What’s New at GDOT

Office of Materials and Testing
Rodney W. Williams, Transportation Specialist II
Aggregate Base Specialist
What’s New at GDOT

- Organizational Chart Changes
- Personnel Changes
- QCT Recertification Workshop
- Standard Operating Procedure 1
- 812.2.04 MSE Wall Backfill
- Change from GDT to AASHTO/ASTM Test Procedures
Division of Construction

Office of Materials & Testing

Quality Administration Bureau
Geotechnical Bureau
Technical Assistance Bureau
Testing Bureau
Office of Materials & Testing

*Monica L. Flournoy, P.E.*
*State Materials Engineer*

- Quality Administration Bureau
  *J.T Rabun, P.E.*

- Geotechnical Bureau
  *Glen Foster, P.E.*

- Technical Assistance Bureau
  *Dr. Yiping “Peter” Wu, P.E.*

- Testing Bureau
  *Rick Douds*

- Bituminous Branch
  *Vacant, Branch Chief*

- Concrete Branch
  *Jason Waters, Branch Chief*

- Pit & Quarry
  *Ray Coston, Branch Chief*

- Inspection Services
  *Kevin Ledford, Branch Chief*
Mission Statement

To provide an economical means of insuring a high level of compliance to specifications and to promote the efficient use of aggregates through a better understanding of their influence on performance and the appropriate use of specifications.
Pit & Quarry Branch

• Branch Supervisors

Bob Marrujo

David Gibbs
Recent and Soon to be Retirees

Michael Adkins
2/1/2020

Keith Ledford
3/1/2020
Pit & Quarry Branch

• Aggregate Engineers

Mark
Taboris
Keith
Jimmy
Ronnie
Kevin
Gregory
Pit & Quarry Branch

• Base Specialist

Rodney Williams
Cell No. 912-424-8905
Email: rowilliams@dot.ga.gov
Consultant are Coming to the Pit and Quarry Branch

- The Pit and Quarry Branch has Consultants coming.
- They may be some very familiar faces.
Pit & Quarry Branch

• QCT Recertification Workshops (Are Gone)

Producers will be Responsible For QCT Training Hours of Technicians
A minimum of 12 credit hours is required for recertification of Quality Control Technicians. 

- Attendance of conferences such as the Georgia Construction Aggregate Association (4hrs)
- GCAA Online Courses-GDOT QC Refresher Training
- Attainment of a regional or national certification, such as the ACI certification. (6hrs)
- Attendance of industry-sponsored training. The training must be approved by GDOT and GDOT reserves the right to attend the training. (4hrs)
Pit & Quarry Branch

- Standard Operating Procedure (SOP) 1
  Section C. Certified Personnel

BULLETIN

January 1, 2019

To: District Engineers, Georgia Construction Aggregates Association, Georgia Highway Contractors Association, Federal Highway Administration

Subject: Outsourcing Aggregate Quality Control Technician Examination

Gentlemen:

This is to serve as formal notification that beginning January 2019, the Pit & Quarry Branch will no longer conduct testing of Aggregate Quality Control Technicians. This will now be outsourced and performed by the Quick Start Program, which is part of the Technical College System of Georgia. Twenty-two technical colleges throughout the State will participate in delivering the Aggregate Quality Control Technician examination. Attached is a list of participating schools. Unlike before, there is a $150.00 fee payable to the school to sit for the exam. To schedule for the exam, find a school from the attached list close to your location and call or email the point of contact for further instructions.

If there are any questions or if additional information is needed, please contact Charles R. Coston Jr., of this office at 404-608-4848. All correspondence should be sent to Monica L. Flournoy, State Materials Engineer, at the above address.

Sincerely,

Monica L. Flournoy, P.E.
State Materials Engineer

MLF:CRC:rc
Pit & Quarry Branch

1. Albany Technical College
   1704 S. Slappey Blvd.
   Albany, Georgia 31701
   Johnna Hunter
   hunter@albanycht.edu
   229-430-6596

2. Athens Technical College
   Pending

3. Atlanta Technical College
   1560 Metropolitan Pkwy, SW
   Atlanta, Georgia 30331
   Alexia H. Moreland
   shmondal@atlantatech.edu
   404-225-4660

4. Augusta Technical College
   3200 Augusta Tech Drive
   Building 600, Room 610
   Augusta, Georgia 30906
   Laura Giddings
   giddings@augustaTech.edu
   706-771-5705

5. Central Georgia Technical College
   Warner Robins Campus
   80 Cohen Walker Road
   Warner Robins, Georgia 31088
   Melanie Bradley
   mbradley@centralgeorgia.edu
   478-218-3239

6. Chattahoochee Technical College
   5198 Ross Road
   Office D416
   Acworth, Georgia 30102
   Tammy Hufstetler
   hufstetler@chattahoochee.edu
   770-528-4411

7. Coastal Pines Technical College
   3700 Glynco Parkway
   Brunswick, Georgia 31525
   Margaret Theris
   mtheris@coastalpines.edu
   912-262-4317

8. Columbus Technical College
   928 Manchester Expressway
   Columbus, Georgia 31904
   Michelle Shaw
   mshaw@colmbustech.edu
   706-649-1558

9. Georgia Northwestern Technical College
   Floyd County Campus
   Building I - Room 114
   One Maurice Culbarson Drive
   Rome, Georgia 30161
   Mardi Haynes-Jackson
   mjarons@gnetc.edu
   706-395-6955

10. Walker County Campus
    205 Bicentennial Trail
    Building 400 - Room009
    Rock Spring, Georgia 30730
    Mardi Haynes-Jackson
    mjarons@gnetc.edu
    706-295-6958

11. Georgia Piedmont Technical College
    Pending

12. Gwinnett Technical College
    5150 Sugarloaf Parkway
    Lawrenceville, Georgia 30043
    Gwen Moran
    gmoran@gwinnettech.edu
    678-228-8009
## Pit & Quarry Branch

<table>
<thead>
<tr>
<th>No.</th>
<th>Technical College</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Phone</th>
<th>Contact Person</th>
<th>Email Address</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>South Georgia Technical College</td>
<td>900 South Georgia Tech Parkway</td>
<td>Americus</td>
<td>GA</td>
<td>31709</td>
<td>Tami Blount</td>
<td><a href="mailto:tmb@gsctech.edu">tmb@gsctech.edu</a></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Southeastern Technical College</td>
<td>3001 East First Street</td>
<td>Vidalia</td>
<td>GA</td>
<td>30474</td>
<td>Susan Rustin</td>
<td><a href="mailto:srustin@southeasterncc.edu">srustin@southeasterncc.edu</a></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Southern Crescent Technical College</td>
<td>Building 100</td>
<td>Griffin</td>
<td>GA</td>
<td>30223</td>
<td>Learinn White</td>
<td><a href="mailto:Learinn.white@sctech.edu">Learinn.white@sctech.edu</a></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Southern Regional Technical College</td>
<td>C Building Room 101</td>
<td>Thomasville</td>
<td>GA</td>
<td>31722</td>
<td>Ruby Barron</td>
<td><a href="mailto:rbarron@southernregional.edu">rbarron@southernregional.edu</a></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>West Georgia Technical College</td>
<td>Pending</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Wiregrass Georgia Technical College</td>
<td>Fitzgerald Campus</td>
<td>Fitzgerald</td>
<td>GA</td>
<td>31750</td>
<td>Christy Cobb</td>
<td><a href="mailto:Christy.cobb@wiregrass.edu">Christy.cobb@wiregrass.edu</a></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Technical College</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>Phone</th>
<th>Contact Person</th>
<th>Email Address</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Deal Hall</td>
<td>2535 Lanier Tech Driv</td>
<td>Gainesville</td>
<td>GA</td>
<td>30507</td>
<td>Joan Lee</td>
<td><a href="mailto:jlee@lanier.edu">jlee@lanier.edu</a></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>North Georgia Technical College</td>
<td>1500 Highway 197 North</td>
<td>Duluth</td>
<td>GA</td>
<td>30321</td>
<td>Leslie Foster</td>
<td><a href="mailto:lfoster@northgat.edu">lfoster@northgat.edu</a></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Oconee Fall Line Technical College</td>
<td>500 Pine Hill Road</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Ogeechee Technical College</td>
<td>One Joseph E. Kennedy Blvd.</td>
<td>Statesboro</td>
<td>GA</td>
<td>30458</td>
<td>Kristin Waters</td>
<td><a href="mailto:kwaters@ogeecheetech.edu">kwaters@ogeecheetech.edu</a></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Savannah Technical College</td>
<td>5717 White Bluff Road</td>
<td></td>
<td></td>
<td></td>
<td>Lisa Kuyk</td>
<td><a href="mailto:l.kuyk@savannahtech.edu">l.kuyk@savannahtech.edu</a></td>
<td></td>
</tr>
</tbody>
</table>
Pit & Quarry Branch

GEORGIA QUICKSTART TECHNICAL COLLEGE SYSTEM OF GEORGIA

24. Douglas Campus
   700 W. Baker Hwy
   Douglas, Georgia 31533
   Christy Cobb
   Christy.cobb@wiregrass.edu
   229-469-2218

25. Valdosta Campus
   4088 Val Tech Road
   Valdosta, Georgia 31602
   Jackie Veulman
   Jackie.veulman@wiregrass.edu
   229-219-1379
Pit & Quarry Branch

- Standard Operating Procedure (SOP) 1

Section C. Certified Personnel

- Lab certificate
- A computer with the Field Data Collection System software and an internet service provider (ISP) connection. The minimum preferred computer requirements are listed below:
  - Computer: IBM PC or compatible
  - Software: Windows 98 – Preferred; Windows 2000 or Windows XP
  - Processor: Intel Pentium III or better (above 500 MHz) – Preferred; 2.5 GHz.
  - RAM: 256 MB – Preferred; 512 MB or better
  - Hard Drive: 10 GB or better with 500 MB of free space.
  - Printing Device: Mouse or other Windows-compatible pointing device.
  - Floppy Disk Drive: 3.5-inch 1.44 MB Floppy disk drive.
  - Multimedia CD-ROM drive
  - Display: Super VGA (800 X 600 pixels).
  - Printer: Windows-compatible laser or ink jet printer.
  - Internet: Dial-up service for uploads, but slow for downloaded installations – Preferred: DSL or Cable

- Additional lab equipment may be required based on testing need. This may include but is not limited to:
  - L.A. Abrasion Machine
  - Specific Gravity Tank (Concrete aggregate sources) and Color Test Equipment (Fine aggregate sources).

In addition, the building itself shall have a minimum of 240 square feet of floor space. This area is to be separated into two parts, one for testing and the other for chemical and office type activities. The testing area shall have adequate table or counter space for preparing samples, as well as adequate cabinet space for equipment storage. The other area shall be environmentally acceptable for chemical and office type work. It shall contain a desk and a adequate filing space.

Note: Any modifications to the above must be approved by Area Aggregate Engineer.

C. Certified Personnel

The producer’s sampling and testing personnel must be certified to sample aggregate and to perform the various tests required by the Office of Materials. The individuals certified will be issued a certificate which will be subject for renewal and revocation for cause.

1. Certification of Quality Control Technicians

   - The certification of quality control technicians will be administered by the Pit and Quarry Branch. The certification process will consist of a written examination (depending upon type of aggregate source) given at the Office of Materials in Forest Park, Georgia and a laboratory examination (or “hands on” examination) conducted by Pit and Quarry personnel at the laboratory of the aggregate source where the technician is employed.

   After passage of the written (if required) and laboratory examinations, a quality control technician will be assigned a technician number and issued a certification card. The certification card will list the name the technician is certified to perform. The technician’s certification will be valid for three years.

   a. Written Examination

      Because of the various types of aggregate sources, a written examination will be given at the Office of Materials in Forest Park, Georgia and a laboratory examination (or “hands on” examination) at the laboratory of the aggregate source where the technician is employed.

      Examinations will be tailored specifically for technicians working at the following types of aggregate sources:

      - Standard coarse aggregate sources and coarse aggregate grading yards
      - Stone, course and fine, crushed stone sources
      - Natural sand sources (standard and temporary)

      Written examinations will be given on the first Thursday of each month, unless the date falls on a holiday. The examination will be open book, and a score of 80 or above will be required to pass. In the event that a person does not pass the examination, it may be taken again after a minimum period of 90 days. If the technician does not pass the examination on the second attempt, it may be retested after a minimum period of 90 days. If the technician does not pass the examination on the third attempt, it may be taken annually thereafter at intervals not less than one year between examinations.
Section 812.2.04 MSE Wall Backfill

- Specification has New Revision
**Transition to AASHTO/ASTM TEST Procedures**

Sources need to start Preparing for the Change. (Equipment)

- Soil Resistivity: AASHTO T-288
- PH of Soil: AASHTO T-289
- Chlorides: ASTM D4327
- Sulfates: ASTM D4327
- Organic Content: AASHTO T-267
- Weathered Rock / Friable Particles: AASHTO T-112
- Flat and Elongated Particles: ASTM D4791
- Sampling of Aggregates: AASHTO T-2
Pit & Quarry Branch

• Contact Information

Charles R. Coston, Jr. (Branch Chief)
Office No. 404-608-4846
Cell No. 404-608-6674
Email: rcoston@dot.ga.gov

Bob Marrujo (Branch Supervisor) (North) Mark Rayburn, Taboris Houston, Keith Ledford, & Kevin Owensby
Office No. 770-531-5871
Cell No. 678-332-8234
Email: bmarrujo@dot.ga.gov

David Gibbs (Branch Supervisor) (South) Michael Adkins, Ronnie Anderson, Gregory Moss, Jimmy Sparks, & Rodney Williams
Office No. 229-391-5565
Cell No. 404-694-6689
Email: jgibbs@dot.ga.gov
Pit & Quarry Branch

• Contact Information

Robert “Bob” Rogero, P. G. (Aggregate Geologist Supervisor)
Office No. 404-608-4850
Email: rrogero@dot.ga.gov

Brandon K. North, P. G. (Geologist I)
Office No. 404-608-4850
Cell No. 404-764-0113
Email: bnorth@dot.ga.gov
Pit & Quarry Branch

Questions?