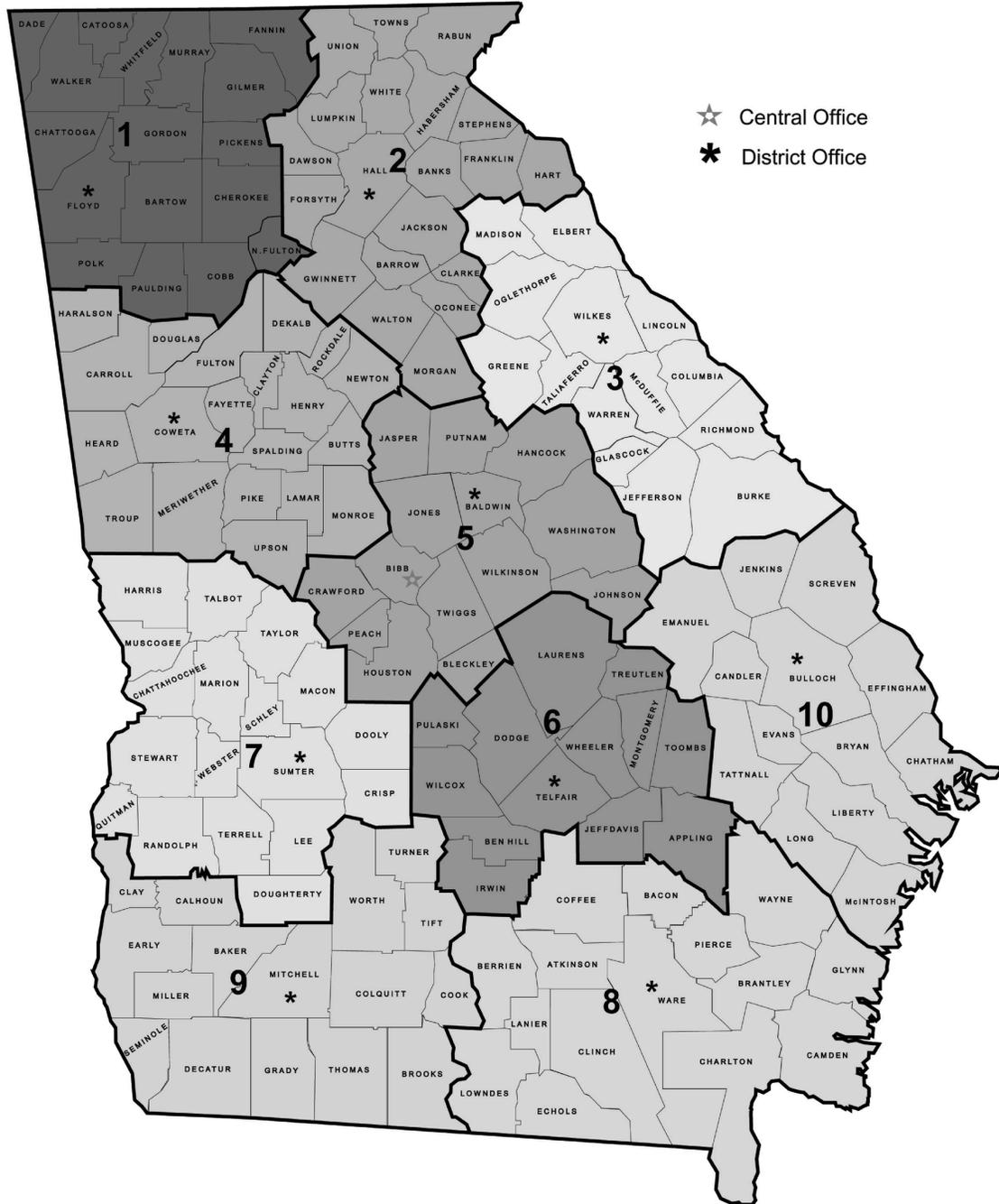
District Offices

Rome 3086 Martha Berry Hwy NE Rome GA 30165	706-295-6021/6022 706-295-6921	Forester: lkelley@gfc.state.ga.us Ranger: tfloyd@gfc.state.ga.us Secretary: scumming@gfc.state.ga.us
Gainesville 3005 Atlanta Hwy Gainesville GA 30507	770-531-6043/6048 770-531-4080	Forester: kmasten@gfc.state.ga.us Ranger: salexander@gfc.state.ga.us Secretary: jthomas@gfc.state.ga.us
Washington 1465 Tignall Rd Washington GA 30673	706-678-2015 706-678-1766	Forester: chargrove@gfc.state.ga.us Ranger: mmunns@gfc.state.ga.us Secretary: atreadwell@gfc.state.ga.us
Newnan 187 Corinth Rd Newnan GA 30263	770-254-7218 770-254-7371	Forester: jsibley@gfc.state.ga.us Ranger: wboston@gfc.state.ga.us Secretary: greid@gfc.state.ga.us
Milledgeville 119 Hwy 49 Milledgeville GA 31061	478-445-5164/5548 478-445-2897	Forester: tclymer@gfc.state.ga.us Ranger: gwilliams@gfc.state.ga.us Secretary: trsemmler@gfc.state.ga.us
McRae Route 1 Box 67 Helena GA 31037	229-868-3385 229-868-3387	Forester: ldefee@gfc.state.ga.us Ranger: jlassiter@gfc.state.ga.us Secretary: bsteele@gfc.state.ga.us
Americus 243 US Hwy 19 North Americus GA 31709	229-931-2436/2437 229-931-2762	Forester: cpritchett@gfc.state.ga.us Ranger: jconner@gfc.state.ga.us Secretary: pkennedy@gfc.state.ga.us
Waycross 5003 Jacksonville Hwy Waycross GA 31503	912-287-4915 912-284-2911	Forester: bwynn@gfc.state.ga.us Ranger: fsorrells@gfc.state.ga.us Secretary: jkent@gfc.state.ga.us
Camilla 3561 Hwy 112 Camilla GA 31730	229-522-3580/3581 229-522-3583	Forester: gfindley@gfc.state.ga.us Ranger: fsumner@gfc.state.ga.us Secretary: ljohnson@gfc.state.ga.us



5645 Riggins Mill Road
Dry Branch, GA 31020
1-800-GA-TREES (428-7337)
www.gatrees.org

Districts



Key NRCS Staff in Georgia

**State Public Affairs Specialist -
Mary Ann McQuinn**
Phone: 706 546-2069
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E-mail:mary.mcquinn@ga.usda.gov

**State Conservation Engineer -
Henry McFarland**
Phone: 706 546-2091
Fax: 706 546-2145
E-mail:henry.mcfarland@ga.usda.gov

**Assistant State Conservationist for Programs -
David Lamm**
Phone: 706 546-2083
Fax: 706 546-2120
E-mail:david.lamm@ga.usda.gov

**Soil Sciences/NRI Team Leader -
Edward Ealy**
Phone: 706 546-2079
Fax: 706 546-2145
E-mail:edward.ealy@ga.usda.gov

**Assistant State Conservationist for Operations -
Dorothy Harris**
Phone: 706 546-2097
Fax: 706 546-2120
E-mail:dot.harris@ga.usda.gov

**State Administrative Officer -
Sharon Gipson**
Phone: 706 546-2086
Fax: 706 546-2120
E-mail:sharon.gipson@ga.usda.gov

State Resource Conservationist - Vacant
Phone: 706 546-2009
Fax: 706 546-2275

**Plant Materials Team Leader -
Don Surrency**
Phone: 706 595-1339
Fax: 706 595-5025
E-mail:don.surrency@ga.usda.gov

**Water Resources Team Leader -
Jimmy Bramblett**
Phone: 706 546-2073
Fax: 706 546-2145
E-mail:jimmy.bramblett@ga.usda.gov

***Complete directory available online at
www.ga.nrcs.usda.gov

Georgia NRCS Administrative Areas

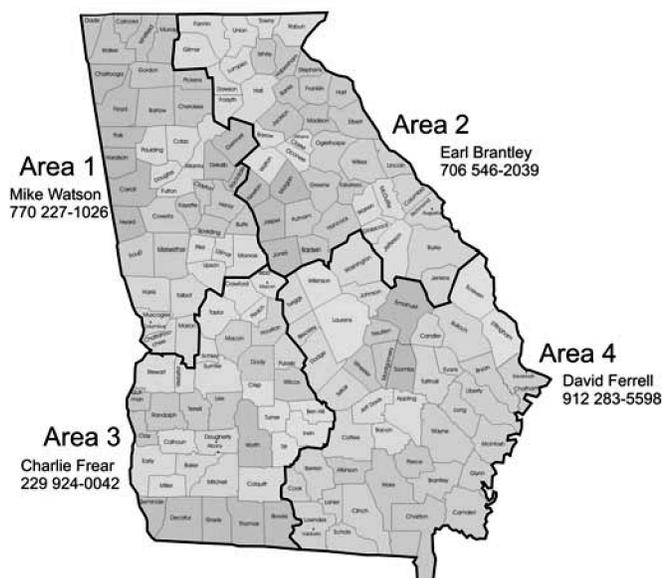
Area 1 - Griffin
**Assistant State Conservationist for Field
Operations - Michael Watson**
Phone: 770 227-1026 Fax: 770 227-1511
E-mail: michael.watson@ga.usda.gov

Natural Resources Conservation Service Administrative Areas Georgia

Area 2 - Athens
**Assistant State Conservationist for Field
Operations - Earl Brantley**
Phone: 706 546-2039 Fax: 706 546-2253
E-mail: earl.brantley@ga.usda.gov

Area 3 - Americus
**Assistant State Conservationist for Field
Operations - Charlie Frear**
Phone: 229 924-0042 Fax: 229 924-0013
E-mail: charlie.frear@ga.usda.gov

Area 4 - Waycross
**Assistant State Conservationist for Field
Operations - David Ferrell**
Phone: 912 283-5598 Fax: 912 283-8648
E-mail: david.ferrell@ga.usda.gov



REVISED 23 Jan 2009

For current information, please contact Frank M. Carubba with the EPD
Watershed Protection Branch at (404) 675-1634

No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
001	APPLING	EPD	EPD	Coastal District	Altamaha
	01 Baxley	City	Code E O	Code E O	
	02 Graham	EPD	EPD	Coastal District	
	03 Surrency	EPD	EPD	Coastal District	
002	ATKINSON	EPD	EPD	Coastal District	Satilla River
	01 Pearson	City	City Clerk	City	
	02 Willacoochee	City	City Clerk	City Clerk	
003	BACON	EPD	EPD	Coastal District	Altamaha
	01 Alma	EPD	EPD	Coastal District	
004	BAKER	EPD	EPD	SW District	Flint River
	01 Newton	EPD	EPD	SW District	
005	BALDWIN	County	Code E O	Code E O	Piedmont
	01 Milledgeville	City	Zon. Admin.	Zon. Admin.	
006	BANKS	County	Pl. Comm.	Co. Marshall	Broad River
	Alto	See	Habersham		
	Baldwin	See	Habersham		
	Gillsville	See	Hall		
	01 Homer	City	City	City	
	Lula	See	Hall		
02 Maysville	City	Mayor	Mayor		
007	BARROW	County	Pl. Dir.	Bldg. Insp.	Oconee River
	01 Auburn	EPD	EPD	NE District	
	02 Bethlehem	EPD	EPD	NE District	
	03 Carl	EPD	EPD	NE District	
	04 Statham	EPD	EPD	NE District	
	05 Winder	EPD	EPD	NE District	
008	BARTOW	County	Code E O	Code E O	Coosa River
	01 Adairsville	City	City	City	
	02 Cartersville	City	City	Bldg. Off.	
	03 Emerson	City	City	City	
	04 Euharlee	City	City		
	05 Kingston	EPD	EPD	Mountain Dist.	
	06 Taylorsville	EPD	EPD	Mountain Dist.	
	07 White	City	City	City	
009	BEN HILL	County	Bldg. Insp.	Bldg. Insp.	Middle South Ga.
	01 Fitzgerald	City	Bldg. Insp.	Bldg. Insp.	

010	BERRIEN 01 Alapaha 02 Enigma 03 Nashville	County EPD EPD City	County EPD EPD Zon. Admin.	SW District SW District SW District Zon. Admin.	Alapaha
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
	04 Ray City	City	City Clerk	Soil & EC Insp	
011	BIBB 01 Macon 02 Payne City	County City EPD	Co. Eng. City Eng. EPD	Co. Eng. City Eng. WC District	Ocmulgee River
012	BLECKLEY Allentown 01 Cochran	County See EPD	Bldg. Dept. Wilkinson EPD	Bldg. Dept. W. Cen. Dist.	Central Ga.
013	BRANTLEY 01 Hoboken 02 Nahunta	EPD EPD EPD	EPD EPD EPD	Coastal Dist. Coastal Dist. Coastal Dist.	Satilla River
014	BROOKS Barwick 01 Morven Pavo 02 Quitman	County See EPD See EPD	Zon. Admin. Thomas EPD Thomas EPD	Zon. Admin. SW District SW District	Middle South Ga. Middle South Ga.
015	BRYAN 01 Pembroke 02 Richmond Hill	County City City	Co. P&Z Bldg. Insp. Bldg. Insp.	Co. P&Z Bldg. Insp. Bldg. Insp.	Coastal
016	BULLOCH 01 Brooklet 02 Portal 03 Register 04 Statesboro	County EPD EPD EPD City	Bldg. Off. EPD EPD EPD City Eng.	Bldg. Off. Coastal Dist. Coastal Dist. Coastal Dist. City Engineer	Ogeechee River
017	BURKE Blythe 01 Girard 02 Keysville 03 Midville 04 Sardis 05 Vidette 06 Waynesboro	County See EPD EPD EPD EPD EPD	Bldg. Off. Richmond EPD EPD EPD EPD EPD	Bldg. Off. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist.	Brier Creek
018	BUTTS 01 Flovilla 02 Jackson 03 Jenkinsburg	County EPD City EPD	Zon. Admin. EPD Co. B.I. EPD	Zon. Admin. NE District Co. B.I. NE District	Towaliga
019	CALHOUN 01 Arlington	EPD EPD	EPD EPD	SW District SW District	Flint River

No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
	02 Edison 03 Leary 04 Morgan	EPD EPD EPD	EPD EPD EPD	SW District SW District SW District	
020	CAMDEN 01 Kingsland 02 St. Marys 03 Woodbine	County City City EPD	County City Engineer Co. P&Z EPD	County City Engineer City Engineer Coastal Dist.	Satilla River
021	CANDLER 01 Metter 02 Pulaski	County City EPD	Public Works Co. Pub. Wk EPD	Public Works Co. Pub. Wk. Coastal Dist.	Ogeechee River
022	CARROLL 01 Bowdon Bremen* 02 Carrollton 03 Mt. Zion 04 Roopville 05 Temple 06 Villa Rica 07 Whitesburg	County EPD City City EPD EPD City EPD	Code E.O. EPD City Manager City EPD EPD Bldg. Insp. EPD	Code E.O. Mountain Dist. City Manager City Mountain Dist. Mountain Dist. Bldg. Insp. Mountain Dist.	West Georgia
023	CATOOSA 01 Ft. Oglethorpe 02 Ringgold	County City City	Pl. Comm. Bldg. Insp. City Manager	Pl. Comm. Bldg. Insp. Bldg. Insp.	Catoosa County
024	CHARLTON 01 Folkston 02 Homeland	County City City	Bldg. Off. City City	Bldg. Off. Bldg Insp. City	Satilla River
025	CHATHAM 01 Bloomingdale 02 Garden City 03 Pooler 04 Port Wentworth 05 Savannah 06 Thunderbolt 07 Tybee Island 08 Vernonburg	County City City City City City EPD City EPD	Pl. Comm. City City Insp. Dept. Bldg. Insp. City EPD City EPD	Co. Engineer Bldg. Off. Bldg. Off. Insp. Dept. Bldg. Insp. City Engineer Coastal District Coastal District	Coastal
026	CHATTAHOOCHEE 01 Cusseta	EPD EPD	EPD EPD	W. Cen. Dist. W. Cen. Dist.	Pine Mountain
027	CHATTOOGA 01 Lyerly 02 Menlo 03 Summerville 04 Trion	County EPD EPD EPD EPD	County EPD EPD EPD EPD	County Mountain Dist. Mountain Dist. Mountain Dist. Mountain Dist.	Coosa River

028	CHEROKEE	County	Co. Engineer	Co. Engineer	
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
	01 Ball Ground	EPD	EPD	Mountain Dist.	
	02 Canton 03 Holly Springs Mountain Park 04 Waleska 05 Woodstock	City City See EPD City	City Manager City Fulton EPD Bldg. Dept.	City Engineer City Mountain Dist. City Engineer	
029	CLARKE 01 Athens Bogart 02 Winterville	Cons. Gov't Cons. Gov't See EPD	Pub. Wks. Pub. Wks Oconee EPD	Pub. Wks. Pub. Wks. NE District	Oconee River
030	CLAY 01 Bluffton 02 Fort Gaines	EPD EPD EPD	EPD EPD EPD	SW District SW District SW District	Lwr. Chattahoochee
031	CLAYTON College Park 01 Forest Park 02 Jonesboro 03 Lake City 04 Lovejoy 05 Morrow 06 Riverdale	County See City City EPD City City EPD	Co. Director Fulton Co. P., B&Z City Director EPD City Director City EPD	Co. Director Co. P., B&Z City Director Mountain Dist. City Director City Mountain Dist.	Clayton County
032	CLINCH 01 Argyle 02 DuPont 03 Fargo 04 Homerville	County EPD EPD EPD City	County Clerk EPD EPD EPD City	County Clerk Coastal Dist. Coastal Dist. Coastal Dist. City	Alapaha
033	COBB 01 Acworth 02 Austell 03 Kennesaw 04 Marietta 05 Powder Springs 06 Smyrna	County City City City City City City	County Bldg. Off. Comm. Affairs City Public Works Bldg. Dept. Com. Dev.	County Bldg. Off. Comm. Affairs City City Engineer Public Works Com. Dev.	Cobb County
034	COFFEE 01 Ambrose 02 Broxton 03 Douglas 04 Nicholos	County EPD City City EPD	Bldg. Insp. EPD City Clerk Bldg. Insp. EPD	Bldg. Insp. Coastal Dist. Mayor Bldg. Insp. Coastal Dist.	

No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
035	COLQUITT 01 Berlin 02 Doerun 03 Ellenton 04 Funston 05 Moultrie 06 Norman Park 07 Riverside	County EPD City EPD EPD City City EPD	County EPD City Clerk EPD EPD Bldg & Codes City Clerk EPD	County SW District City Insp. SW District SW District City Engineer Mayor SW District	Middle South GA
036	COLUMBIA 01 Grovetown 02 Harlem	County City City	County City Engineer City Engineer	County City Engineer Co. Engineer	Columbia County
037	COOK 01 Adel 02 Cecil 03 Lenox 04 Sparks	County City EPD EPD City	County Bldg. Off. EPD EPD City Clerk	County Bldg. Off. SW District SW District Bldg. Insp.	Alapaha
038	COWETA Corinth 01 Grantville 02 Haralson 03 Moreland 04 Newnan Palmetto 05 Senoia 06 Sharpsburg 07 Turin	County See EPD EPD EPD City See EPD City EPD	Planning Dept. Heard EPD EPD EPD Bldg. Off. Heard EPD City EPD	Planning Dept. Mountain Dist. Mountain Dist. Mountain Dist. Bldg. Off. Mountain Dist. City Mountain Dist.	West Georgia
039	CRAWFORD 01 Roberta	EPD EPD	EPD EPD	W. Cen. Dist. W. Cen. Dist.	Ocmulgee River
040	CRISP 01 Arabi 02 Cordele	County EPD City	Planning Dept. EPD Com. Dev.	Planning Dept. SW District Com. Dev.	Middle South GA
041	DADE 01 Trenton	County EPD	County EPD	County Mountain Dist.	
042	DAWSON 01 Dawsonville	County City	Planning Dept. City	Planning Dept. City	Upper Chatt. River
043	DECATUR 01 Attapulgus 02 Bainbridge 03 Brinson	EPD EPD City EPD	EPD EPD Bldg. Dept. EPD	SW District SW District Bldg. Off. SW District	Flint River
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD

		Authority			
	04 Climax	EPD	EPD	SW Region	
044	DEKALB Atlanta 01 Avondale Est. 02 Chamblee 03 Clarkston 04 Decatur 05 Doraville 06 Lithonia 07 Pine Lake 08 Stone Mtn. 09 Dunwoody	County See City City EPD City City EPD EPD City EPD EPD	Public Wks. Fulton City City Engineer EPD City Engineer City EPD EPD City EPD EPD	Public Wks City City Insp.Dept. Mountain Dist. City Engineer City Mountain Dist. Mountain Dist. City Mountain Dist. SW District	DeKalb County
045	DODGE 01 Chauncey 02 Chester 03 Eastman Milan 04 Rhine	EPD EPD EPD City See EPD	EPD EPD EPD City Manager Telfair EPD	SW District SW District SW District Code E.O. SW Dist.	Central Georgia
046	DOOLY 01 Byromville 02 Dooling 03 Lilly 04 Pinehurst 05 Unadilla 06 Vienna	County EPD EPD EPD City City EPD	Bldg. Insp. EPD EPD EPD Co. Bldg. Insp. City EPD	Bldg. Insp. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. Co. Bldg. Insp. City W. Cen. Dist.	Ocmulgee River
047	DOUGHERTY 01 Albany	County City	Public Wks. Eng. Dept.	Public Wks Eng. Dept.	Flint River
048	DOUGLAS Austell 01 Douglasville Villa Rica	County See City See	Dept. of Eng. Cobb City Engineer Carroll	Dept. of Eng. City Engineer	West Georgia
049	EARLY Arlington 01 Blakely 02 Damascus 03 Jakin	EPD See City EPD EPD	EPD Calhoun Bldg. Off. EPD EPD	SW District Bldg. Off. SW District SW District	Flint River
050	ECHOLS	EPD	EPD	SW District	Alapaha
051	EFFINGHAM 01 Guyton 02 Rincon 03 Springfield	County EPD Town EPD	Zoning Admin. EPD Bldg. Insp. EPD	Bldg.& Z Insp. Coastal Dist. Bldg. Insp. Coastal Dist.	Ogeechee River
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD

052	ELBERT	County	Tax Assessor	Tax Assessor	Broad River
	01 Bowman 02 Elberton	EPD City	EPD City	NE District City	
053	EMANUEL Adrian 01 Garfield 02 Nunez 03 Oak Park 04 Stillmore 05 Summertown 06 Swainsboro 07 Twin City	EPD See EPD EPD EPD EPD EPD EPD EPD	EPD Johnson EPD EPD EPD EPD EPD EPD EPD	E. Cen. Dist. E. Cen. Dist.	
054	EVANS 01 Bellville 02 Claxton 03 Daisy 04 Hagan	EPD EPD City EPD EPD	EPD EPD City Admin. EPD EPD	Coastal Dist. Coastal Dist City Coastal Dist Coastal Dist	Ogeechee River
055	FANNIN 01 Blue Ridge 02 McCaysville 03 Mineral Bluff 04 Morganton	County City EPD EPD EPD	Land Dev. Bldg. Insp. EPD EPD EPD	Land Dev. Bldg. Insp. Mountain Dist. Mountain Dist. Mountain Dist.	Blue Ridge Mtn.
056	FAYETTE 01 Brooks 02 Fayetteville 03 Peachtree City 04 Tyrone 05 Woolsey	County EPD City City Town EPD	Co. Engineer EPD City Bldg. Dept. Town EPD	Co. Engineer Mountain Dist. City Bldg. Dept. Zoning Admin. Mountain Dist.	Towaliga
057	FLOYD 01 Cave Spring 02 Rome	County EPD City	Bldg. Insp. EPD Bldg. Insp.	Bldg. Insp. Mountain Dist. Bldg. Insp.	Coosa River
058	FORSYTH 01 Cumming	County City	County City	County City	Upper Chatt. River
059	FRANKLIN 01 Canon 02 Carnesville 03 Franklin Sprgs. 04 Lavonia 05 Royston	EPD EPD EPD EPD EPD EPD	EPD EPD EPD EPD EPD EPD	NE District NE District NE District NE District NE District NE District	Broad River
060	FULTON 01 Alpharetta	County City	Dev. Ser. Dept. P&C Dev.	Dev. Ser. Dept. City	Fulton County
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
	02 Atlanta	City	Public Works	Public Works	

	03 College Park 04 East Point 05 Fairburn 06 Hapeville 07 Mountain Park 08 Palmetto 09 Roswell 10 Sandy Springs 11 Union City 12 Johns Creek 13 Milton	City City City City City City City City City City City	City Engineer Public Works City Pub. Wks. Dir. City City Admin. City Engineer City City City City City	City Engineer Public Works City Pub. Wks. Dir. Bldg. Insp. City Engineer City City City Engineer City City	
061	GILMER 01 East Ellijay 02 Ellijay	County City City	Pl. Comm. Soil Con. Off. E & S Officer	Pl. Comm. Soil Con. Off. E & S Officer	Limestone Valley
062	GLASCOCK 01 Edgehill 02 Gibson 03 Mitchell	County EPD EPD EPD	Comm. Off. EPD EPD EPD	Comm. Off. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist.	Brier Creek
063	GLYNN 01 Brunswick	County EPD	Bldg. Insp. EPD	Bldg. Insp. Coastal Dist.	Satilla River
064	GORDON 01 Calhoun 02 Fairmount 03 Plainville 04 Ranger 05 Resaca	County City City EPD EPD EPD	Bldg. Insp. Bldg. Insp. City EPD EPD EPD	Bldg. Insp. Bldg. Insp. City Mountain Dist. Mountain Dist. Mountain Dist.	Coosa River
065	GRADY 01 Cairo 02 Whigham	County City EPD	B.O. Comm. City EPD	B.O. Comm. City SW District	Flint River
066	GREENE 01 Greensboro 02 Siloam 03 Union Point 04 White Plains 05 Woodville	County City EPD City EPD EPD	Bldg. Insp. Bldg. Insp. EPD Bldg. Insp. EPD EPD	Bldg. Insp. Bldg. Insp. NE District Bldg. Insp. NE District NE District	Piedmont
067	GWINNETT 01 Berkeley Lake 02 Buford 03 Dacula 04 Duluth 05 Grayson 06 Lawrenceville 07 Lilburn	County City City City City City City City	Co. Engineer Zoning Enf. City City P & Z Director City City Planning Dir.	Co. Engineer Zoning Enf. Off. City Bldg. Insp. Dev. Inspector City City Planning Dir.	Gwinnett County
No.	Jurisdiction	Issuing	Permits	Compliance	SWCD

		Authority			
	Loganville	See	Walton		
	08 Norcross	City	City	P & Z	
	09 Rest Haven	EPD	EPD	EPD	
	10 Snellville	City	City Engineer	City Inspector	
	11 Sugar Hill	City	Insp. Dept.	Insp. Dept.	
	12 Suwanee	City	City	City	
068	HABERSHAM	County	P & Z Officer	P & Z Officer	Upper Chatt. River
	01 Alto	EPD	EPD	Mountain Dist.	
	02 Baldwin	EPD	EPD	Mountain Dist.	
	03 Clarksville	EPD	EPD	Mountain Dist.	
	04 Cornelia	City	City Pl. Dept.	City Pl. Dept.	
	05 Demorest	EPD	EPD	Mountain Dist.	
	06 Mount Airy	EPD	EPD	Mountain Dist.	
	07 Tallulah Fall	EPD	EPD	Mountain Dist.	
069	HALL	County	Co. Engineer	Co. Engineer	Hall County
	Buford	See	Gwinnett		
	01 Clermont	EPD	EPD	NE District	
	02 Flowery Branch	City	Co. Engineer	Co. Engineer	
	03 Gainesville	City	Public Works	Public Works	
	04 Gillsville	EPD	EPD	NE District	
	05 Lula	City	City Clerk	City	
	06 Oakwood	City	City	City	
070	HANCOCK	County	Bldg. & Zon.	Zoning Admin.	Piedmont
	01 Sparta	EPD	EPD	NE District	
071	HARALSON	County	Bldg. & Zon.	Zoning Admin.	West Georgia
	01 Bremen	City	Per. Off.	Co. Code E.O.	
	02 Buchanan	EPD	EPD	Mountain Dist.	
	03 Tallapoosa	EPD	EPD	Mountain Dist.	
	04 Waco	EPD	EPD	Mountain Dist.	
072	HARRIS	County	Community	Community	Pine Mountain
	01 Hamilton	City	Dev.	Dev.	
	02 Pine Mountain	City	City	City	
	03 Shiloh	City	County	County	
	04 Waverly Hall	EPD	EPD	W. Cen. Dist.	
	West Point	EPD	EPD	W. Cen. Dist.	
		See	Troup		
073	HART	EPD	EPD	NE District	Broad River
	01 Bowersville	EPD	EPD	NE District	
	Canon	See	Franklin		
	02 Hartwell	EPD	EPD	NE District	
	Royston	See	Franklin		
074	HEARD	EPD	EPD	Mountain Dist.	West Georgia
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD

	01 Centralhatchee	EPD	EPD	Mountain Dist.	
	02 Corinth	EPD	EPD	Mountain Dist.	
	03 Ephesus	EPD	EPD	Mountain Dist.	
	04 Franklin	EPD	EPD	Mountain Dist.	
075	HENRY	County	County	County	Henry County
	01 Hampton	EPD	EPD	Mountain Dist.	
	02 Jenkinsburg	See	Butts		
	03 Locust Grove	City	City	City	
	04 McDonough	City	P & Z	P & Z	
	05 Stockbridge	City	City	City	
076	HOUSTON	County	Co. Engineer	Co. Engineer	
	01 Centerville	City	Utility Supt.	Utility Supt.	
	02 Perry	City	P & Z	P & Z	
	03 Warner Robins	City	City Engineer	City Engineer	
077	IRWIN	County	Bldg. Insp.	Bldg. Insp.	
	01 Ocilla	City	Bldg. Insp.	Bldg. Insp.	
078	JACKSON	County	P & D Director	P & D Director	
	01 Arcade	City	City	City	
	02 Braselton	Town	Co. P & D	Co. P & D	
	03 Commerce	City	Bldg. & Const.	Bldg. Insp.	
	04 Hoschton	City	Co. P & D	Co. P & D	
	05 Jefferson	City	Co. P & D	Co. P & D	
	Maysville	See	Banks		
	06 Nicholson	EPD	EPD	NE District	
	07 Pendergrass	City	City	City	
	08 Talmo	City	City	City	
079	JASPER	County	Zoning Admin.	Bldg.&Zon. Off.	U. Ocmulgee R.
	01 Monticello	City	Zoning Admin.	Bldg. Off.	
	02 Shady Dale	EPD	EPD	NE Distict	
080	JEFF DAVIS	EPD	EPD	Coastal Dist.	Altamaha
	01 Denton	EPD	EPD	Coastal Dist.	
	02 Hazelhurst	City	City	Bldg. Insp.	
081	JEFFERSON	County	Tax Assessor	Bldg. Insp.	Brier Creek
	01 Avera	EPD	EPD	E. Cen. Dist.	
	02 Bartow	EPD	EPD	E. Cen. Dist.	
	Keysville	See	Burke		
	03 Louisville	City	City	City Admin.	
	04 Stapleton	EPD	EPD	E. Cen. Dist.	
	05 Wadley	EPD	EPD	E. Cen. Dist.	
	06 Wrens	City	Bldg. Insp.	Bldg. Insp.	
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
082	JENKINS	EPD	EPD	E. Cen. Dist.	Brier Creek

	01 Millen	EPD	EPD	E. Cen. Dist.	
083	JOHNSON 01 Adrian 02 Kite 03 Wrightsville	EPD EPD EPD EPD	EPD EPD EPD EPD	E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist.	Central Georgia
084	JONES 01 Gray Macon	County City See	Zoning E.O. Zoning Enf. Bibb	Zoning E.O. Zoning Enf.	Piedmont
085	LAMAR 01 Aldora 02 Barnesville 03 Milner	County EPD City EPD	Zoning Off. EPD Bldg. & Zon. EPD	Zoning Off. W. Cen. Dist. Bldg. & Zon. W. Cen. Dist.	Lamar County
086	LANIER 01 Lakeland	County City	Co. Comm. Zoning Board	Co. Comm. City Inspector	Alaphaha
087	LAURENS Allentown 01 Cadwell 02 Dexter 03 Dublin 04 Dudley 05 East Dublin 06 Montrose 07 Rentz	County See EPD EPD City EPD City EPD EPD EPD	County Admin. Wilkinson EPD EPD City EPD City EPD EPD EPD	Co. Admin. E. Cen. Dist. E. Cen. Dist. City E. Cen. Dist. City E. Cen. Dist. E. Cen. Dist.	Central Georgia
088	LEE 01 Leesburg 02 Smithville	County City EPD	County En. Co. Pl. Office EPD	County Eng. Co. Pl. Office SW District	Lwr. Chattahoochee
089	LIBERTY 01 Allenhurst 02 Flemington 03 Gum Branch 04 Hinesville 05 Midway 06 Riceboro 07 Walthourville	County Town City City City City City City	Jnt. Pl. Com. Jnt. Pl. Com. Jnt. Pl. Com. Jnt. Pl. Com. Insp. Director Jnt. Pl. Com. Jnt. Pl. Com. Jnt. Pl. Com.	Jnt. Pl. Com. Jnt. Pl. Com. Jnt. Pl. Com. Jnt. Pl. Com. Insp. Director Jnt. P. Com. Jnt. Pl. Com. Jnt. Pl. Com.	Coastal
090	LINCOLN 01 Lincolnton	County City	Pl. Comm. City	Pl. Director E&SC Off.	Lincoln County
091	LONG 01 Ludowici	County EPD	County EPD	County Coastal Dist.	Coastal
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
092	LOWNDES	County	Co. Engineer	Co. Engineer	Alapaha

	02 Hahira 03 Lake Park 04 Naylor 05 Remerton 06 Valdosta	City City EPD EPD City	Co. Engineer Co. Engineer EPD EPD City Engineer	Co. Engineer Co. Engineer SW Dist. SW Dist. City Engineer	
093	LUMPKIN 01 Dahlonega	County City	Pl. Off. Bldg. Insp.	Pl. Off. Bldg. Insp.	Upr. Chattahoochee
094	MACON 01 Ideal 02 Marshallville 03 Montezuma 04 Oglethorpe	EPD EPD EPD EPD EPD	EPD EPD EPD EPD EPD	W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist.	Ocmulgee River
095	MADISON 01 Carlton 02 Colbert 03 Comer 04 Danielsville 04 Hull 05 Ila Royston	EPD EPD EPD EPD City EPD City See	EPD EPD EPD EPD City EPD City Clerk Franklin	NE District NE District NE District NE District City NE District E&SC Enf. Off.	Broad River
096	MARION 01 Buena Vista	EPD EPD	EPD EPD	WC District WC District	Pine Mountain
097	MCDUFFIE 01 Dearing 02 Thomson	County EPD City	Pl. Admin. EPD Co. Pl. Comm.	Pl. Admin E. Cen. Dist. County	McDuffie Co.
098	MCINTOSH 01 Darien	EPD City	EPD City	Coastal Dist. City	Coastal
099	MERIWETHER 01 Gay 02 Greenville Haralson 03 Lone Oak 04 Luthersville 05 Manchester 06 Warm Springs 07 Woodbury	County EPD EPD See EPD EPD City EPD EPD	Bldg. Dept. EPD EPD Coweta EPD EPD Bldg. Dept. EPD EPD	Bldg. Dept. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. Bldg. Dept. W. Cen. Dist. W. Cen. Dist.	Roosevelt
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
100	MILLER 01 Colquitt	EPD EPD	EPD EPD	WC District WC District	

101	MITCHELL 01 Baconton 02 Camilla Meigs	EPD EPD City See	EPD EPD Bldg. Insp. Thomas	SW District SW District Bldg. Insp.	Flint River
102	03 Pelham 04 Sale City MONROE 01 Culloden 02 Forsyth	EPD EPD County City City	EPD EPD Zoning Off. City Bldg. Off.	SW District SW District Zoning Off. City Bldg. Off.	Towaliga
103	MONTGOMERY 01 Ailey 02 Alston 03 Higgston 04 Mt. Vernon 05 Tarrytown 06 Uvalda Vidalia	EPD EPD EPD EPD EPD EPD EPD See	EPD EPD EPD EPD EPD EPD EPD Toombs	EC District E. Cen. Dist. E. Cen. Dist E. Cen. Dist E. Cen. Dist E. Cen. Dist E. Cen. Dist	Ohoopsee River
104	MORGAN 01 Bostwick 02 Buckhead 03 Madison 04 Rutledge	County EPD EPD City EPD	County EPD EPD City EPD	Bldg. Insp. NE District NE District Bldg. Insp. NE District	Piedmont
105	MURRAY 01 Chatsworth 02 Eton	County City City	Bldg. Insp. Bldg. Insp. City	Bldg. Insp. Bldg. Insp. City	Limestone Valley
106	MUSCOGEE 01 Bibb City 02 Columbus	Cons. Gov't EPD Cons. Gov't	Eng. Dept. EPD Cons. Gov't	Eng. Dept. W. Cen. Dist. Eng. Dept.	Pine Mountain
107	NEWTON 01 Covington 02 Mansfield 03 Newborn 04 Oxford 05 Porterdale	County City EPD EPD EPD EPD	P & Z City Engineer EPD EPD EPD EPD	City Engineer City Engineer NE District NE District NE District NE District	U. Ocmulgee R.
108	OCONEE 01 Bishop 02 Bogart 03 N. High Shoals	County EPD EPD EPD	Insp. Dept. EPD EPD EPD	Insp. Dept NE District NE District NE District	Oconee River
No.	Jurisdiction 04 Watkinsville	Issuing Authority City	Permits Mayor	Compliance Bldg. Insp.	SWCD

109	OGLETHORPE 01 Arnoldsville 02 Crawford 03 Lexington	County EPD EPD EPD	Insp. Dept. EPD EPD EPD	Insp. Dept. NE District NE District NE District	Broad River
110	PAULDING 01 Braswell 02 Dallas 03 Hiram	County EPD EPD City	Eng. Dept. EPD EPD Eng. Dept.	Eng. Dept. Mountain Dist. Mountain Dist. Eng. Dept.	Coosa River
111	PEACH 01 Byron 02 Ft. Valley	County City EPD	Bldg. Official P & Z EPD	Zoning E.O. City Marshall W. Cen. Dist.	Ocmulgee River
112	PICKENS 01 Jasper 02 Nelson 03 Talking Rock	County City City City	Lnd. Dev. Off. City City Mayor	Lnd. Dev. Off. City Mayor	Limestone Valley
113	PIERCE 01 Blackshear 02 Patterson	County City City	Jt. Pl. Comm. City Jt. P. Comm.	Jt. Pl. Comm. City Insp. Jt. Pl. Comm.	Satilla River
114	Pike 01 Concord 02 Meansville 03 Molena 04 Williamson 05 Zebulon	County EPD EPD EPD EPD EPD	Zoning Admin. EPD EPD EPD EPD EPD	Bldg. Insp. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist.	Towaliga
115	POLK 01 Aragon Braswell 02 Cedartown 03 Rockmart Taylorsville	EPD EPD See City City See	EPD EPD Paulding City Clerk Bldg. Insp. Bartow	Mountain Dist. Mountain Dist. Bldg. Insp. Bldg. Insp.	Coosa River
116	PULASKI 01 Hawkinsville	County City	Bldg. Insp. Bldg. Insp.	Bldg. Insp. Bldg. Insp.	Ocmulgee River
117	PUTNAM 01 Eatonton	County City	Bldg. Insp. Bldg. Insp.	Bldg. Insp. Bldg. Insp.	Piedmont
118	QUITMAN 01 Georgetown	EPD EPD	EPD EPD	SW District SW District	
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
119	RABUN 01 Clayton 02 Dillard	County City EPD	Admin. Off. City EPD	Admin. Off. City Mountain Dist.	Blue Ridge Mtn.

	03 Mountain City 04 Sky Valley Tallulah Falls 05 Tiger	EPD City See EPD	EPD City Habersham EPD	Mountain Dist. City Mountain Dist.	
120	RANDOLPH 01 Coleman 02 Cuthbert 03 Shellman	EPD EPD EPD EPD	EPD EPD EPD EPD	SW District SW District SW District SW District	Lwr. Chatt. River
121	RICHMOND 01 Augusta 02 Blythe 03 Hephzibah	County City EPD EPD	Pl. Comm. Pl. Comm. EPD EPD	Eng. Dept. Eng. Dept E. Cen. Dist. E. Cen. Dist.	Brier Creek
122	ROCKDALE 01 Conyers	County City	Dept. P&D P & D Dept.	Dept. P&D P&D Dept.	Rockdale County
123	SCHLEY 01 Ellaville	EPD EPD	EPD EPD	W. Cen. Dist. W. Cen. Dist.	Lwr. Chatt. River
124	SCREVEN 01 Hiltonia 02 Newington 03 Oliver 04 Rocky Ford 05 Sylvania	County EPD EPD EPD EPD City	Zoning Off. EPD EPD EPD EPD City	B&Z Admin. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. City Manager	Ogeechee River
125	SEMINOLE 01 Donalsonville 02 Iron City	County EPD EPD	Co. Comm. EPD EPD	Soil Tech SW Region SW Region	Flint River
126	SPALDING 01 Griffin 02 Orchard Hill 03 Sunny Side	County City EPD EPD	Bldg. Insp. Bldg. Off. EPD EPD	Bldg. Insp. Bldg. Off. Mountain Dist. Mountain Dist.	Towaliga
127	STEPHENS 01 Avalon 02 Martin 03 Toccoa	EPD EPD EPD City	EPD EPD EPD City	NE District NE District NE District City	Stephens County
128	STEWART 01 Lumpkin 02 Richland	County EPD EPD	Co. Comm. EPD EPD	Co. Comm. SW District SW District	Lwr. Chatt. River
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
129	SUMTER 01 Americus 02 Andersonville 03 DeSoto	County City EPD EPD	Bldg. Insp. City EPD EPD	Bldg. Insp. City SW District SW District	Lwr. Chatt. River

	04 Leslie 05 Plains Smithville	EPD City See	EPD City Lee	SW District Co. Inspector	
130	TALBOT 01 Geneva 02 Junction City Manchester 03 Talbotton	EPD EPD EPD See EPD	EPD EPD EPD Meriwether EPD	W. Cen. Dist. W. Cen. Dist. W. Cen. Dist. W. Cen. Dist.	Pine Mountain
131	TALIAFERRO 01 Crawfordville 02 Sharon	EPD EPD EPD	EPD EPD EPD	NE District NE District NE District	Piedmont
132	TATTNALL 01 Cobbtown 02 Collins 03 Glennville 04 Manassas 05 Reidsville	EPD EPD EPD City EPD City	EPD EPD EPD City Manager EPD City	Coastal Dist. Coastal Dist. Coastal Dist. City Mgr. Coastal Dist. City Eng.	Ogeechee River
133	TAYLOR 01 Butler 02 Reynolds	EPD EPD EPD	EPD EPD EPD	WC District W. Cen. Dist. W. Cen. Dist.	Ocmulgee River
134	TELFAIR 01 Helena 02 Jacksonville 03 Lumber City 04 McRae 05 Milan 06 Scotland	County EPD EPD EPD City EPD EPD	Co. Comm. EPD EPD EPD City Clerk EPD EPD	Co. Comm. SW District SW District SW District City SW District SW District	Altamaha
135	TERRELL 01 Bronwood 02 Dawson 03 Parrot 04 Sasser	County EPD EPD EPD EPD	Co. Comm. EPD EPD EPD EPD	Zon. Admin. SW District SW District SW District SW District	Lwr. Chatt. River
136	THOMAS 01 Barwick 02 Boston 03 Coolidge 04 Meigs 05 Ocklocknee	EPD EPD EPD EPD EPD EPD	EPD EPD EPD EPD EPD EPD	SW District SW District SW District SW District SW District SW District	Mid. South Ga.
No.	Jurisdiction 06 Pavo 07 Thomasville	Issuing Authority EPD City	Permits EPD Bldg. Dept.	Compliance SW District Bldg. Dept.	SWCD
137	TIFT 01 Omega	County City	Co. Engineer Co. Engineer	Co. Engineer Co. Engineer	Mid. South Ga.

	02 Tifton 03 Ty Ty	City City	City Eng. Co. Engineer	City Eng. Co. Engineer	
138	TOOMBS 01 Lyons 02 Santa Claus 03 Vidalia	County EPD EPD City	Co. Comm. EPD EPD Bldg. Insp.	Co. Comm. Coastal Dist. Coastal Dist Bldg. Insp.	Ochoopee River
139	TOWNS 01 Hiawassee 02 Young Harris	EPD EPD City	EPD EPD Mayor	Mountain Dist. Mountain Dist. Mayor	Blue Ridge Mtn.
140	TREUTLEN 01 Soperton	EPD EPD	EPD EPD	EC District E. Cen. Dist.	Ochoopee River
141	TROUP 01 Hogansville 02 LaGrange 03 West Point	County City City EPD	Bldg. Off. City Manager Com. Dev. EPD	Bldg. Insp. City Mgr. Com. Dev. W. Cen. Dist.	Roosevelt
142	TURNER 01 Ashburn 02 Rebecca 03 Sycamore	County City EPD EPD	Co. Comm. City EPD EPD	Road Supt. Zon. Admin. SW District SW District	Mid. South Ga.
143	TWIGGS Allentown 01 Danville 02 Jeffersonville	EPD See EPD EPD	EPD Wilkinson EPD EPD	W. Cen. Dist. W. Cent. Dist W. Cent. Dist.	Central Georgia
144	UNION 01 Blairsville	County EPD	Co. Comm. EPD	E&SC Insp. Mountain Dist.	Blue Ridge Mtn.
145	UPSON 01 Thomaston 02 Yatesville	County City EPD	Zon. Admin. Bldg. Off. EPD	Zon. Admin. Bldg. Off. W. Cen. Dist.	Towaliga
146	WALKER 01 Chickamauga Ft. Oglethorpe 02 LaFayette 03 Lookout Mtn. 04 Rossville	County City See EPD EPD City	Co. Pl. Com. Utilities Mgr. Catoosa EPD EPD City Clerk	Co. Pl. Com Utilities Mgr. Mountain Dist. Mountain Dist. City Clerk	Coosa River
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
147	WALTON 01 Between 02 Good Hope 03 Jersey 04 Loganville 05 Monroe	County City City EPD City City	Code E.O. City City EPD Pl.& Dev. Code E.O.	Code E.O. City NE District Code E.O. Code E.O.	Walton County

	06 Social Circle	City	Bldg. Insp.	Bldg. Insp.	
	07 Walnut Grove	City	Code E.O.	Code E.O.	
148	WARE 01 Waycross	County City	Pl. Director City Eng.	Pl. Director City Eng.	Satilla River
149	WARREN 01 Camak 02 Norwood 03 Warrenton	County EPD EPD City	B. of Comm. EPD EPD City Clerk	Co. Engineer E. Cen. Dist. E. Cen. Dist. City	Warren Co.
150	WASHINGTON 01 Davisboro 02 Deepstep 03 Harrison 04 Oconee 05 Riddleville 06 Sandersville 07 Tennille	EPD EPD EPD EPD EPD City City	EPD EPD EPD EPD EPD City City	EC District E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. City City	Central Georgia
151	WAYNE 01 Jesup 02 Odum 03 Screven	EPD EPD EPD EPD	EPD EPD EPD EPD	Coastal District Coastal Dist. Coastal Dist. Coastal Dist.	
152	WEBSTER 01 Preston 02 Weston	County EPD EPD	Co. Comm. EPD EPD	Co. Comm. SW District SW District	Lwr. Chatt. R.
153	WHEELER 01 Alamo 02 Glenwood Scotland	EPD EPD EPD See	EPD EPD EPD Telfair	E. Cen. Dist. E. Cen. Dist. E. Cen. Dist.	
154	WHITE 01 Cleveland 02 Helen	County City EPD	Pl. Comm. Comp. Off. EPD	Co. Comm. Comp. Off. Mountain Dist.	Upr. Chatt. R.
155	WHIFIELD 01 Cohutta 02 Dalton 03 Tunnel Hill 04 Varnell	County EPD City City City	Bldg. Insp. EPD Bldg. Insp. City/County City/County	Bldg. Insp. Mountain Dist. Bldg. Insp. City/County City/County	Limestone Valley
No.	Jurisdiction	Issuing Authority	Permits	Compliance	SWCD
156	WILCOX 01 Abbeville 02 Pineview 03 Pitts 04 Rochelle	EPD EPD EPD EPD EPD	EPD EPD EPD EPD EPD	SW District SW District SW District SW District SW District	Ocmulgee R.
157	WILKES	County	Tax Assr.	Tax Assr.	Broad River

	01 Rayle 02 Tignall 03 Washington	EPD EPD City	EPD EPD Bldg. Off.	NE District NE District Bldg. Off.	
158	WILKINSON 01 Allentown Danville 02 Gordon 03 Irwinton 04 Ivey 05 McIntyre 06 Toombsboro	EPD EPD See EPD EPD EPD EPD EPD	EPD EPD Twiggs EPD EPD EPD EPD EPD	E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist. E. Cen. Dist.	Central Georgia
159	WORTH 01 Poulan 02 Sumner 03 Sylvester 04 Warwick	EPD EPD EPD City EPD	EPD EPD EPD Bldg. Insp. EPD	SW District SW District SW District Bldg. Insp. SW District	Mid. S. Georgia

Mountain Dist. – EPD Mountain District Office
NE District – EPD Northeast District Office
W. Cen. Dist. – EPD West Central District Office
E. Cen. Dist. – EPD East Central District Office
SW District – EPD South West District Office
Coastal Dist. – EPD Coastal District Office