

AGENDA
South Carolina Board of Environmental Certification
Board Meeting
10:00 a.m., November 13, 2012
Synergy Business Park
Kingstree Building
110 Centerview Drive, Conference Room 108
Columbia, South Carolina

- 1. Meeting Called to Order**
 - a. Public notice of this meeting was properly posted at the S. C. Board of Environmental Certification Office, Synergy Business Park, Kingstree Building and provided to all requesting persons, organizations, and news media in compliance with Section 30-4-80 of the South Carolina Freedom of Information Act.
- 2. LLR Director, Holly Pisarik**
- 3. Approval of the July 10, 2012 Minutes**
- 4. Chairman's Remarks-William Armes**
- 5. Approval to attend the ABC Conference**
- 6. Administrator's Remarks-Lenora Addison-Miles**
 - a. Advisory Opinions, If Needed, Office of General
 - b. Legislative Update, If Needed, Legislative Liaison Office
 - c. OIE Report-Office of Investigations and Enforcement
 - d. OGC Report-Office of General Counsel
- 7. IRC Report**
- 8. Sharon Wolfe-Office of Investigations and Enforcement- OIE Process Presentation**
- 9. Committee Reports**
 - a. Bottled Water Exam Committee Updates-Elizabeth Williams
- 10. Joshua Castleberry, Academic Program Manager-Central Carolina Tech. College**
- 11. Public Comments**
- 12. Executive Session**
- 13. Return to Public Session**
- 14. Adjournment**

The next meeting of the S. C. Board of Environmental Certification is scheduled for January 8, 2013, in Room 108.

MINUTES

Environmental Certification Board
Tuesday, November 13, 2012
110 Centerview Drive, Room 108
Columbia, South Carolina 29210

Meeting Called to Order:

William Armes, Chairman, of Simpsonville, called the regular scheduled meeting of the S. C. Environmental Certification Board to order at 10:01 a.m. Other board members participating in the meeting included Vice-Chair, Elizabeth Williams, of Sumter; David Baize, of Columbia; Dwight Johnson of Jefferson, and Jimmy Rodgers, of Greenwood. Absent were excused board members, Mitch Dew, of Latta, and Hank Rutland, of Orangeburg.

Staff members participating during the meeting included Lenora Addison-Miles, Administrator; Georgia Lewis, Advice Counsel; Theresa Garner, Program Assistant; and Sharon Wolfe, OIE.

Public Notice

Chairman Armes announced that public notice of this meeting was properly posted at the S. C. Board of Environmental Certification Office, Synergy Business Park, Kingstree Building, and provided to all requesting persons, organizations, and news media in compliance with Section 30-4-80 of the South Carolina Freedom of Information Act.

The invocation was given by Jimmy Rodgers, followed by the Pledge of Allegiance.

LLR Director, Holly Pisarik

The Director introduced herself, and distributed her business cards to the members. She emphasized that she was here to provide support and resources to the board members.

Approval of the July 10, 2012 Minutes

MOTION

Dwight Johnson made a motion to approve the July 10, 2012, meeting minutes. David Baize seconded the motion which carried unanimously.

Chairman's Remarks-William Armes

Mr. Armes wished everyone a safe and joyous season, and thanked board members for their representation at conferences and professional events, and time spent on various committee assignments. He also thanked staff for the work they do in keeping the board moving in the right direction.

Approval to attend the ABC Conference

Chairman Armes asked for input and approval from the board members regarding, him and Elizabeth attending the 26th annual ABC conference in January 2013.

MOTION

Dwight Johnson made a motion to approve Mr. Armes request for Elizabeth and him to attend the ABC Conference in January 2013. The motion was seconded by Jimmy Rodgers, which carried unanimously.

Administrator's Remarks-Lenora Addison-Miles

Mrs. Miles stated there were currently 8,910 licensees that are active through June 30, 2013; since July 1, 2012, 172 New licenses have been issued. Fiscal year 2013 Beginning Cash Balance was \$189,069.36, the balance as of October was \$191,922.38. The S. C. Tort's Claim Act power point that was presented by Advice Counsel, Darra Coleman, at the Insurance Reserve Fund Class on September 14th was emailed to board members on November the 6th; since Mr. Johnson does not have an email address his information was placed in his board folder for review. Mrs. Miles reported on the Office of Investigative Enforcement (OIE) cases. The board has (3) "Active" investigations, (1) Do Not Open Case, (1) case that is pending board action, and (1) closed case, for a total of six cases this year. She reminded board members who are interested in purchasing board member license plates to submit their fees and information to DMV.

Advisory Opinions, If Needed, Office of General Counsel

There were no advisory opinions given.

Legislature Updates, If Needed, Legislative Liaison Office

There was no report given.

IRC Report

The IRC report was given by Sharon Wolfe. She stated OIE is awaiting board approval for two formal complaints.

MOTION

Dwight Johnson made a motion to approve the IRC report. Jimmy Rodgers seconded the motion which carried unanimously.

Sharon Wolfe-Office of Investigations and Enforcement-OIE Process Presentation

Sharon gave an overview of the Investigative Process to give board members a better understanding of how OIE works. She stated that OIE receives an initial complaint; which is reviewed by a complaint analyst who will determine if there is a licensing law violation involved. If so, then it will be opened and assigned to an investigator who will investigate the complaint. Once all the facts, exhibits, and other information has been gathered; the investigator will write a summary and present the report to the Investigative Review Committee consisting of Sharon Wolfe, the board administrator, the investigator, LLR legal counsel, and the board IRC representative. The information and facts are gone over in detail, and a recommendation is presented at that time. Once that is approved by the board, OIE proceeds with the necessary actions. The dismissals, letters of caution, or letters of concern that come out of that meeting are drafted and sent out by the Administrator. Once those cases have been approved they will be forwarded to Office of General Counsel who proceeds with their activity from that point. Sharon stated it was important to note that they try to maintain a distance between the board and the investigators so that there is no possibility of a taint. If it has to go to a hearing, and the case has been discussed with a board member, then they would have to recuse themselves. Sharon also gave a brief overview of the consent agreement parameters.

Committee Reports

Bottled Water Exam Committee Updates-Elizabeth Williams

Vice-Chair, Elizabeth Williams, gave an update on the Vended Water Exams. She stated the committee which consisted of Coy Watts, and Chris Saul, of DHEC, and herself, met three times before finalizing the exam. Basically they reviewed the exam, rewrote any questions they felt should be rewritten or thrown out, and deleted any questions that did not apply. A lot of the questions on the exam were written for bottled water and not vended water, and those questions were replaced with vending water questions. The exam consists of (75) questions; the committee also had three other individuals from DHEC review the exam for additional feedback. Elizabeth presented the committee's recommendations:

- 1) The board accepts the exam being implemented
- 2) The board approves the continuing education guidelines, along with the suggested study reference material to be placed on the website
- 3) The board agrees that these operators should also be required to meet twelve (12) hours of continuing education every two years, which would not go into effect until July 1, 2013 through June 30, 2015.

Elizabeth asked Lenora to contact the board's exam provider, Applied Measurement Professionals (AMP), and ask them to provide a quote for implementing an additional exam for Bottled Water operators. She also requested that AMP provide examinees with a printout of categories they missed.

MOTION

Elizabeth Williams made a motion the board accept the committee's recommendations for bottled water exams. Dwight Johnson seconded the motion which carried unanimously.

Chairman Armes asked Mr. Baize if he had any further information regarding DHEC individuals being issued certifications during emergency situations; which was discussed by the board at the last meeting. Mr. Baize stated right now it is not a top priority, but possibly could be revisited at a later date.

Advice Counsel

Advice Counsel, Georgia Lewis, encouraged board members to use their legal avenue of issuing citations for unlicensed practice, which is a viable option that can be used in the investigative process. She said it appears in the past that the board has not taken full advantage of this option which would be very beneficial. Mr. Armes requested that Mrs. Lewis do further research and evaluate the possibilities, and report to board members, either by memorandum or at the next board meeting.

Joshua Castleberry, Academic Program Manager-Central Carolina Technical College

Mr. Castleberry, Academic Program Manager, CCTC, informed board members that in October of 2011 Central Carolina Technical College applied for a grant through the National Science Foundation to create the next generation of training material for operators, specifically for wastewater operators in the beginning, and later on expanding to water treatment. He said as part of that, the board agreed to help them, and wrote a letter of support. He stated the grant did go forward, and currently CCTC is waiting on a start date.

Mr. Castleberry stated that through their relationships with Dr. Feldon, and the University of Virginia; CCTC was looking at expanding the grant and asked the board if they were willing to help in that expansion to increase the value of this project across all of the organizations for the board, the college, and the wastewater and water operator's in general. He introduced Dr. Feldon, from the University of Virginia.

Dr. Feldon gave a further explanation of the program. He said the first step is to conduct a series of cognitive task analyses with expert operators. At the outcome of that project they will have a lot of analysis on how people engage in their jobs and how they make effective decisions. They would like to take that information and turn it into a survey that they could distribute to operators so they can get a sense of the rank in file, what those identifying practices and decision making processes are, and see how those responses line up with people's certification exam scores. This comparison would establish the extent to which there is alignment between actual industry practices and the exam itself.

The second step would be to look at how each of those sets of information might predict the performance of how well operator knowledge can be linked directly with post-treatment water quality.

He stated they would recruit operators from around the state to complete the survey. They would have their identities by virtue of them providing them with the survey responses but they would keep those in close confidence under lock and key. They would coordinate with the exam provider that has the individual's exam scores, and ask them to match the exam scores to the survey responses that they have, and drop the names out. At that point the individual would be assigned a unique numerical identifier.

Chairman Armes stated he did not think the Board had all the information they needed to make a decision at this time, he said the board would review the information they received and take it into consideration, possibly exploring it further. He suggested that Mr. Castleberry and Dr. Feldon approach the board in the future, and provide in writing; some guidelines as to what they needed from the board.

Public Comments

There were no Public Comments.

Executive Session

The board did not enter into Executive session

Adjournment

Dwight Johnson made a motion to adjourn the meeting at 11:05 a.m. David Baize seconded the motion which carried unanimously.

NOTE: These minutes are a brief summary of the meeting recordings of the motions, and official actions taken by the Board. A transcript providing more details of this meeting is on file in the board office.

SOUTH CAROLINA ENVIRONMENTAL CERTIFICATION BOARD

NOVEMBER 13, 2012

BOARD MEETING

VISITOR SIGN IN SHEET

(PRINT)

NAME

ADDRESS

EMPLOYER

John Young

Savannah River National Laboratory

Josh Castleberg

Central Carolina Technical College

David Feldon

University of Virginia

Jim MATTHEWS

OLEI

NOVEMBER 13, 2012

TOPIC

[illegible]

August 28, 2012

To Whom It May Concern:

We are writing to explore the possibility of a collaborative effort involving Central Carolina Technical College (CCTC), the University of Virginia, and the South Carolina Environmental Certification Board. As you may know, CCTC and the University of Virginia are receiving federal funding from the National Science Foundation to develop the next generation of training for wastewater treatment technicians using cognitive task analysis (CTA) to capture the expertise of veteran operators and use that to create a simulation-based training system. We are interested in expanding this existing project to increase its value across our organizations.

Cognitive task analysis is basically a collection of techniques used to help experts to express the knowledge that enables them to perform as effectively as they do, even when it is so habitual that they can no longer articulate it completely. Once these strategies are recorded in very fine detail, they can be used as the basis for training novices in the field to accelerate their mastery of the skills they need to perform their jobs effectively. We would like to use the results of the CTA process supported by the NSF to:

- Examine the relationship between CTA-established best practices and the ABC Need to Know criteria
- Investigate any correlations between demonstrable skill sets, ABC exam pass rates, and CTA skill sets.

This process would essentially involve two phases:

- Phase 1 - Develop and distribute a survey that asks technicians to indicate the extent to which they use strategies identified during the CTA process. In order to be effective, we would need the Board's support to encourage a broad cross-section of wastewater treatment operators in the state to complete the survey. We would use those data to compare individuals' survey responses to their performance on relevant items from the ABC licensing examination. This comparison would establish the extent to which there is alignment between actual industry practices and the exam itself.
- Phase 2 - Aggregate the responses of all individuals working in the same facility to establish an average operator knowledge level. The aggregate knowledge level for each plant would be compared with the environmental performance of the plant to determine how well operator knowledge can be linked directly with post-treatment water quality.

We see three major potential benefits of this study: First, it provides an opportunity to generate evidence for the validity and importance of the ABC licensure exam as a predictor of both operator practices and resultant water quality. Second, it provides to wastewater treatment plants a neutral and cost-free needs assessment that identifies the level of use for experts' strategies by members of their

workforce and any specific training needs for the purpose of reducing the frequency of problematic water quality stemming from operator error. Third, it offers an opportunity to validate the strategies obtained through the CTA process as effective in comparison to both operator knowledge level as assessed through the ABC exam and objective job performance.

Given the sensitive nature of the information we would be gathering, we would maintain the strictest level of confidentiality with the data obtained. Each participant would be represented only as a uniquely assigned numeric identifier. The master list of names and identifier numbers would be provided to the ABC for the purpose of obtaining those individuals' exam results. Once those data were provided to us using only the numeric identifiers, we would assign new identifiers that had never been linked to individuals' names. Results would be aggregated to the plant level, and individual plants would not be identified by name. Plant-specific findings would be provided to the management of that specific plant, but any information disseminated publicly would describe only the statistical relationships between scores, survey responses, and plant performance without allowing the identification of either individuals or specific plants.

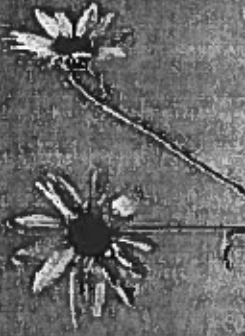
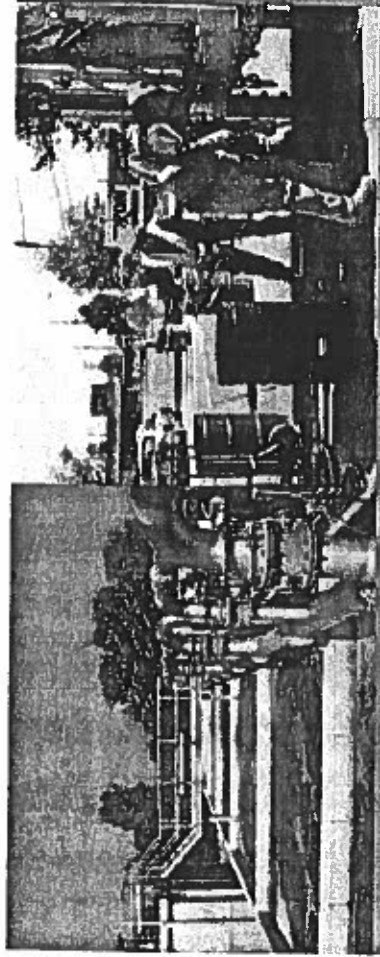
This proposal is tentative, and we are very willing to modify its details to make the project mutually beneficial for all involved. We hope that you find value in this idea and would consider a meeting to discuss it further.

Thank you very much. We look forward to hearing from you.

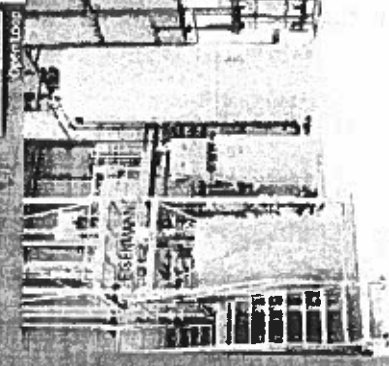
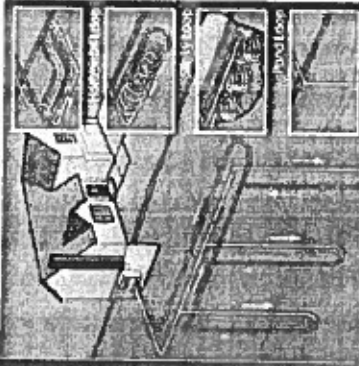
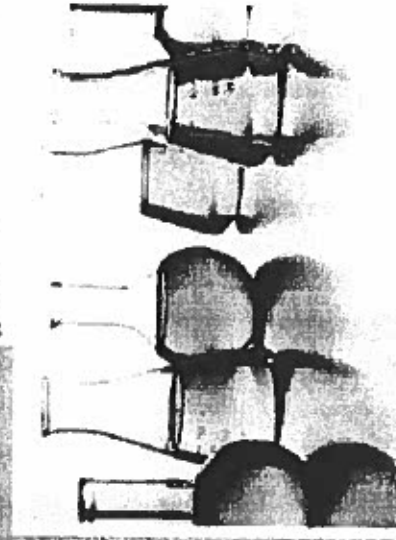
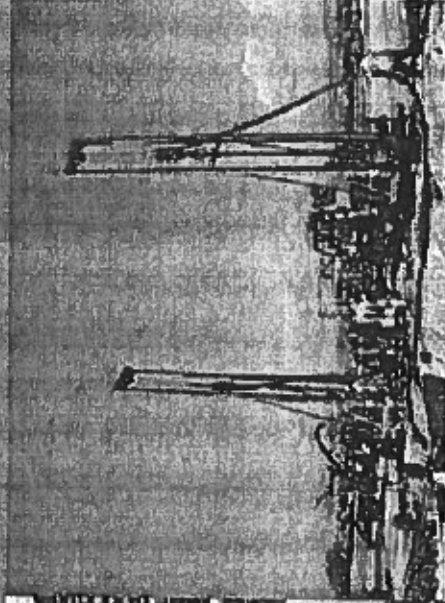
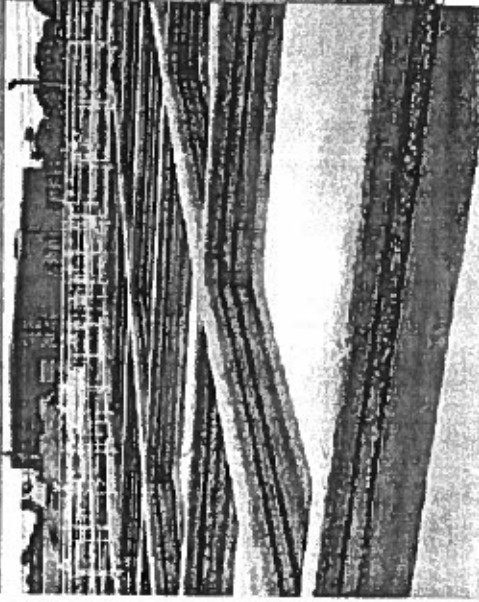
Sincerely,

David F. Feldon, Ph.D.
University of Virginia

Joshua Castleberry, M.E.E.R.M.
Central Carolina Technical College



South Carolina Board of Environmental Certification



Investigative Process

- Initial Complaint
- Authorization for Investigation
- Assignment to Investigator
- Investigation
- Supervisor Review

Investigative Review Committee

- IRC Membership
- Recommendations Presented to Board
- Dismissals and Letters of Concern Sent by Administrator
- Cases Recommended for Formal Complaint Are Transferred to Office of General Counsel (OGC)

Investigative Process

- Throughout all steps, no communication with Board members in order to avoid taint.
- If a case needs an Expert Review; a person will be selected who is proficient in the particular area, and not in direct competition with the Respondent.

Consent Agreements

- If CA authorized by IRC, OGC drafts and offers to Respondent for signature prior to presentation at next Board meeting.
- If no CA authorized, OGC communicates with Respondent and Investigator to determine appropriate allegations for a Formal Accusation (FA) or Memorandum of Agreement (MOA).

MOA/FC Presentation

- If MOA is possible, OGC drafts and offers to Respondent for signature prior to presentation at next Board meeting.
- If MOA is not possible, OGC drafts and requests approval of the FA, then prepares, schedules and presents the disciplinary hearing.

Final Order Hearing

- Whether through CA, MOA or disciplinary hearing, OGC provides notice to the Respondent of the Final Order Hearing, at which time sanctions are imposed or ratified by the Board.
- Respondents may appeal to the Administrative Law Court within 30 days.

Disposition Process

- Throughout all steps, no communication with Board members in order to avoid taint.

Selected Board Issues

- Sanctions Allowed in Disciplinary Matters
- Taint (What Must Remain Confidential)
- Freedom of Information Act Requests

Continuing Education Guidelines for Bottle Water Operators

Between July 1, 2011 and June 30, 2013 every operator must obtain a total of 12 hours (clock hours) of continuing education or pass the state examination. Operators should keep records of all courses attended. When you receive your renewal form in 2013, there will be a space to record the number of hours you have received.

Continuing education can be obtained from schools, workshops, seminars, conferences, online training, and/or in-house training sessions.

For continuing education to be accepted by the Board, the following guidelines must be followed.

1. Continuing education must be information that is relevant to bottle water operators. Examples of relevant courses include: water treatment system operations, safety, operation and maintenance of equipment, math, first aid, water chlorination, and attendance at an International Bottled Water Association meeting or conference.
2. The instructor or presenter must be able to provide an agenda or outline of the training content.
3. Participants must be able to interact with the instructor or presenter through discussion, telephone, or email.
4. Participants must be able to verify participation with appropriate documentation, i.e. certificate of completion containing appropriate information as outlined above and/or copy of sign-in sheet containing participant's signature.

Suggested Study Materials for Vended Water Examination

SCDHEC Bureau of Water
Primary Drinking Water Regulation
SC-R.61-58

SCLLR – ECB Website

Basic operation and maintenance of vended water machines

Water Quality

Safety

ENVIRONMENTAL CERTIFICATION BOARD

APPROVED BY BOARD: NOVEMBER 13, 2012



CHAIRMAN
William Armes

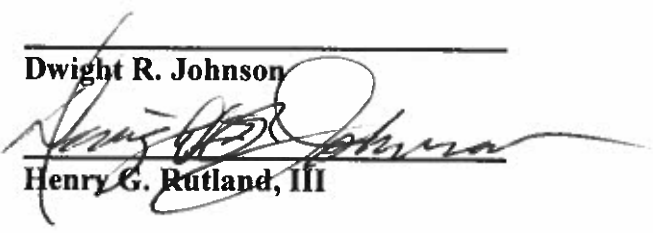


VICE-CHAIR
Elizabeth L. Williams



BOARD ADMIN.
Lenora-Addison Miles

David M. Dew



Dwight R. Johnson



Henry G. Rutland, III



James E. Rodgers, Jr.



David G. Baize

Board Roster

NOVEMBER 13, 2012

11/13/2012

| License | Effective Date | Name | Expiration Date | Business Company | Level D | Level B |
|----------------------|-----------------------|-------------|------------------------|-----------------------------|----------------|----------------|
| License Level | | | | Business City, State | Level C | Level A |
| EBW 63 | DEREK CLEVELAND LEE | | | National Water Services | | |
| | 11/13/2012 | 6/30/2013 | | Santa Fe | NM | |
| APPROVED | | | | | | |
| EBW 62 | Jeddy T Staton II | | | SJWD Water District | | |
| | 11/13/2012 | 6/30/2013 | | Lyman | SC | |
| APPROVED | | | | | | |

**NEW & PROMOTED
WELL DRILLERS
NOVEMBER 13, 2012**

Board Roster

11/13/2012

| License License Level | Name | Effective Date | Expiration Date | Business Company Business City, State | Level D Level C | Level B Level A |
|----------------------------------|-------------------------|-----------------------|------------------------|--|----------------------------|----------------------------|
| EWD 2097 D APPROVED | Shane Christopher Baker | 11/13/2012 | 6/30/2013 | | | |
| EWD 1737 B APPROVED | SAMUEL E BOWERS | 11/13/2012 | 6/30/2013 | HAILE GOLD MINE INC KERSHAW SC | 09/10/2002 07/13/2004 | 11/13/2012 |
| EWD 2098 D APPROVED | Aaron Gene Dalton | 11/13/2012 | 6/30/2013 | | | |
| EWD 2093 B APPROVED | MARTY ALLEN EKLUND | 11/13/2012 | 6/30/2013 | | | 11/13/2012 |
| EWD 2057 D PENDING | EDWARD ESCOCHEA JR | 11/13/2012 | 6/30/2013 | | 11/13/2012 | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------|-----------------|-----------------------------|------------------------|------------|------------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWD 2099 | | Mickey Lee Grubb | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2094 | | CHARLES TRENT MCLAUGHLIN JR | ELITE TECHNIQUES, INC | | |
| D | 11/13/2012 | 6/30/2013 | CAMDEN | | SC |
| APPROVED | | | | | |
| EWD 2100 | | JERAD STEPHEN PAWLESS | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2085 | | Christopher John Ruffer | Saedacco | 01/10/2012 | |
| C | 11/13/2012 | 6/30/2013 | FORT MILL | 11/13/2012 | |
| ACTIVE | | | | | |
| EWD 1878 | | Keith B Scott Jr | Crawford Environmental | | 11/13/2012 |
| D | 11/13/2012 | 6/30/2013 | West Columbia | | SC |
| APPROVED | | | | | |

| Licensee | Effective Date | Name | Business Company | Level D | Level B |
|---------------|---------------------------|----------------------|------------------------------|---------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWD 2101 | ROBERT NEAL SMITH JR | | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2102 | MATTHEW TAYLOR | | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2103 | David Ronnie Testerman Jr | | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2104 | Philip Samuel Thomas | | | | |
| D | 11/13/2012 | 6/30/2013 | | | |
| APPROVED | | | | | |
| EWD 2096 | JOSHUA RYAN WATTS | | | | |
| D | 11/13/2012 | 6/30/2013 | WATTS WELL & PUMP REPAIR LLC | | |
| APPROVED | | | GASTON SC | | |

| License License Level | Effective Date | Name | Expiration Date | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|----------------------|-----------------|--|--------------------------|--------------------|
| EWD 2095 D APPROVED | 11/13/2012 | SAMUEL TODD WILLIAMS | 6/30/2013 | | | |
| EWD 1813 B ACTIVE | 11/13/2012 | David L Williamson | 6/30/2013 | Rowe Drilling Co Savannah GA | 09/09/2003 11/13/2012 | 11/13/2012 |

**NEW & PROMOTED
WATER DISTRIBUTION OPER
NOVEMBER 13, 2012**

Board Roster

11/13/2012

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|------------------------|---|-------------------------|--------------------------|--------------------------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3962 T APPROVED | 11/13/2012 | Rafael Angel Agosto 6/30/2013 USAF Shaw AFB Sumter SC | | | |
| EDS 3951 T APPROVED | 11/13/2012 | DENNIS W. ALEXANDER 6/30/2013 GREENVILLE WATER GREENVILLE SC | | | |
| EDS 3965 T APPROVED | 11/13/2012 | Matthew Douglas Apato 6/30/2013 USAF Shaw AFB Shaw AFB SC | | | |
| EDS 3324 A ACTIVE | 11/13/2012 | Blake W Babb 6/30/2013 Lauren CPW Laurens SC | | 11/10/2009 07/13/2010 | 07/12/2011 11/13/2012 |
| EDS 3649 T ACTIVE | 11/13/2012 | DARLA WATTS BARNETTE 6/30/2013 SANTEE COOPER MONCKS CORNER SC | | 11/13/2012 11/13/2012 | |

| Licensee | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|-----------------|------------------------------------|--------------------------------|---------|------------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3932 T APPROVED | 11/13/2012 | RANDALL GEORGE BELL 6/30/2013 | CITY OF PICKENS PICKENS | SC | |
| EDS 3807 D ACTIVE | 11/13/2012 | Jehrid Carl Beltz 6/30/2013 | Summerville CPW Summerville | SC | 11/13/2012 |
| EDS 3939 T APPROVED | 11/13/2012 | DAVID HOWARD BERESKIN 6/30/2013 | GREENVILLE WATER GREENVILLE | SC | |
| EDS 2192 T APPROVED | 11/13/2012 | JOHN P BOWERS 6/30/2013 | | | |
| EDS 3947 T APPROVED | 11/13/2012 | MATTHEW T. BOYD 6/30/2013 | GREENVILLE WATER GREENVILLE | SC | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|--|--|--------------------------|------------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3376 C ACTIVE | GARRY MICHAEL BUSH 11/13/2012 6/30/2013 | CITY OF CAYCE CAYCE SC | 09/14/2010 11/13/2012 | 11/13/2012 | |
| EDS 3925 T APPROVED | Jeffrey Elliott Calcutt 11/13/2012 6/30/2013 | Holcim (US) Inc Holly Hill SC | | | |
| EDS 3954 T APPROVED | JONATHAN ELLIS CARR 11/13/2012 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | | |
| EDS 3968 T APPROVED | JUSTIN JAY CARTER 11/13/2012 6/30/2013 | CITY OF NORTH MYRTLE BEACH N MYRTLE BEACH SC | | | |
| EDS 3934 T APPROVED | JOSEPH R. CATOE 11/13/2012 6/30/2013 | ALLIGATOR RURAL WATER & SEWE MCBEE SC | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|-----------------|--------------------------------|---|--------------------------|------------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3926 T APPROVED | 11/13/2012 | DARYL RYAN COOPER 6/30/2013 | TOWN OF WAGENER WAGENER SC | | |
| EDS 2233 B ACTIVE | 11/13/2012 | R Dennis Cooper 6/30/2013 | Furman Town of Furman SC | 03/08/2005 09/11/2012 | 11/13/2012 |
| EDS 3503 C ACTIVE | 11/13/2012 | THOMAS A CROWDER 6/30/2013 | LAURENS CPW LAURENS SC | 11/09/2010 11/13/2012 | |
| EDS 3944 T APPROVED | 11/13/2012 | STEVEN LEE CRYMES 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |
| EDS 3937 T APPROVED | 11/13/2012 | DON DUSTY CUMBIE 6/30/2013 | GEORGETOWN CTY. WATER & SE PAWLEYS ISLAND SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|-----------------|-----------------------------------|---|--------------------------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3942 T APPROVED | 11/13/2012 | KEITH OWENS DANIELS 6/30/2013 | CITY OF COLUMBIA COLUMBIA SC | | |
| EDS 3933 T APPROVED | 11/13/2012 | MARCUS CORY DAVIS 6/30/2013 | CITY OF COLUMBIA PUBLIC WORKS COLUMBIA SC | | |
| EDS 3922 T APPROVED | 11/13/2012 | TIMOTHY RALPH DOBBS 6/30/2013 | BEAUFORT JASPER WATER AND S OKATIE SC | | |
| EDS 2401 C ACTIVE | 11/13/2012 | Joseph F Foldesi III 6/30/2013 | Beaufort Jasper Water & Sewer Auth Okatie SC | 09/12/2006 11/13/2012 | |
| EDS 3940 T APPROVED | 11/13/2012 | BOBBY EDWARD GOODWIN 6/30/2013 | CITY OF COLUMBIA COLUMBIA SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|-----------------|------------------------------------|--|---------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3973 T APPROVED | 11/13/2012 | CHARLES VINCENT GREEN 6/30/2013 | CITY OF COLUMBIA COLUMBIA SC | | |
| EDS 3943 T APPROVED | 11/13/2012 | TROY LEE HAGAN 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |
| EDS 3967 T APPROVED | 11/13/2012 | JEREMY WAYNE HARDEE 6/30/2013 | CITY OF NORTH MYRTLE BEACH N MYRTLE BEACH SC | | |
| EDS 3963 T APPROVED | 11/13/2012 | Ian Brent Harr 6/30/2013 | USAF Shaw AFB Sumter SC | | |
| EDS 3953 T APPROVED | 11/13/2012 | JASON LEIGH HARTIN 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------------------|-----------------|------------------------------------|---|---------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3971 T APPROVED | 11/13/2012 | DUSTIN L. HAYES 6/30/2013 | CITY OF CLEMSON CLEMSON SC | | |
| EDS 3414 T APPROVED | 11/13/2012 | ROBBY DEWAYNE HERRING 6/30/2013 | CITY OF N MYRTLE BEACH NORTH MYRTLE BEACH SC | | |
| EDS 3680 T APPROVED | 11/13/2012 | ROBERT GREGORY HILL 6/30/2013 | CITY OF NORTH MYRTLE BEACH NORTH MYRTLE BEACH SC | | |
| EDS 3952 T APPROVED | 11/13/2012 | CHRIS C. HOWARD 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |
| EDS 3935 T APPROVED | 11/13/2012 | JACKSON F. HUGGINS 6/30/2013 | ALLIGATOR RURAL WATER & SEWE MCBEE SC | | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|--|---|--------------------|--------------------|
| EDS 3927 T APPROVED | 11/13/2012 | GARY MATTHEW HUNTLEY 6/30/2012 | SPARTANBURG WATER SPARTANBURG SC | | |
| EDS 3964 T APPROVED | 11/13/2012 | Clayton R Keller 6/30/2013 | USAF Shaw AFB Sumter SC | | |
| EDS 3957 T APPROVED | 11/13/2012 | WILLIAM LEONARD KENNEDY III 6/30/2013 | KIAWAH ISLAND UTILITY INC KIAWAH ISLAND SC | | |
| EDS 3970 T APPROVED | 11/13/2012 | CLAYTON D. KIMBLE 6/30/2013 | CITY OF CLEMSON CLEMSON SC | | |
| EDS 3955 T APPROVED | 11/13/2012 | THOMAS F KING 6/30/2013 | SANTUCK HEBRON WATER CO. INC CARLISLE SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3960 T APPROVED | 11/13/2012 | JOHN BRANTLEY KISER 6/30/2013 | CASSATT WATER COMPANY CASSATT SC | | |
| EDS 3969 T APPROVED | 11/13/2012 | RICHARD EARL LEE 6/30/2013 | CITY OF NORTH MYRTLE BEACH N MYRTLE BEACH SC | | |
| EDS 3778 D ACTIVE | 11/13/2012 | Chester Joseph Lynge 6/30/2013 | Charleston Water System N Charleston SC | 11/13/2012 | |
| EDS 3785 D ACTIVE | 11/13/2012 | William Calvin Macomson III 6/30/2013 | Anderson Regional Joint Water Syste Anderson SC | 11/13/2012 | |
| EDS 3959 T APPROVED | 11/13/2012 | ASHLEY BRENT MANGUM 6/30/2013 | CASSATT WATER COMPANY CASSATT SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3950 T APPROVED | 11/13/2012 | LARRY LASHONE MARTIN 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |
| EDS 3936 T APPROVED | 11/13/2012 | Alessandro S Martini 6/30/2013 | Alligator Rural water & Sewer Co McBee SC | | |
| EDS 3946 T APPROVED | 11/13/2012 | NILES COLLIN MCCALL 6/30/2013 | GREENVILLE WATER GREENVILLE SC | | |
| EDS 3684 D ACTIVE | 11/13/2012 | DANIEL LEE MCLEAN 6/30/2013 | GEORGETOWN COUNTY WATER & PAWLEYS ISLAND SC | 11/13/2012 | |
| EDS 3938 T APPROVED | 11/13/2012 | DOUGLAS S MEADOWS 6/30/2013 | CASSATT WATER CO CASSATT SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3930 T APPROVED | 11/13/2012 | KHYLE WILLIAM MEDLIN 6/30/2013 CITY OF PICKENS PICKENS SC | | | |
| EDS 3206 B ACTIVE | 11/13/2012 | April R Miles 6/30/2013 Orangeburg DPU Water Treatment Pla Orangeburg SC | 11/04/2008 05/12/2009 | 11/13/2012 | |
| EDS 980 B ACTIVE | 11/13/2012 | Stephen L Millwood 6/30/2013 City of Clemson Utilities Dept Clemson SC | 05/08/2001 11/08/2005 | 11/13/2012 | |
| EDS 3565 B ACTIVE | 11/13/2012 | VINCENT P MOLLOY 6/30/2013 CAROLINA WATER SERVICES W COLUMBIA SC | 05/03/2011 07/10/2012 | 11/13/2012 | |
| EDS 3923 T APPROVED | 11/13/2012 | ANGELA GRAY NELSON 6/30/2013 LCWSC LAURENS SC | | | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|---------------------------------|--|--------------------------|--------------------|
| EDS 3710 D ACTIVE | 11/13/2012 | THOMAS LEVI OWENS 6/30/2013 | POWERSVILL WATER DISTRICT EASLEY SC | 11/13/2012 | |
| EDS 3554 B ACTIVE | 11/13/2012 | JEREMY N POWELL 6/30/2013 | CITY OF ANDERSON ANDERSON SC | 11/09/2010 11/08/2011 | 11/13/2012 |
| EDS 3928 T APPROVED | 11/13/2012 | RICHARD JOHN PRING 6/30/2013 | CITY OF SUMTER SUMTER SC | | |
| EDS 3958 T APPROVED | 11/13/2012 | ROGER DERRICK RAY 6/30/2013 | CASSATT WATER COMPANY CASSATT SC | | |
| EDS 2557 T APPROVED | 11/13/2012 | KEITH E RIVERS 11/13/2013 | BJWSA OKATIE SC | | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|------------------------------------|--|--------------------|--------------------|
| EDS 3931 T APPROVED | 11/13/2012 | JAMES DAVID ROBINSON 6/30/2013 | CITY OF PICKENS PICKENS SC | | |
| EDS 3924 T APPROVED | 11/13/2012 | CYNTHIA BROWN SANDERS 6/30/2013 | LCWSC LAURENS SC | | |
| EDS 3941 T APPROVED | 11/13/2012 | ANDRE ANTONIO SARGENT 6/30/2013 | CITY OF COLUMBIA COLUMBIA SC | | |
| EDS 3804 D ACTIVE | 11/13/2012 | SHAWN RANDALL SAULS 6/30/2013 | TOWN OF EHRHARDT EHRHARDT SC | 11/13/2012 | |
| EDS 1610 D APPROVED | 11/13/2012 | Troy E Spann 6/30/2013 | AIKEN PUBLIC WORKS CITY OF AIKEN SC | 11/13/2012 | |

| Licensee | Effective Date | Name | Expiration Date | Business Company | Level D | Level B |
|---------------------------|----------------|-----------------------------|-----------------|--------------------------------------|---------|--|
| License Level | | | | Business City, State | Level C | Level A |
| EDS 3961 T APPROVED | 11/13/2012 | WILLIAM CHAD STOUDEMIRE | 6/30/2013 | SCE&G WATEREE STATION EASTOVER | SC | |
| EDS 3948 T APPROVED | 11/13/2012 | ENOCH CURTIS STRICKLAND III | 6/30/2013 | GREENVILLE WATER GREENVILLE | SC | |
| EDS 3481 C ACTIVE | 11/13/2012 | MARSHALL GENE TILLOTSON | 6/30/2013 | BJWSA OKATIE | SC | 01/05/2011 11/13/2012 |
| EDS 3949 T APPROVED | 11/13/2012 | CHARLES EDWARD TURNER | 6/30/2013 | GREENVILLE WATER GREENVILLE | SC | |
| EDS 3440 B ACTIVE | 11/13/2012 | JOHN VILLEPONTEAUX | 6/30/2013 | BERKLEY COUNTY W&S MONCK'S CORNER | SC | 09/14/2010 09/11/2012 11/13/2012 |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3974 T APPROVED | 11/13/2012 | John W Watkins | Cassatt Water Co CASSATT | SC | |
| EDS 3127 C ACTIVE | 11/13/2012 | AUSTIN M WEBB | BEAUFORT JASPER WATER & SEW OKATIE | SC | 01/05/2011 11/13/2012 |
| EDS 3966 T APPROVED | 11/13/2012 | Daniel Jacob White | USAF Shaw AFB Sumter | SC | |
| EDS 3945 T APPROVED | 11/13/2012 | BOBBY NEAL WHITTEN | GREENVILLE WATER GREENVILLE | SC | |
| EDS 3929 T APPROVED | 11/13/2012 | WILLIAM J. WISE | CITY OF SUMTER SUMTER | SC | |
| EDS 3992 T APPROVED | 11/13/2012 | Curry L. Wilson | City of NMB | Myrtle Beach SC | |

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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EDS 3956 | | | | | |
| T | 11/13/2012 | RISNER H. WOOD | GREENWOOD CPW | | |
| APPROVED | 6/30/2013 | | GREENWOOD | SC | |
| EDS 3972 | | | | | |
| T | 11/13/2012 | CHRISTOPHER CORY WRIGHT | CITY OF NORTH MYRTLE BEACH | | |
| APPROVED | 6/30/2013 | | NORTH MYRTLE BEACH | SC | |
| EDS 2294 | | | | | |
| T | 11/13/2012 | KHONEVILAI XAYADETH | BEAUFORT JASPER WATER & SEW | | |
| APPROVED | 11/13/2013 | | OKATIE | SC | |

**NEW & PROMOTED
WATER TREATMENT OPER
NOVEMBER 13, 2012**

Board Roster

11/13/2012

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8895 T APPROVED | 11/13/2012 | Rafael Angel Agosto 6/30/2013 USAF Shaw AFB Sumter SC | | | |
| EWT 8898 T APPROVED | 11/13/2012 | Matthew Douglas Apato 6/30/2013 USAF Shaw AFB Shaw AFB SC | | | |
| EWT 8872 T APPROVED | 11/13/2012 | MICHAEL WILLIAM BAILEY 6/30/2012 SOUTH ISLAND OSD HILTON HEAD GA | | | |
| EWT 8640 B ACTIVE | 11/13/2012 | JAMES ROBERT BALDWIN 6/30/2013 CITY OF UNION UNION SC | | 11/08/2011 03/13/2012 | 11/13/2012 |
| EWT 8874 T APPROVED | 11/13/2012 | KEVIN ALLEN BECK 6/30/2013 CITY OF COLUMBIA COLUMBIA SC | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 7128 T APPROVED | 11/13/2012 | JOHN P BOWERS 6/30/2013 | | 01/09/2001 | |
| EWT 8879 T APPROVED | 11/13/2012 | MATTHEW D. BRADY 6/30/2013 | BEAUFORT-JASPER WATER & SEW OKATIE SC | | |
| EWT 8883 T APPROVED | 11/13/2012 | ALSTON RICHARD BURGESS 6/30/2013 | INTERNATIONAL PAPER EASTOVER SC | | |
| EWT 8893 T APPROVED | 11/13/2012 | Barney C Carcopa 6/30/2013 | USAF Shaw AFB Sumter SC | | |
| EWT 8877 T APPROVED | 11/13/2012 | JOSEPH R. CATOE 6/30/2013 | ALLIGATOR RURAL WATER & SEWE MCBEE SC | | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|--|---|--------------------|--------------------|
| EWT 8871 T APPROVED | 11/13/2012 | DARYL RYAN COOPER 6/30/2013 | TOWN OF WAGENER WAGENER SC | | |
| EWT 8623 D ACTIVE | 11/13/2012 | RANDY V CRAVEN JR 6/30/2013 | KIAWAH ISLAND UTILITY INC KIAWAH ISLAND SC | 11/13/2012 | |
| EWT 8881 T APPROVED | 11/13/2012 | CREIGHTON BRADLEY EDWARDS 6/30/2013 | CITY OF DILLON DILLON SC | | |
| EWT 8740 E ACTIVE | 11/13/2012 | JAMES ANTHONY FRYE 6/30/2013 | SHAW AFB SUMTER SC | | |
| EWT 8876 T APPROVED | 11/13/2012 | WILLIAM D GAILEY JR 6/30/2013 | ANDERSON CITY OF ANDERSON SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8880 T APPROVED | 11/13/2012 | JUSTIN PAUL GATES 6/30/2013 | CASSATT WATER CO KERSHAW SC | | |
| EWT 8554 T APPROVED | 11/13/2012 | ADAM RAY HARMON 11/13/2013 | LEXINGTON JT MUNICIPAL W & S C Lexington SC | | |
| EWT 8896 T APPROVED | 11/13/2012 | Ian Brent Harr 6/30/2013 | USAF Shaw AFB Sumter SC | | |
| EWT 8420 B ACTIVE | 11/13/2012 | CALVIN DEWAYNE HOLDER 6/30/2013 | EASLEY COMBINED UTILITIES EASLEY SC | 11/10/2009 09/14/2010 | 11/13/2012 |
| EWT 8878 T APPROVED | 11/13/2012 | JACKSON F. HUGGINS 6/30/2013 | ALLIGATOR RURAL WATER & SEWE MCBEE SC | | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|-------------------------------------|--|--------------------------|--------------------------|
| EWT 8873 A APPROVED | 11/13/2012 | GARY MATTHEW HUNTLEY 6/30/2012 | SPARTANBURG WATER SPARTANBURG SC | | 11/13/2012 |
| EWT 8500 A ACTIVE | 11/13/2012 | RALEY DEAN ISHMAEL 6/30/2013 | SANTEE COOPER MONCK'S CORNER SC | 09/14/2010 09/13/2011 | 03/13/2012 11/13/2012 |
| EWT 8620 B ACTIVE | 11/13/2012 | GORDON ALAN JOHNSON 6/30/2013 | | 01/05/2011 | 11/13/2012 |
| EWT 8870 T APPROVED | 11/13/2012 | CHAD MICHAEL JONES JR. 6/30/2013 | ANDERSON REGIONAL JOINT WATER ANDERSON SC | | |
| EWT 8607 C ACTIVE | 11/13/2012 | ERNEST LEE JONES 6/30/2013 | GILBERT-SUMMITT RURAL WATER GILBERT SC | 09/13/2011 11/13/2012 | |

| License | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|-----------------------------|---|--------------------------|--------------------------|
| EWT 8897 T APPROVED | 11/13/2012 | Clayton R Keller | USAF Shaw AFB Sumter SC | | |
| EWT 8081 A ACTIVE | 11/13/2012 | Bryan J Kennedy | SJWD Water District LYMAN SC | 01/10/2006 09/12/2006 | 03/11/2008 11/13/2012 |
| EWT 8884 T APPROVED | 11/13/2012 | WILLIAM LEONARD KENNEDY III | KIAWAH ISLAND UTILITY INC KIAWAH ISLAND SC | | |
| EWT 8888 T APPROVED | 11/13/2012 | JOHN BRANTLEY KISER | CASSATT WATER COMPANY CASSATT SC | | |
| EWT 8887 T APPROVED | 11/13/2012 | ASHLEY BRENT MANGUM | CASSATT WATER COMPANY CASSATT SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------|-----------------------------|---------------------------------|------------------|---------|------------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8886 | Joshua Ray McGuire | VALLEY PUBLIC SERVICE AUTHORITY | | | |
| T | 11/13/2012 | GLOVERVILLE | SC | | |
| APPROVED | | | | | |
| EWT 8854 | Robert Brian McNeil | | | | 11/13/2012 |
| B | 11/13/2012 | | | | |
| ACTIVE | 6/30/2013 | | | | |
| EWT 8882 | STEVEN ERIC MOORE | CITY OF NEWBERRY WATER PLANT | | | |
| T | 11/13/2012 | SILVERSTREET | SC | | |
| APPROVED | | | | | |
| EWT 8894 | Elysia Victoria Quintanilla | USAF Shaw AFB | | | |
| T | 11/13/2012 | Sumter | SC | | |
| APPROVED | | | | | |
| EWT 8889 | ROGER DERRICK RAY | CASSATT WATER COMPANY | | | |
| T | 11/13/2012 | CASSATT | SC | | |
| APPROVED | 6/30/2013 | | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8293 A ACTIVE | 11/13/2012 | Noel V Ruppert | Charleston Water System Hanahan SC | 07/14/2009 01/12/2010 | 07/13/2010 11/13/2012 |
| EWT 8749 D ACTIVE | 11/13/2012 | Timothy Lee Sams | Town of Jackson Jackson SC | 11/13/2012 | |
| EWT 8890 T APPROVED | 11/13/2012 | MICHAEL JOHN SCHMIDT | UTILITIES INC WEST COLUMBIA SC | | |
| EWT 8550 T APPROVED | 11/13/2012 | FLOYD RICHARD SNIPES | CH2 CENTRAL SC | | |
| EWT 8891 T APPROVED | 11/13/2012 | WILLIAM CHAD STOUDEMIRE | SCE&G WATEREE STATION EASTOVER SC | | |

| License | Effective Date | Name | Business Company | Level B | Level A |
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| License Level | Expiration Date | Business City, State | Level C | Level A | Level A |
| EWT 8384 C ACTIVE | DAVID M STRICKLAND SR 11/13/2012 6/30/2013 | City of Manning Manning SC | 10/24/2012 10/24/2012 | | |
| EWT 6863 E ACTIVE | PATRICK R TATMAN 11/13/2012 6/30/2013 | USAF SHAW AFB SC | | | |
| EWT 8223 T APPROVED | Micheal E Thompson 11/13/2012 11/13/2013 | Jenkinsville Water Company Jenkinsville SC | | | |
| EWT 8892 T APPROVED | GRETCHEN TREES 11/13/2012 6/30/2013 | CHARLESTON WATER SYSTEM HANAHAN SC | | | |
| EWT 8900 T APPROVED | EDWARD MICHAEL TUBERION JR 11/13/2012 6/30/2013 | MONMOUTH CTY BAYSHORE OUTF BELFORD NJ | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8885 T APPROVED | 11/13/2012 | CAMERON DELL TUCKER 6/30/2013 | LAURENS CPW LAURENS SC | | |
| EWT 8875 T APPROVED | 11/13/2012 | CHRIS W. ULMER 6/30/2013 | CITY OF COLUMBIA COLUMBIA SC | | |
| EWT 8899 T APPROVED | 11/13/2012 | Daniel Jacob White 6/30/2013 | USAF Shaw AFB Sumter SC | | |
| EWT 7341 T APPROVED | 11/13/2012 | Kevin L Wiggins 6/30/2013 | Carolina Water Service West Columbia SC | 11/06/2001 | |
| EWT 8599 D ACTIVE | 11/13/2012 | Carl F Yurkovic 6/30/2013 | Town of Holly Hill Holly Hill SC | 11/13/2012 | |

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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EWT 8794 | Daniel Curtis Ziegler | Laurens Commission of Public Works | | | |
| E | 11/13/2012 | Laurens | SC | | |
| ACTIVE | 6/30/2013 | | | | |

NEW & PROMOTED P/C
WASTEWATER OPERATORS
NOVEMBER 13, 2012

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| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EPC 7419 D ACTIVE | 11/13/2012 | CHAD A ASHLEY 6/30/2013 | SRR AIKEN SC | 11/13/2012 | |
| EPC 7418 D ACTIVE | 11/13/2012 | LEE CHRISTOPHER ATKINSON 6/30/2013 | | 11/13/2012 | |
| EPC 7727 T APPROVED | 11/13/2012 | Terry Barfield 6/30/2013 | DSM NUTRITIONAL PRODUCTS Kingstree SC | | |
| EPC 7420 D ACTIVE | 11/13/2012 | JAMES ANTHONY BARR 6/30/2013 | SRR C/O CARLTON SHEALY AIKEN SC | 11/13/2012 | |
| EPC 7711 T APPROVED | 11/13/2012 | DEREK WAYNE BERRY 6/30/2013 | | | |

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|---------------------------|----------------|------------------------|-----------------|---|------------|---------|
| License Level | | | | Business City, State | Level C | Level A |
| EPC 7708 T APPROVED | 11/13/2012 | DAVID WALTER BROCK | 6/30/2013 | TOWN OF CHERAW CHERAW SC | | |
| EPC 7466 D ACTIVE | 11/13/2012 | BRUCE GANTT CANNADA | 6/30/2013 | SPECTRA COLORANTS INC UNION SC | 11/13/2012 | |
| EPC 7469 D ACTIVE | 11/13/2012 | PHILIP R DEXTER | 6/30/2013 | SCE&G Jasper Generating Station Hardeeville SC | 11/13/2012 | |
| EPC 7721 T APPROVED | 11/13/2012 | TIMOTHY JOEL DICKEY | 6/30/2013 | URS CHARLOTTE NC | | |
| EPC 7722 T APPROVED | 11/13/2012 | KELVIN JOHNSON DOUGLAS | 6/30/2013 | GE GAS TURBINE GREENVILLE SC | | |

| License License Level | Effective Date | Name | Expiration Date | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|------------------------|-----------------|--|--------------------|--------------------|
| EPC 7718 T APPROVED | 11/13/2012 | DAVID GOGGANS | 6/30/2013 | GEORGIA-PACIFIC WOOD PRODUC PROSPERITY SC | | |
| EPC 7488 D ACTIVE | 11/13/2012 | FREDERICK JOHN HARTWIG | 6/30/2013 | AVX GREENVILLE FOUNTAIN INN SC | 11/13/2012 | |
| EPC 7488 D ACTIVE | 11/13/2012 | FREDERICK JOHN HARTWIG | 6/30/2013 | MITA SOUTH CAROLINA INC FOUNTAIN INN SC | 11/13/2012 | |
| EPC 7716 T APPROVED | 11/13/2012 | WALKER JAMISON HUGGINS | 6/30/2013 | SCHAEFFLER GROUP USA CHERAW SC | | |
| EPC 7710 T APPROVED | 11/13/2012 | GARY MATTHEW HUNTLEY | 6/30/2012 | SPARTANBURG WATER SPARTANBURG SC | | |

| License | Effective Date | Name | Expiration Date | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|--------------------------|-----------------|--|--------------------|--------------------|
| EPC 7729 T APPROVED | 11/13/2012 | MEGAN KATHLEEN HYMAN | 6/30/2013 | ROBERT BOSCH LLC ANDERSON SC | | |
| EPC 7632 D ACTIVE | 11/13/2012 | Christopher Roy Jackson | 6/30/2013 | Duke Energy Seneca SC | 11/13/2012 | |
| EPC 7726 T APPROVED | 11/13/2012 | RICHARD COGBURN JONES JR | 6/30/2013 | | | |
| EPC 7534 D ACTIVE | 11/13/2012 | Ricky Joe Jones | 6/30/2013 | ESAB Welding & Cutting Florence SC | 11/13/2012 | |
| EPC 7709 T APPROVED | 11/13/2012 | JASON THOMAS JORDAN | 6/30/2013 | SCHAEFFLER GROUP USA CHERAW SC | | |

| License | Name | | Business Company | | Level D | Level B |
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| License Level | Effective Date | Expiration Date | Business City, State | Level C | Level A | Level A |
| EPC 7720 T APPROVED | JAMES EDWARD KINARD JR 11/13/2012 | 6/30/2013 | GEORGIA-PACIFIC WOOD PRODUC PROSPERITY SC | | | |
| EPC 7408 T APPROVED | Aleksander P KIRPACH 11/13/2012 | 11/13/2013 | DELFIN GROUP usa N CHARLESTON SC | | | |
| EPC 7715 T APPROVED | COURTNEY CARLYLE LEWIS 11/13/2012 | 6/30/2013 | CATERPILLAR INC FOUNTAIN INN SC | | | |
| EPC 7594 D ACTIVE | Karl Andrew Martus 11/13/2012 | 6/30/2013 | | 11/13/2012 | | |
| EPC 7723 T APPROVED | Amy L McCutcheon 11/13/2012 | 6/30/2012 | Martek Biosciences Kingstree SC | | | |

| License License Level | Effective Date | Name | Business Company Business City, State | Level D Level C | Level B Level A |
|---------------------------|----------------|------------------------------------|--|--------------------------|--------------------|
| EPC 7728 T APPROVED | 11/13/2012 | Kester G McDonald Jr 6/30/2013 | DSM NUTRITIONAL PRODUCTS KINGSTREE SC | | |
| EPC 7719 T APPROVED | 11/13/2012 | JAMES RICHARD MILLER 6/30/2013 | GEORGIA-PACIFIC WOOD PRODUC PROSPERITY SC | | |
| EPC 6634 B ACTIVE | 11/13/2012 | GREGORY S MITCHELL 6/30/2013 | MITSUBISHI POLYESTER FILM, INC. GREER SC | 11/13/2012 11/13/2012 | 11/13/2012 |
| EPC 7717 T APPROVED | 11/13/2012 | JAMES CLYDE MOODY JR 6/30/2013 | GEORGIA-PACIFIC WOOD PRODUC PROSPERITY SC | | |
| EPC 3979 D ACTIVE | 11/13/2012 | RICHARD WALLACE PEAKE 6/30/2013 | PURE POWER TECHNOLOGIES BLYTHEWOOD SC | 11/13/2012 | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EPC 6736 D APPROVED | 11/13/2012 | Christopher M Rocco | URS Corp - Attn Chris Rocco Charlotte NC | 03/14/2006 | |
| EPC 7714 T APPROVED | 11/13/2012 | Keith A Schubert | BEAUFORT JASPER WATER SEWE OKATIE SC | | |
| EPC 7413 D ACTIVE | 11/13/2012 | SAMANTHA L SMITH | SSR C/O CARLTON SHEALY AIKEN SC | 11/13/2012 | |
| EPC 7713 T APPROVED | 11/13/2012 | MATTHEW J SOMERS | APEX TOOL GROUP, LLC SUMTER SC | | |
| EPC 7724 T APPROVED | 11/13/2012 | WILLIAM CHAD STOUDEMIRE | SCE&G WATEREE STATION EASTOVER SC | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
|---------------|-----------------|------------------------|----------------------------|------------|---------|
| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EPC 7416 | 11/13/2012 | THERON W TOMPKINS | SSR C/O CARLTON SHEALY | 11/13/2012 | |
| D | 6/30/2013 | AIKEN | SC | | |
| ACTIVE | | | | | |
| EPC 7712 | 11/13/2012 | JASON AFTON WILKINSON | TIMBAR PACKING AND DISPLAY | | |
| T | 6/30/2013 | BOILING SPRING | SC | | |
| APPROVED | | | | | |
| EPC 7593 | 11/13/2012 | Alton Alexander Wilmer | BMW | 11/13/2012 | |
| D | 6/30/2013 | Greenville | SC | | |
| ACTIVE | | | | | |

NEW & PROMOTED BIO
WASTEWATER OPERATORS
NOVEMBER 13, 2012

Board Roster

11/13/2012

| Licensee | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EBL 14626 D ACTIVE | 11/13/2012 | James Fred Bost 6/30/2013 Shaw Industries Columbia SC | 11/13/2012 | | |
| EBL 10899 C ACTIVE | 11/13/2012 | John L Boyd 6/30/2013 Bowater Catawba SC | 11/13/2012 | | |
| EBL 13618 B ACTIVE | 11/13/2012 | Creighton R Broome 6/30/2013 Berkeley County W&SA Moncks Corner SC | 11/28/2006 03/11/2008 | 11/13/2012 11/13/2012 | |
| EBL 14522 D ACTIVE | 11/13/2012 | CRAIG DEWAYNE CAMPBELL 6/30/2013 V C SUMMER NUCLEAR STATION JENKINSVILLE SC | 11/13/2012 | | |
| EBL 14833 T APPROVED | 11/13/2012 | JOSEPH R. CATOE 6/30/2013 ALLIGATOR RURAL WATER & SEWE MCBEE SC | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EBL 14846 T APPROVED | 11/13/2012 | VIRGINIA T. CHAVIS 6/30/2013 BELGER FARMS CAMDEN SC | | | |
| EBL 14829 T APPROVED | 11/13/2012 | DARYL RYAN COOPER 6/30/2013 TOWN OF WAGENER WAGENER SC | | | |
| EBL 14843 T APPROVED | 11/13/2012 | BRUCE ANDREW DAVIS 6/30/2013 WESTINGHOUSE ELECTRIC COMPA HOPKINS SC | | | |
| EBL 14024 B ACTIVE | 11/13/2012 | Timothy W Davis 6/30/2013 Magnolia Finishing Blacksburg SC | 01/12/2010 07/13/2010 | 11/13/2012 | |
| EBL 14830 T APPROVED | 11/13/2012 | JARVIS B. DENNIS 6/30/2013 CITY OF ANDERSON WWTD ANDERSON SC | | | |

| License | Effective Date | Name | Business Company | Level D | Level B |
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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EBL 13529 T APPROVED | 11/13/2012 | Clinton L Dickey | PICKENS COUNTY PUBLIC SERVICE LIBERTY SC | | |
| EBL 14840 T APPROVED | 11/13/2012 | KELVIN JOHNSON DOUGLAS | GE GAS TURBINE GREENVILLE SC | | |
| EBL 14835 T APPROVED | 11/13/2012 | CREIGHTON BRADLEY EDWARDS | CITY OF DILLON DILLON SC | | |
| EBL 14844 T APPROVED | 11/13/2012 | LOREN WALLACE EWING | CAROLINA CONFERENCE SDA LIBERTY HILL SC | | |
| EBL 14842 T APPROVED | 11/13/2012 | ALLEN SINCLAIR GREAVES | CAROLINA CONFERENCE LIBERTY HILL SC | | |

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| EBL 14832 T APPROVED | 11/13/2012 | ROBERT KEVIN GRIGGS 6/30/2013 | DOMTAR PAPER COMPANY BENNETTSVILLE SC | | |
| EBL 12352 B ACTIVE | 11/13/2012 | Jerry W Hardin Jr 6/30/2013 | Milliken & Company/Magnolia Finishin Blacksburg SC | 09/12/2000 09/11/2001 | 11/13/2012 |
| EBL 14834 T APPROVED | 11/13/2012 | JACKSON F. HUGGINS 6/30/2013 | ALLIGATOR RURAL WATER & SEWE MCBEE SC | | |
| EBL 14255 D ACTIVE | 11/13/2012 | TRACY EDWARD HYMAN 6/30/2013 | CITY OF FLORENCE FLORENCE SC | 11/13/2012 | |
| EBL 14313 B ACTIVE | 11/13/2012 | PHILLIP LOGAN JACKSON 6/30/2013 | AIKEN COUNTY PSA BEECH ISLAND SC | 07/13/2010 07/12/2011 | 11/13/2012 |

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| License Level | Expiration Date | Business City, State | Level C | Level A | |
| EBL 14274 D ACTIVE | 11/13/2012 | ALLEN LEWIS JORDAN 6/30/2013 | TOWN OF FORT LAWN FORT LAWN SC | 11/13/2012 11/13/2012 | 11/13/2012 |
| EBL 14839 T APPROVED | 11/13/2012 | WILLIAM LEONARD KENNEDY III 6/30/2013 | KIAWAH ISLAND UTILITY INC KIAWAH ISLAND SC | | |
| EBL 14540 D ACTIVE | 11/13/2012 | Jamie Ray Long 6/30/2013 | Mitsubishi Polyester Film Greer SC | 11/13/2012 | |
| EBL 14836 T APPROVED | 11/13/2012 | ROBERT CURTIS MANLEY 6/30/2013 | OCONEE JOINT REGIONAL SEWER SENECA SC | | |
| EBL 14516 D ACTIVE | 11/13/2012 | CHARLES RICHARD MCINTOSH 6/30/2013 | MAGNOLIA FINISHING PLANT BLACKSBURG SC | 11/13/2012 | |

| License License Level | Name | | Business Company Business City, State | Level D Level C | | Level B Level A | |
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| | Effective Date | Expiration Date | | | | | |
| EBL 14641 T ACTIVE | GREGORY S MITCHELL 11/13/2012 | 6/30/2013 | mitsubishi polyester film, inc. GREER SC | 11/13/2012 11/13/2012 | | 11/13/2012 11/13/2012 | |
| EBL 12843 B ACTIVE | MICHAEL L MORRIS JR 11/13/2012 | 6/30/2013 | City of Florence FLORENCE SC | 07/09/2002 11/09/2004 | | 11/13/2012 | |
| EBL 14838 T APPROVED | JAMIE L OSBORNE 11/13/2012 | 6/30/2013 | EASTOVER SC | | | | |
| EBL 14198 A ACTIVE | NEERAJ C PATEL 11/13/2012 | 6/30/2013 | GWSA CONWAY SC | 07/10/2012 07/10/2012 | | 07/10/2012 11/13/2012 | |
| EBL 14262 B ACTIVE | David A Patton 11/13/2012 | 6/30/2013 | Town of Lexington Lexington SC | | 11/08/2011 | 11/13/2012 | |

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|----------------------------|----------------|------------------------------------|---|--------------------------|--------------------|
| EBL 14837 T APPROVED | 11/13/2012 | DWIGHT A PAYSEUR 6/30/2013 | INTERNATIONAL PAPER EASTOVER SC | | |
| EBL 14191 T ACTIVE | 11/13/2012 | Smith Plancher 6/30/2013 | Carolina Water Service Charlotte NC | 11/13/2012 | |
| EBL 14496 C ACTIVE | 11/13/2012 | JARRET RATHBURN 6/30/2013 | BEAUFORT JASPER WATER & SEW OKATIE SC | 03/13/2012 11/13/2012 | |
| EBL 14656 D ACTIVE | 11/13/2012 | CARL LEIGH REDDEN 6/30/2013 | GREENWOOD METROPOLITAN GREENWOOD SC | 11/13/2012 | |
| EBL 14592 D ACTIVE | 11/13/2012 | Donna Hokanson Rhodes 6/30/2013 | Greenwood Metropolitan District Greenwood SC | 11/13/2012 | |

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|--------------------------|----------------|---------------------------------|---|--------------------------|--------------------------|
| EBL 14572 D ACTIVE | 11/13/2012 | RANDY A RITTER 6/30/2013 | DORCHESTER COUNTY W&S N CHARLESTON SC | 11/13/2012 | |
| EBL 13317 A ACTIVE | 11/13/2012 | Jeffrey R Rupp 6/30/2013 | REWA GREENVILLE SC | 07/10/2007 11/10/2009 | 09/14/2010 11/13/2012 |
| EBL 14654 D ACTIVE | 11/13/2012 | Matthew Eric Shedd 6/30/2013 | Town of Pendleton Pendleton SC | 11/13/2012 | |
| EBL 14358 B ACTIVE | 11/13/2012 | GERALD K SIMPSON 6/30/2013 | SEABROOK ISLAND UTILITY COMM JOHNS ISLAND SC | 07/13/2010 11/08/2011 | 11/13/2012 |
| EBL 13612 B ACTIVE | 11/13/2012 | Alfred J Sites III 6/30/2013 | RENEWABLE WATER SOURCES GREENVILLE SC | 01/10/2006 | 11/13/2012 |

| Licensee Licensee Level | Name | | Business Company Business City, State | Level | |
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| | Effective Date | Expiration Date | | Level D Level C | Level B Level A |
| EBL 14831 T APPROVED | JOSHUA AARON SMITH 11/13/2012 | 6/30/2012 | P O BOX 251 SPARTANBURG SC | | |
| EBL 14011 C ACTIVE | Phillip S Smith 11/13/2012 | 6/30/2013 | Berkeley County Water & Sewer Auth Moncks Corner SC | 01/13/2009 11/13/2012 | 11/13/2012 11/13/2012 |
| EBL 14449 C ACTIVE | MICHAEL PHILIP STEINBERG 11/13/2012 | 6/30/2013 | MILLIKEN & COMPANY PENDLETON SC | 09/11/2012 11/13/2012 | |
| EBL 14310 D ACTIVE | DAVID M STRICKLAND SR 11/13/2012 | 6/30/2013 | City of Manning Manning SC | 11/13/2012 | |
| EBL 14603 D ACTIVE | Iyad Abbed Subh 11/13/2012 | 6/30/2013 | Mitsubishi Polyester Films Greer SC | 11/13/2012 | |

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| EBL 14845 T APPROVED | MICKEL GENERAL THOMPSON 11/13/2012 6/30/2013 | | | | |
| EBL 14828 A APPROVED | Karl Vernon Von Lindenberg 11/13/2012 6/30/2013 | Synagro Baltimore MD | | 11/13/2012 | |
| EBL 14506 C ACTIVE | EUGENE L. VONVILLE 11/13/2012 6/30/2013 | | | 01/10/2012 11/13/2012 | |
| EBL 14518 C ACTIVE | CHADWICK HOWARD WEST 11/13/2012 6/30/2013 | SPARTANBURG SANITARY SEWER SPARTANBURG SC | | 07/10/2012 11/13/2012 | |
| EBL 10825 T APPROVED | Kevin L Wiggins 11/13/2012 6/30/2013 | Carolina Water Service West Columbia SC | | 07/11/2000 09/11/2001 | |

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| EBL 14841 T APPROVED | 11/13/2012 | Gregory L Wilson | Kohler Company SPARTANBURG SC | | |
| EBL 14576 D ACTIVE | 11/13/2012 | Gregory Carter Womick | Magnolia Finishing Plant Blacksburg SC | 11/13/2012 | |
| EBL 14847 T APPROVED | 11/13/2012 | TOM E WYNN II | GEORGETOWN CTY. WATER & SE PAWLEYS ISLAND SC | | |
| | 6/30/2013 | 6/30/2013 | | | |