

**GREENSVILLE COUNTY WATER AND SEWER AUTHORITY**

**A G E N D A**

**MONDAY, JUNE 20, 2016**

**REGULAR SESSION AT THE CONCLUSION OF THE BOARD OF SUPERVISORS  
MEETING**

- I. CALL TO ORDER
- II. CLOSED SESSION
  - A. Legal Matters
- III. RETURN TO REGULAR SESSION
- IV. CERTIFICATION OF CLOSED MEETING
- V. APPROVAL OF AGENDA
- VI. APPROVAL OF CONSENT AGENDA
  - A. Minutes – See Attachment – A.
  - B. Budgetary Matters – See Attachment – B.
  - C. Warrants – See Attachment – C.
- VII. PUBLIC HEARING – None
- VIII. ITEMS WITH APPOINTMENTS - None
- IX. OLD BUSINESS - None
- X. NEW BUSINESS
  - A. Consulting Engineer Selection – Reservoir and Intake Project – See Attachment – D.
  - B. Three Creek SCADA Project – See Attachment – E.
  - C. Dominion Utilities – US Route 58 West - See Attachment – F.
  - D. Contract Amendments with Dominion – See Attachment – G.
- XI. ADJOURNMENT

At the Regular Meeting of the Greensville County Water and Sewer Authority, held on Monday, June 6, 2016, with Regular Session beginning at the conclusion of the Board of Supervisors meeting, in the Board Room of the Greensville County Government Building, 1781 Greensville County Circle, Emporia, Virginia

Present: Dr. Margaret T. Lee, Vice-Chairman  
Peggy R. Wiley  
Raymond L. Bryant, Jr.

Absent: Michael W. Ferguson, Chairman

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Dr. Lee, Vice-Chairman called the meeting to order.

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In Re: Closed Session

Mr. Whittington, Director, stated that Staff recommended the Authority go into Closed Session, Section 2.2-3711 (a) 1) Personnel Matters.

Mr. Bryant moved, seconded by Mrs. Wiley, to go into Closed Session, as recommended by Staff. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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In Re: Regular Session

Mr. Whittington stated that Staff recommended the Authority return to Regular Session.

Mr. Bryant moved, seconded by Mrs. Wiley, to go into Regular Session. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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In Re: Certification of Closed Meeting – Resolution #WS-16-42

Mr. Bryant moved, seconded by Mrs. Wiley, to adopt the following Resolution. A roll call vote was taken, as follows: Mr. Bryant, aye; Mrs. Wiley, aye and Vice-Chairman Lee, aye.

**RESOLUTION #WS-16-42  
CERTIFICATION OF CLOSED MEETING**

**WHEREAS**, the Greenville Water and Sewer Authority has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provision of the Virginia Freedom of Information Act; and

**WHEREAS**, Section 2.2-3712 of the Code of Virginia requires a certification by the Greenville County Water and Sewer Authority that such closed meeting was conducted in conformity with Virginia law:

**NOW, THEREFORE, BE IT RESOLVED** that the Greenville County Water and Sewer Authority hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Greenville County Water and Sewer Authority.

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In Re: Approval of Agenda

Mr. Whittington stated that Staff recommended approval of the Agenda with no added items.

Mr. Bryant moved, seconded by Mrs. Wiley, to approve the Agenda as submitted. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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In Re: Approval of the Consent Agenda

Mr. Whittington stated that Staff recommended approval of the Consent Agenda.

Mr. Bryant moved, seconded by Mrs. Wiley, to approve the Consent Agenda consisting of the following items. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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Minutes from the meeting of May 16, 2016

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Budgetary Matters consisting of the following: Fund #001 – Journal Voucher #14, in the amount of \$62.50, which is incorporated herein by reference.

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Warrants:

Approval of Total Accounts Payable for June 6, 2016, in the amount of \$76,031.67

Approval of Accounts Payables for the General Fund, in the amount of \$75,129.27

Approval of Accounts Payables for Special Projects, in the amount of \$902.40

Approval of Payroll for May 31, 2016, in the amount of \$96,851.83

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In Re: Georgia Pacific Donation Agreement

Mr. Glen Gibson addressed the Authority stating that raw water for the Authority's water treatment plant was supplied from the Nottoway River via an intake, which was currently owned by the Georgia Pacific Corporation. He stated that utilization of the raw water supply was governed by a long-standing Agreement between the Authority and Georgia Pacific. He also stated that the Jarratt G.P. facility ceased production in November, 2013 and the plant closure required Staff to assume responsibility for the operation and maintenance of the raw water system. He further stated that it was not the intent of the original agreement; therefore, a new agreement had been negotiated between G.P. and the Authority. He then stated that the agreement had been reviewed and approved by the County Attorney. Mr. Gibson then reviewed the important points of the agreement. He then stated that Staff recommended that the Authority authorized the Director to execute the Agreement and the supporting documents.

Mr. Whittington stated that the Staff had been negotiating the agreement with G.P. for several years. He stated that it gave direct control of the water intake structure and authority to withdraw water from the Nottoway River for use and treatment by the water treatment plant. He also stated that it gave the lands and rights needed after and during the construction of the reservoir to get the raw water from the reservoir to the water treatment plant. He further stated that it gave a reasonable amount of room to expand the water treatment in the future when additional water resources were needed.

Mr. Bryant moved, seconded by Mrs. Wiley, to approve Staff's recommendation. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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In Re: Economic Development Administration Grant Announcement

Mrs. Natalie Slate stated that Greenville County and the Greenville County Water and Sewer Authority as co-applicants would receive \$2.6 million from the U.S. Department of Commerce's Economic Development Administration Department. She stated that the money would be used for infrastructure improvements to support the development of the Mid-Atlantic Advanced Manufacturing Center in Greenville County. She also stated that the development of MAMaC had been a priority of the Board and the Authority for several years. She further stated that the support of the U.S. Economic Development Administration would assist with the construction of the waterline to bring potable water directly to the MAMaC site. She then stated that water main extensions would be engineered to serve the future clients of MAMaC. Mrs. Slate stated that it would also be used to bring water to the new Dominion Power Plant. She stated that the Authority would construct a new 14" waterline along Otterdam Road and replace an existing 8" on Allen Road with a 16" waterline. She also stated that the goal of the MAMaC development team was to continue to reduce the timeline it would take for a client to become operational once they chose the MAMaC site. She further stated that with the construction, water would be immediately available to a potential developer, cutting a nine to twelve months design and construction timeline down to zero. She then stated that Staff had worked with EDA for seven months to obtain the grant.

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In Re: VRA Loan Documents

Mrs. Brenda Parson addressed the Authority stating that the loan documents in the agenda included the Support Agreement between the Authority and Greenville County, a Resolution authorizing the issuance of bonds for the construction of a reservoir and also the Local Bond Sale and Financing Agreement. She stated that Staff was requesting the Authority's approval of Resolution #WS-16-44, authorizing the principal amount of the bond not to exceed \$2.4 million, with an interest cost not to exceed 5.5%. She further stated that the Authority and the County would need to enter into a support agreement which was the same as the agreement that was approved by the Board of Supervisors. She then stated that the Resolution also approved the financing for the acquisition of the land and the financing of the capitalized interest and any debt service reserved funds.

Mr. Bryant moved, seconded by Mrs. Wiley, to approve Resolution #WS-16-44 and the Support Agreement. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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In Re: Miscellaneous Matters

Mr. Whittington stated that the Staff Work Programs were prepared for the Authority's review and comments.

Vice-Chairman Lee asked if anyone had any questions. There were none.

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In Re: Adjournment

There being no further business to discuss, Mr. Bryant moved, seconded by Mrs. Wiley, to adjourn the meeting. Voting aye: Mr. Bryant, Mrs. Wiley and Vice-Chairman Lee.

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Margaret T. Lee, Vice-Chairman  
Greenville County Water and Sewer Authority



FROM DATE- 6/20/2016  
 TO DATE- 6/20/2016  
 GREENSBORO COUNTY WATER  
 DEPT 6 - 02010 \*\*OTHER ASSETS\*\*

6/23/2016  
 06375  
 FUND 1 - 001 \*\*MAINTENANCE FUND\*\*

CHARGE TO INVOICE  
 DATE \$\$\$ PAY \*\*

DEPT 6 - 02010 \*\*OTHER ASSETS\*\*

DEPT 6 - 02010 \*\*UTILITY MAINTENANCE\*\*

| DESCRIPTION           | INVOICE     | DATE      | \$\$\$ PAY ** |
|-----------------------|-------------|-----------|---------------|
| ***** OTHER ASSETS**  |             |           |               |
| WESTERN EXPRESS       | REFUND/7079 | 6/01/2016 | 54.02         |
| LAURENSA OBIT         | REFUND/5261 | 6/01/2016 | 47.09         |
| ACEEN SANDPORN ESTATE | REFUND/7378 | 6/02/2016 | 19.88         |
| TYRESE JACKSON        | REFUND/7408 | 6/02/2016 | 19.88         |
| ORGINITHA TYLER       | REFUND/7595 | 6/01/2016 | 48.28         |
| HEITA TAYLOR-PERSON   | REFUND/7520 | 6/01/2016 | 33.70         |
| SPYRAME TALL          | REFUND/7567 | 6/02/2016 | 66.36         |
| WENDEAR ROBERTALD     | REFUND/7497 | 6/01/2016 | 127.19        |
| STEVEN H. JOHNSON     | REFUND/7027 | 6/02/2016 | 127.19        |
| TOTAL                 |             |           | 541.59 *      |
| TOTAL                 |             |           | 541.59        |

| DESCRIPTION             | INVOICE      | DATE      | \$\$\$ PAY ** |
|-------------------------|--------------|-----------|---------------|
| ***** LIABILITY**       |              |           |               |
| TOWN OF GORRITT         | 0 TAX/5-2016 | 5/31/2016 | 390.02        |
| CITY OF ENFIDIA         | 0 TAX/5-2016 | 5/31/2016 | 129.14        |
| TREASURER OF GREENSBORO | 0 TAX/5-2016 | 5/31/2016 | 8,259.48      |
| TOTAL                   |              |           | 8,778.64 *    |
| TOTAL                   |              |           | 8,778.64      |

| DESCRIPTION             | INVOICE         | DATE      | \$\$\$ PAY ** |
|-------------------------|-----------------|-----------|---------------|
| ***** ADMINISTRATION**  |                 |           |               |
| B & B CONSULTANTS, INC. | 19971           | 5/24/2016 | 1,150.00      |
| EASY TIME CLOCK, LLC    | 342991          | 6/12/2016 | 1,150.00 *    |
| FITNEY BOWES GLOBAL     | 3300613079      | 5/25/2016 | 3.75 *        |
| FITNEY BOWES            | POST/00R-00Y 16 | 5/31/2016 | 59.40 *       |
| VENIZON                 | 634-2351/5-16   | 5/28/2016 | 501.92 *      |
| PLITY GASK              | 3366            | 5/09/2016 | 199.40 *      |
| BULL CORPORATION        | 6196196         | 5/26/2016 | 6.00 *        |
| SAGLEN BROTHERS BIL CO  | 1101133         | 5/31/2016 | 119.94 *      |
| TOTAL                   |                 |           | 42.50 *       |
| TOTAL                   |                 |           | 2,082.91      |

| DESCRIPTION                      | INVOICE  | DATE      | \$\$\$ PAY ** |
|----------------------------------|----------|-----------|---------------|
| ***** UTILITY MAINTENANCE**      |          |           |               |
| UTILITY MAINTENANCE              | 05160234 | 5/31/2016 | 77.70         |
| CONSTRUCTION SERVICES: WESS UTIL |          |           | 77.70 *       |

ACCOUNTS PAYABLE LIST  
SPEARVILLE COUNTY WATER  
DEPT # - 020000 MAINTENANCE\*\*

FROM DATE - 6/20/2016  
TO DATE - 6/28/2016  
FUND # - 001 MAINTENANCE EXPENDITURES\*\*

| MEMORANDUM               | CHANGE TO | DESCRIPTION                    | INVOICE#        | DATE      | AMOUNT     |
|--------------------------|-----------|--------------------------------|-----------------|-----------|------------|
| REPAIRS TIME & MNTN CARE |           | REPAIRS & MAINTENANCE SERVICES |                 |           |            |
| PTNEY BONES GLOBAL       |           | MAINTENANCE CONTRACTS          | 0055481         | 5/11/2016 | 15.99 *    |
|                          |           |                                | 3308613079      | 5/25/2016 | 15.99 *    |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 268020100/6-16  | 6/06/2016 | 29.70 *    |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 268100600/6-16  | 6/06/2016 | 21.85      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 268100100/6-16  | 6/06/2016 | 134.79     |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 2684102100/6-16 | 6/06/2016 | 97.34      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 2684200700/6-16 | 6/06/2016 | 63.84      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3879500100/6-16 | 6/06/2016 | 75.79      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3883900900/6-16 | 6/06/2016 | 187.54     |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3884700400/6-16 | 6/06/2016 | 25.82      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3887400400/6-16 | 6/06/2016 | 94.89      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3888500800/6-16 | 6/07/2016 | 20.23      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 3892000800/6-16 | 6/07/2016 | 67.08      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 4383300701/6-16 | 6/08/2016 | 28.13      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 4383301101/6-16 | 6/08/2016 | 34.41      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 4394800400/6-16 | 6/08/2016 | 17.42      |
| MECLARENBS ELECTRIC COOP |           | ELECTRICAL SERVICES            | 4394800500/6-16 | 6/08/2016 | 378.34     |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 1250870001/5-16 | 6/01/2016 | 584.19     |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 14474352/5-16   | 5/27/2016 | 87.85      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 1672852133/5-16 | 6/01/2016 | 12.95      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 2250897507/5-16 | 6/02/2016 | 315.95     |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 3631895001/5-16 | 6/02/2016 | 17.91      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 3880912500/5-16 | 6/01/2016 | 8.47       |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 4200547501/6-16 | 6/02/2016 | 104.60     |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 5401867500/6-16 | 6/02/2016 | 13.84      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 5611825000/6-16 | 6/02/2016 | 17.80      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 571313120/5-16  | 6/02/2016 | 38.87      |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 706195001/5-16  | 6/01/2016 | 266.12     |
| DOMINION VERMONTA POWER  |           | ELECTRICAL SERVICES            | 7140012509/5-16 | 6/01/2016 | 507.87     |
| VERIZON                  |           | TELECOMMUNICATIONS             | 336-0129/5-16   | 6/02/2016 | 17.24      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 348-0513/5-16   | 6/02/2016 | 3,185.12 * |
| VERIZON                  |           | TELECOMMUNICATIONS             | 349-4776/5-16   | 6/07/2016 | 58.42      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 535-8022/5-16   | 5/26/2016 | 97.74      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 535-8569/5-16   | 5/28/2016 | 21.45      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 634-9085/5-16   | 5/28/2016 | 58.37      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 634-6731/5-16   | 6/04/2016 | 51.87      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 634-9178/5-16   | 5/28/2016 | 213.69     |
| VERIZON                  |           | TELECOMMUNICATIONS             | 634-9487/5-16   | 6/01/2016 | 21.78      |
| VERIZON                  |           | TELECOMMUNICATIONS             | 250692          | 6/01/2016 | 53.21      |
| ORANGE COUNTRY SEND INC  |           | UNIFORM RENTAL                 | 46844793        | 6/02/2016 | 21.45      |
| J ORSENT WREY            |           | TRAVEL AND TRAINING            | RELEASE/5-2016  | 5/31/2016 | 29.98      |
| HILLTOP FACILS           |           | TRAVEL AND TRAINING            | RELEASE/5-2016  | 5/31/2016 | 619.96 *   |
|                          |           |                                |                 |           | 82.43 *    |
|                          |           |                                |                 |           | 39.96      |
|                          |           |                                |                 |           | 17.42      |





6/13/2016 FROM DATE - 6/20/2016  
 01275 TO DATE - 6/20/2016  
 FUND 0 - 001 MAOPERATING EXPENDITURES\*\*

ACCOUNTS PAYABLE LIST  
 GREENVILLE COUNTY WATER  
 DEPT 0 - 01000 WEFILLED FROM SEWAGE TREAT. PLANTS

| MEMBER NAME               | CHANGE TO           | DESCRIPTION | INVOICE        | DATE      | INVOICE | SS         | PAY | SS |
|---------------------------|---------------------|-------------|----------------|-----------|---------|------------|-----|----|
| RECOLEMAN'S ELECTRIC CORP | ELECTRICAL SERVICES |             | 33893018074-16 | 6/06/2016 |         | 1,970.05   |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             | 348-3778/5-16  | 5/26/2016 |         | 1,970.05 * |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             | 250651         | 6/01/2016 |         | 21.45      |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 59.95      |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 91.40 *    |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 6.49       |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 3.58       |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 168.54     |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 373.46     |     |    |
| WELECO                    | TELECOMMUNICATIONS  |             |                |           |         | 152.07 *   |     |    |
|                           |                     | TOTAL       |                |           |         | 2,933.22   |     |    |

| MEMBER NAME                       | CHANGE TO                 | DESCRIPTION | INVOICE    | DATE      | INVOICE | SS         | PAY | SS |
|-----------------------------------|---------------------------|-------------|------------|-----------|---------|------------|-----|----|
| WETREE CREEK SEWAGE TREAT. PLANTS |                           |             |            |           |         | 356.00     |     |    |
| JAMES R REED & ASSOC INC          | LABORATORY SERVICES       |             | 1605146    | 5/31/2016 |         | 1,081.00   |     |    |
| JAMES R REED & ASSOC INC          | LABORATORY SERVICES       |             | 1605150    | 5/31/2016 |         | 1,437.00 * |     |    |
| EPHRAIM HARDWARE CO., INC         | DISINFECTION BLOB REPAIRS |             | 3530       | 5/23/2016 |         | 140.60     |     |    |
| EPHRAIM HARDWARE CO., INC         | DISINFECTION BLOB REPAIRS |             | 3533       | 5/23/2016 |         | 15.35      |     |    |
| EPHRAIM HARDWARE CO., INC         | DISINFECTION BLOB REPAIRS |             | 3536       | 5/23/2016 |         | 20.15      |     |    |
| SLAYTER & CLARY                   | DISINFECTION BLOB REPAIRS |             | 12413      | 5/31/2016 |         | 90.00      |     |    |
| WITNEY YARNES GLOBAL              | MAINTENANCE CONTRACTS     |             | 3300613079 | 5/25/2016 |         | 268.10 *   |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             | 250651     | 6/01/2016 |         | 29.70 *    |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             | 46844796   | 6/02/2016 |         | 59.95 *    |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             | 0230977    | 5/28/2016 |         | 74.29      |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 94.29 *    |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 7.49       |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 7.49 *     |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 25.96      |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 25.98 *    |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 336.36     |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 336.36 *   |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 312.38     |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 312.38 *   |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 110.29     |     |    |
| WELECO                            | TELECOMMUNICATIONS        |             |            |           |         | 110.29 *   |     |    |
|                                   |                           | TOTAL       |            |           |         | 2,679.59   |     |    |

| MEMBER NAME         | CHANGE TO                      | DESCRIPTION | INVOICE         | DATE      | INVOICE | SS       | PAY | SS |
|---------------------|--------------------------------|-------------|-----------------|-----------|---------|----------|-----|----|
| WESEWASE SERVICES** |                                |             |                 |           |         | 253.26   |     |    |
| CITY OF EMPORIA     | CONSTRUCTION SERVICES: EMPORIA |             | 08E/ACCT 1/4-16 | 5/31/2016 |         | 739.84   |     |    |
| CITY OF EMPORIA     | CONSTRUCTION SERVICES: EMPORIA |             | 08E/ACCT 1/5-16 | 5/31/2016 |         | 493.12 * |     |    |
|                     |                                | TOTAL       |                 |           |         | 493.12   |     |    |

6/13/2016 FROM DATE- 6/20/2016  
 0P32E TO DATE- 6/20/2016  
 FORD # - 001 WAREHOUSING EXPENDITURES\*\*

ACCOUNTS PAYABLE LIST  
 BRENDSVILLE COUNTY WATER  
 DEPT # - 033000 WAREHOUSE SERVICES\*\*

VENOR NAME CHARGE ID INVOICE# INVOICE DATE \$5 PAY #

DEPT # - 034000 WAREHARTT SEWAGE TREATMENT PLANT\*\*

| VENOR NAME                           | CHARGE ID                     | INVOICE#      | INVOICE DATE | \$5 PAY # |
|--------------------------------------|-------------------------------|---------------|--------------|-----------|
| **WAREHARTT SEWAGE TREATMENT PLANT** |                               |               |              |           |
| JAMES R REED & ASSOC INC             | LABORATORY SERVICES           | 1605149       | 5/31/2016    | 587.00 *  |
| SOUTHERN KIRKBRID PUMPS              | ELECTRICAL SERVICES           | 3000055032-15 | 6/01/2016    | 968.95 *  |
| VEZINER                              | TELECOMMUNICATIONS            | 535-073075-16 | 6/04/2016    | 45.58 *   |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228240-1H    | 5/27/2016    | 45.58 *   |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H    | 5/27/2016    | 188.54    |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H    | 5/27/2016    | 273.46    |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H    | 5/27/2016    | 542.00 *  |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H    | 5/27/2016    | 331.25 *  |
| WATER SUPPLY, INC                    | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H    | 5/27/2016    | 331.25 *  |
| TOTAL                                |                               |               |              | 2,054.70  |

DEPT # - 035000 WASKIFFERS SEWAGE TREAT. PLANT\*\*

| VENOR NAME                         | CHARGE ID                     | INVOICE#   | INVOICE DATE | \$5 PAY #  |
|------------------------------------|-------------------------------|------------|--------------|------------|
| **WASKIFFERS SEWAGE TREAT. PLANT** |                               |            |              |            |
| J & B CONSULTANTS, INC.            | PROF. SERVICES-ENGINEERING    | 19873      | 5/24/2016    | 2,204.00   |
| JAMES R REED & ASSOC INC           | LABORATORY SERVICES           | 1605147    | 5/31/2016    | 2,284.00 * |
| EPICORIA HARDWARE CO., INC         | REPAIR & MAINTENANCE SUPPLIES | 3358-1     | 5/03/2016    | 610.00 *   |
| EPICORIA HARDWARE CO., INC         | REPAIR & MAINTENANCE SUPPLIES | 3363       | 5/03/2016    | 610.00 *   |
| EPICORIA HARDWARE CO., INC         | REPAIR & MAINTENANCE SUPPLIES | 3380       | 5/03/2016    | 84.20      |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H | 5/05/2016    | 17.45      |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H | 5/05/2016    | 2.10       |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H | 5/27/2016    | 188.54     |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H | 5/27/2016    | 373.45     |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H | 5/27/2016    | 373.45     |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H | 5/27/2016    | 33.37      |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228241-1H | 5/27/2016    | 679.11 *   |
| WATER SUPPLY, INC                  | REPAIR & MAINTENANCE SUPPLIES | 0228242-1H | 5/27/2016    | 993.75 *   |
| TOTAL                              |                               |            |              | 993.75 *   |
| TOTAL                              |                               |            |              | 4,486.86   |

DEPT # - 041100 HOSPITAL PROJECTIONS\*\*

| VENOR NAME               | CHARGE ID                      | INVOICE# | INVOICE DATE | \$5 PAY # |
|--------------------------|--------------------------------|----------|--------------|-----------|
| **HOSPITAL PROJECTIONS** |                                |          |              |           |
| SLAYTON & CLARY          | SCADA CONTROLS SYSTEM          | 12413    | 5/31/2016    | 437.50    |
| SLAYTON & CLARY          | EXIT QUENCH WATER CONVERTER PT | 12413    | 5/31/2016    | 437.50 *  |
| TOTAL                    |                                |          |              | 220.00 *  |
| TOTAL                    |                                |          |              | 657.50    |

DEPT # - 065200 WAREHP - IH-TAKE\*\*

| VENOR NAME           | CHARGE ID            | INVOICE# | INVOICE DATE | \$5 PAY # |
|----------------------|----------------------|----------|--------------|-----------|
| **WAREHP - IH-TAKE** |                      |          |              |           |
| SLAYTON & CLARY      | PROF. SERVICES-LEGAL | 12413    | 5/31/2016    | 745.00    |
| TOTAL                |                      |          |              | 745.00 *  |

ACCOUNTS PAYABLE LIST  
GREENVILLE COUNTY WATER  
DEPT 3 - 065300 WASTWP - IN-TAKERS

FROM DATE - 6/20/2016  
TO DATE - 6/20/2016  
PURCHASING EXPENDITURES

| VENOR NAME                                      | CHANGE TO  | DESCRIPTION | INVOICE | DATE       | ISS PAY # |
|---|------------|-------------|---------|------------|-----------|
| R R CONSULTANTS, INC.                           | CONFERENCE |             | 18672   | 5/24/2016  | 787.50    |
|   |            |             |         | TOTAL      | 787.50    |
|   |            |             |         | TOTAL      | 1,552.50  |
| DEPT 3 - 065400 WASTWP SLUDGE HANDLING PROJECTS |            |             |         |            |           |
|   |            |             | 18868   | 5/24/2016  | 2,703.50  |
|   |            |             |         | TOTAL      | 2,703.50  |
| DEPT 3 - 065500 WASTWP SLUDGE HANDLING PROJECTS |            |             |         |            |           |
|   |            |             | 17413   | 5/31/2016  | 692.50    |
|   |            |             |         | TOTAL      | 692.50    |
|   |            |             |         | TOTAL      | 3,496.00  |
|   |            |             |         | FUND TOTAL | 48,259.35 |
|   |            |             |         | TOTAL DUE  | 48,259.35 |

APPROVED

Signed Quinn Whitley

Aracelis Anderson  
TITLE

6/13/16  
DATE

6/13/2016 FROM DATE- 6/20/2016 ACCOUNTS PAYABLE CHECKS  
TO DATE- 6/20/2016 GREENSBORO COUNTY WATER

FUND NO. RESOLUTION

6/13/2016

48,250.35

48,250.35

TOTAL

6/23/2016  
 FUND # - 001 \*\*OPERATING EXPENSES\*\*  
 FUND # - 001 \*\*OPERATING EXPENSES\*\*

ACCOUNTS PAYABLE LIST  
 GREENVILLE COUNTY WATER  
 DEPT # - 021000 \*\*WATER PURCHASES\*\*

MEMBER NAME      CHARGE TO      INVOICE      INVOICE      CHECK      #      PAY      #

DESCRIPTION      DATE      PER      DATE      DATE      #      PAY      #

DEPT # - 021000 \*\*WATER PURCHASES\*\*  
 WATER PURCHASES  
 NORTHAMPTON COUNTY PUBLIC PURCHASE OF WATER: MONTH  
 21062274-2016 5/31/2016 599.00  
 NORTHAMPTON COUNTY PUBLIC PURCHASE OF WATER: MONTH  
 430656875-2016 5/31/2016 79.20  
 TOTAL 677.20 \*

DEPT # - 022000 \*\*SEWAGE SERVICES\*\*

SEWAGE SERVICES  
 NORTHAMPTON COUNTY PUBLIC OPERATIONAL SERVICES: SEST  
 21062274-2016 5/31/2016 623.50  
 TOTAL 623.50 \*

FUND TOTAL 1,300.70  
 TOTAL DUE 1,300.70

Approved \_\_\_\_\_  
 Signed Quinn Whitley 6/13/16  
 Title Finance Supervisor Date

6/13/2016

FROM DATE- 6/13/2016  
TH DATE- 6/13/2016

RECEIVED PAROLE CHECKS  
GREENSBORO COUNTY WATER

PAGE 1

FUND NO. VERIFICATION

AS PAY \$5

001 OPERATING EXPENDITURES  
WTR

\$1,500.70  
1,500.70

MURKIN'S PAYABLE LIST  
GREENSBORO HAS ROTH  
DEPT # - 07000 \*PROJECT ADMINISTRATION\*

FRS DATE- 6/20/2016  
FR DATE- 6/20/2016  
FUND # - 501 -GENERAL FUND\*

| PERSON NAME                             | CHARGE ID | DEPARTMENT | INVOICE DATE | INVOICE PAY | CHECK DATE | ** PAY **  |
|---|-----------|------------|--------------|-------------|------------|------------|
| DEPT # - 07000 *PROJECT ADMINISTRATION* |           |            |              |             |            |            |
| **PROJECT ADMINISTRATION**              |           |            |              |             |            |            |
| B & B CONSULTANTS INC                   |           | 19864      | 5/24/2016    |             | 6/20/2016  | 607.50     |
| B & B CONSULTANTS INC                   |           | 19865      | 5/24/2016    |             | 6/20/2016  | 590.00     |
|   |           |            |              |             |            | 1,197.50 * |
| SLAYTON & CLARY                         |           | 12313      | 5/31/2016    |             | 6/20/2016  | 45.00      |
| SLAYTON & CLARY                         |           | 12314      | 5/31/2016    |             | 6/20/2016  | 105.00     |
|   |           |            |              |             |            | 150.00 *   |
| SLAYTON & CLARY                         |           | 12319      | 1/31/2016    |             | 6/20/2016  | 150.00     |
| SLAYTON & CLARY                         |           | 12409      | 5/31/2016    |             | 6/20/2016  | 165.00     |
|   |           |            |              |             |            | 315.00 *   |
|   |           |            |              |             |            | 1,652.50   |

| DEPT # - 07300 *ROUTE 59/607605 WATERLINE* |  |       |            |  |           |          |
|--|--|-------|------------|--|-----------|----------|
| SLAYTON & CLARY                            |  | 12392 | 12/31/2015 |  | 6/20/2016 | 532.50   |
|  |  |       |            |  |           | 532.50 * |
|  |  |       |            |  |           | 532.50   |
|  |  |       |            |  |           | TOTAL    |

| DEPT # - 07400 *SARITARY SEWER SYSTEM IMP* |  |       |            |  |           |            |
|--|--|-------|------------|--|-----------|------------|
| B & B CONSULTANTS INC                      |  | 19869 | 5/24/2016  |  | 6/20/2016 | 4,699.20   |
|  |  |       |            |  |           | 4,699.20 * |
| SLAYTON & CLARY                            |  | 12302 | 12/31/2015 |  | 6/20/2016 | 532.50     |
| SLAYTON & CLARY                            |  | 12321 | 1/31/2016  |  | 6/20/2016 | 90.00      |
|  |  |       |            |  |           | 622.50 *   |
| SLAYTON & CLARY                            |  | 12302 | 12/31/2015 |  | 6/20/2016 | 60.00      |
| SLAYTON & CLARY                            |  | 12321 | 1/31/2016  |  | 6/20/2016 | 375.00     |
|  |  |       |            |  |           | 435.00 *   |
|  |  |       |            |  |           | 5,756.70   |

| DEPT # - 07500 *WALLEN REPORTS/NO WATERLINE* |  |       |           |  |           |            |
|--|--|-------|-----------|--|-----------|------------|
| SLAYTON & CLARY                              |  | 12321 | 1/31/2016 |  | 6/20/2016 | 60.00      |
|  |  |       |           |  |           | 60.00 *    |
|  |  |       |           |  |           | 60.00      |
|  |  |       |           |  |           | TOTAL      |
|  |  |       |           |  |           | FUND TOTAL |
|  |  |       |           |  |           | 8,001.70   |
|  |  |       |           |  |           | TOTAL DUE  |
|  |  |       |           |  |           | 8,001.70   |

APPROVED \_\_\_\_\_  
 Signed Alice Whitty Title \_\_\_\_\_  
 Date 6/13/16

6/13/2014

FROM DATE- 6/20/2014  
THRU DATE- 6/20/2014

ACCOUNTS PAYABLE CHECKS  
GREENSBORO CO EMS AUTH

PAGE 1

FROM BL. GREENSBORO

\$\$\$ PAY \$\$\$

\$\$\$ GREENSBORO  
TOTAL

\$\$\$ 001.70  
\$\$\$ 0,001.70

## GREENSVILLE COUNTY WATER AND SEWER AUTHORITY

TO: Greenville County Water and Sewer Authority

FROM: Moses A. Clements, Public Works/Assistant Authority Director, *MAC*

RE: Consulting Engineer Selection – Reservoir and Intake Project

DATE: June 10, 2016

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The Authority is planning the construction of a new raw water reservoir, intake, and transmission line. The next step in this process is to employ a consulting engineer to design, bid, and administer the project.

In order to move the process forward an engineering selection committee was formed. The selection committee members are the Authority's Utility Projects Coordinator, Glen Gibson, and myself. The Committee advertised the project and directly solicited all of the appropriate engineering firms on the County Bid List.

One engineering firm responded to the advertisement. The selection committee reviewed the proposal, conducted an interview with the respondent, and determined that the engineering project should be awarded to B&B Consultants, Inc.

Accordingly, I request the following actions by the Authority:

- Authorize the staff to negotiate a contract with B&B Consultants, Inc. for the design, bidding, and contract administration for the US Route 58 West Water and Sewer Extension Project.
- Authorize the Authority Director to execute the engineering contract contingent on:
  - review and approval by the County Attorney,
  - and review and approval by any funding agencies associated with the project.

Thank you for your attention to this matter.

s.

**GREENSVILLE COUNTY  
WATER AND SEWER AUTHORITY**

TO: Greensville County Water and Sewer Authority  
FROM: Glen Gibson, Utility Projects Coordinator  
RE: Three Creek SCADA (Supervisory Control and Data Acquisition) Project  
DATE: June 13, 2016

---

The Authority needs to procure a contractor for the Three Creek Wastewater Treatment Plant SCADA project. On September 21, 2015 the Authority adopted resolution 15-69, authorizing the Authority to procure the equipment and programming by competitive negotiation. The Staff advertized for this service in the local newspaper and mailed requests for proposals to SCADA contractors on the Authority's Bid List.

Members of the Authority Staff and Mr. Carroll interviewed three SCADA contractors on May 20, 2016. The Staff concluded Dorsett Technologies should be selected to provide the service.

The project will replace the 27 year old control system at the Three Creek Wastewater Treatment Facility and four large wastewater pump stations.

I respectfully recommend the Authority take the following actions:

- Award the SCADA contract to Dorsett Technologies, in the amount of \$129,000. I have attached a copy of their proposal for your review.
- Authorize the Authority Director to execute a contract prepared by the County Attorney, Mr. Russell Slayton.

Please contact me if you have any questions or need additional information. Thank you for your attention to this matter.



June 7, 2016

Greensville County Water and Sewer Authority

1781 Greensville County Circle  
Emporia, VA 23847

Reference: Three Creek Wastewater Treatment Plant SCADA Replacement Project

Dear Glen:

We are pleased to provide a proposal to include a fully functional SCADA system for Greensville County. This proposal includes the Dorsett Technologies InfoScan system communicating via ethernet wireless bridge network at the plant. The server will be located in the main control building. The county will be able to access its system via the local HMI at the main control building and through a web browser, smart phones, tablet, etc. at its convenience. Credentials will be assigned to the desired parties. In addition, the access can be modified from view only to control abilities. This is your preference.

The design within the plant is as follows; RTU's will be installed at the Main Control Building, The Pump Station Building, and The Blower Building. Again, these will all communicate back to the Main Control Building via ethernet wireless bridge.

The remote locations will each be equipped with an RTU and communicate back to the Main Control Building via cellular technology. This proposal includes turnkey pricing to provide, install, and start up four remote pump stations. I/O list for each site are provided below in block diagram form.

The system proposed can easily absorb any growth or expansion of Greensville County's water and wastewater SCADA system. Dorsett Technologies does not require service contracts and licensing fees. With the purchase the InfoScan software we offer a level of value added benefits that are unmatched in the industry. We offer free upgrades on the InfoScan software for the life of the system, and free training in Yadkinville, NC. Our InfoScan system is delivered to handle more than 100,000 I/O points. We also offer 24 hour a day/7 day a week phone and internet coverage at no cost. The internet connection will be the responsibility of the county. These cost saving benefits will allow for a very economic growth strategy. We look forward to working with Greensville County to develop and implement a tool of efficiency.

The following proposal is based off the information acquired during the pre bid meeting and site visits with Michael, Glen, and Gary through numerous meetings.

The following equipment will be provided by Dorsett Technologies:

**Three Creeks WWTP (3 RTUs)**

**Control Building RTU**

- Two MS5 UNV Controller
- One MS5 UNV 2 Card Back Panel (to be installed in existing cabinet)
- One UPS, Surge Protection, and Isolation
- One Ethernet Wireless Bridge
- One Digital Display
- One Lot of engineering, programming, and startup

**Pump Station RTU**

- Three MS5 UNV Controller
- One MS5 UNV 3 Card Panel
- One UPS, Surge Protection, and Isolation
- One Ethernet Wireless Bridge
- One Digital Display
- One Lot of engineering, programming, and startup

**Blower Building RTU**

- Three MS5 UNV Controller
- One MS5 UNV 3 Card Panel
- One UPS, Surge Protection, and Isolation
- One Ethernet Wireless Bridge
- One Digital Display
- One Lot of engineering, programming, and startup

## **Remote Pump Station Locations (4 RTUs)**

### **Jarratt Pump Station**

- One MS5 VIO Controller
- One MS5 VIO 2 Card Panel
- One Cellular Modem with antenna
- One UPS, Surge Protection, and Isolation
- One Lot of engineering, programming, and startup

### **Greenville Pump Station**

- One MS5 VIO Controller
- One MS5 VIO 2 Card Panel
- One Cellular Modem with antenna
- One UPS, Surge Protection, and Isolation
- One Lot of engineering, programming, and startup

### **Three Creek Pump Station**

- One MS5 VIO Controller
- One MS5 VIO 2 Card Panel
- One Cellular Modem with antenna
- One UPS, Surge Protection, and Isolation
- One Lot of engineering, programming, and startup

### **Horseshoe Road Pump Station**

- One MS5 UNV Controller
- One MS5 UNV 1 Card Panel
- One Cellular Modem with antenna
- One UPS, Surge Protection, and Isolation
- One Lot of engineering, programming, and startup

## Control Building Server

The server will be ordered and shipped to Dorsett Technologies headquarters in Yadkinville, NC where the InfoScan software will be uploaded and tested before being shipped to Greenville County's Three Creek WWTP, where it will be installed at your desired location. Greenville County will be responsible for any furniture needed to house the server and workstation.

This proposal includes just one server. However, we do advise Greenville County to have a backup server. This is something that doesn't need to happen the first year but we do recommend that you have one moving forward.

**One** Intel Xeon E3-1220v2 3.10 GHz, 8M Cache, Turbo, Quad Core/4T, 8 GB of RAM, Graphics card or integrated adapter, 24" wide screen monitor, Two 1 TB (minimum) Hard Drives, Hardware Raid1 adapter (mirrored drives), Office Jet Pro 8100 e-Printer, Two 16 GB USB Flash Drives for data backup, 16x/DVD+/-RW CD-ROM or DVD-ROM, UPS, Sound card and external speakers, USB QWERTY Keyboard with numeric keypad and cursor keys, Two Button Optical Mouse, Windows Server 2012 R-2, Standard Edition Microsoft Visio 2013 Professional software for graphic and drawing generation, Integrated or add-in Network Interface Card (gigabit Ethernet), Oracle and 3 Year Next Business Day manufacturer support.

## Points List

### Three Creek WWTP

| Location             | Point  | Use            | Description    | DI | DO | AI | AO |
|----------------------|--|----------------|----------------|----|----|----|----|
| Control Building RTU |  | Power Fail     | 120 volt relay | 1  |    |    |    |
|                      | Influent Channel Independent Alarm                 | Monitor Float  | 120 volt relay | 1  |    |    |    |
|                      | Waste Sludge Vault Flow Meter                      | Monitor        | 4-20 ma        |    |    | 1  |    |
|                      | Return Sludge Valve Vault Flow Meter (RCS and RAS) | Monitor        | 4-20 ma        |    |    | 2  |    |
|                      | Return Sludge Valve (RCS and RAS)                  | Control        | 120 volt relay |    |    |    | 2  |
|                      | Disinfection Building CL2 and CO2 Detection Alarms | Monitor        | 120 volt relay | 2  |    |    |    |
|                      | Generator/Transfer Switch                          | Monitor Status | 120 volt relay | 1  |    |    |    |
|                      | Generator/Transfer Switch                          | Start/Stop     | 120 volt relay |    | 1  |    |    |

|  |                                       |                   |                |   |  |   |   |
|--|---------------------------------------|-------------------|----------------|---|--|---|---|
|  | Main Process Flow Meter               | Monitor           | 4-20 ma        |   |  | 1 |   |
|  | Main Process Valve                    | Control           | 120 volt relay |   |  |   | 1 |
|  | Main Process Valve                    | Monitor           | 120 volt relay | 1 |  |   |   |
|  | RCS Independent Float                 | Monitor for alarm | 120 volt relay | 1 |  |   |   |
|  | RAS Independent Float                 | Monitor for alarm | 120 volt relay | 1 |  |   |   |
|  | Influent Independent Float            | Monitor for alarm | 120 volt relay | 1 |  |   |   |
|  | EQ Basin High Water Float (each cell) | Monitor for alarm | 120 volt relay | 2 |  |   |   |
|  | Influent Pump Dry Well Float          | Monitor           | 120 volt relay | 1 |  |   |   |
|  | Mechanical Low Pressure Switch        | Monitor           | 4-20 ma        |   |  | 1 |   |
|  | Centrifuge Building                   | Power Fail        | 120 volt relay | 1 |  |   |   |
|  | Centrifuge                            | Common Alarm      | 120 volt relay | 1 |  |   |   |
|  | Centrifuge                            | Run Status        | 120 Volt Relay | 1 |  |   |   |

| Location                  | Point              | Use                        | Description    | DI | DO | AI | AO |
|---------------------------|--------------------|----------------------------|----------------|----|----|----|----|
| Influent Pump Station RTU |                    | Power Fail                 | 120 volt relay | 1  |    |    |    |
|                           | RAS Pump 1,2       | Status                     | 120 volt relay | 2  |    |    |    |
|                           | RAS Pump 1,2       | Start/Stop                 | 120 volt relay |    | 2  |    |    |
|                           | RAS Pump 1,2       | HOA                        | 120 volt relay | 2  |    |    |    |
|                           | RAS Pump 1,2       | VFD Feedback               | 4-20 ma        |    |    | 2  |    |
|                           | RAS Pump 1,2       | VFD Control                | 4-20 ma        |    |    |    | 2  |
|                           | RAS Pump 1,2       | VFD General Alarm          | 120 volt relay | 2  |    |    |    |
|                           | RAS Pump 1,2       | Pump Fail (limit switches) | 120 volt relay | 2  |    |    |    |
|                           | RAS Wet Well Level | Monitor                    | 4-20 ma        |    |    | 1  |    |
|                           | RCS Pump 1,2       | Status                     | 120 volt relay | 2  |    |    |    |
|                           | RCS Pump 1,2       | Start/Stop                 | 120 volt relay |    | 2  |    |    |
|                           | RCS Pump 1,2       | HOA                        | 120 volt relay | 2  |    |    |    |
|                           | RCS Pump 1,2       | Pump Fail (limit switches) | 120 Volt Relay | 2  |    |    |    |
|                           | RCS Wet Well Level | Monitor                    | 4-20 ma        |    |    | 1  |    |
| Future 4th                | Influent Pumps 1,  | Status                     | 120 volt relay | 3  |    |    |    |

|            |                                  |                            |                |   |   |   |  |
|------------|----------------------------------|----------------------------|----------------|---|---|---|--|
|            | 2, and 3                         |                            |                |   |   |   |  |
| Future 4th | Influent Pumps 1, 2, and 3       | Start/Stop                 | 120 volt relay |   | 3 |   |  |
| Future 4th | Influent Pumps 1, 2, and 3       | HOA                        | 120 volt relay | 3 |   |   |  |
| Future 4th | Influent Pumps 1, 2, and 3       | Pump Fail (limit switches) | 120 volt relay | 3 |   |   |  |
| Future 4th | Influent Pumps 1, 2, and 3       | Manual Bypass Switch       | 120 volt relay | 3 |   |   |  |
|            | Influent Pumps Wet Well          | Monitor                    | 4-20 ma        |   |   | 1 |  |
|            | Lead Float                       | Monitor                    | 120 volt relay | 1 |   |   |  |
|            | Lag Float                        | Monitor                    | 120 volt relay | 1 |   |   |  |
|            | Lag Lag Float                    | Monitor                    | 120 volt relay | 1 |   |   |  |
|            | Influent Flow Meter              | Monitor                    | 4-20 ma        |   |   | 1 |  |
|            | Post Aeration Chamber Flow Meter | Monitor                    | 4-20 ma        |   |   | 1 |  |

| Location                   | Point                              | Use                   | Description    | DI | DO | AI | AO |
|----------------------------|------------------------------------|-----------------------|----------------|----|----|----|----|
|                            |                                    |                       |                |    |    |    |    |
| <b>Blower Building RTU</b> |                                    | Power Fail            | 120 volt relay | 1  |    |    |    |
|                            | Blower 1-5                         | Status                | 120 volt relay | 5  |    |    |    |
|                            | Aerobic Digester High Level Floats | Monitor for alarm     | 120 volt relay | 4  |    |    |    |
|                            | Waste Pit High Water Floats        | Monitor for alarm     | 120 volt relay | 2  |    |    |    |
|                            | EQ Basin Level Sensors             | Monitor               | 4-20 ma        |    |    | 4  |    |
|                            | Aeration Basin DO Sensors          | Monitor               | 4-20 ma        |    |    | 4  |    |
|                            | Blower #6 and #7                   | VFD Control           | 4-20 ma        |    |    |    | 2  |
|                            | Blower #6 and #7                   | VFD Feedback          | 4-20 ma        |    |    | 2  |    |
|                            | Blower #6 and #7                   | Status                | 120 volt relay | 2  |    |    |    |
|                            | Blower #6 and #7                   | Start/Stop            | 120 volt relay | 2  |    |    |    |
|                            | Blower #6 and #7                   | Monitor Failures      | 120 volt relay | 2  |    |    |    |
|                            | Blower #6 and #7                   | Monitor Temperature   | 4-20 ma        |    |    | 2  |    |
|                            | Blower #6 and #7                   | Monitor Motor Speed % | 4-20 ma        |    |    | 2  |    |

|  |                     |                         |                |   |  |  |  |
|--|---------------------|-------------------------|----------------|---|--|--|--|
|  | Blower #6<br>and #7 | Monitor Common<br>Alarm | 120 volt relay | 2 |  |  |  |
|--|---------------------|-------------------------|----------------|---|--|--|--|

### REMOTE SITES

| Location                   | Point               | Use                       | Description    | DI | DO | AI | AO |
|----------------------------|---------------------|---------------------------|----------------|----|----|----|----|
| Jarratt<br>Pump<br>Station | Pump 1, 2           | Status                    | 120 volt relay | 2  |    |    |    |
|                            | Pump 1, 2           | Start/Stop                | 120 volt relay |    | 2  |    |    |
|                            |                     | Power Failure             | 120 volt relay | 1  |    |    |    |
|                            | Float               | High Wet Well             | 120 volt relay | 1  |    |    |    |
|                            | Limit<br>Switches   | Flow Fail                 | 120 volt relay | 2  |    |    |    |
|                            | Level<br>Transducer | Wet Well Monitor<br>Level | 4-20 ma        |    |    | 1  |    |
|                            | Float               | Dry Wet Well              | 120 volt relay | 1  |    |    |    |
|                            | Pump 1, 2           | HOA                       | 120 volt relay | 2  |    |    |    |

| Location                | Point            | Use                    | Description    | DI | DO | AI | AO |
|-------------------------|------------------|------------------------|----------------|----|----|----|----|
| Greenville Pump Station | Pump 1,2         | Status                 | 120 volt relay | 2  |    |    |    |
|                         | Pump 1,2         | Start/Stop             | 120 volt relay |    | 2  |    |    |
|                         |                  | Power Failure          | 120 volt relay | 1  |    |    |    |
|                         | Float            | High Wet Well          | 120 volt relay | 1  |    |    |    |
|                         | Limit Switches   | Flow Fail              | 120 volt relay | 2  |    |    |    |
|                         | Level Transducer | Wet Well Monitor Level | 4-20 ma        |    |    | 1  |    |
|                         | Float            | Dry Wet Well           | 120 volt relay | 1  |    |    |    |
|                         | Pump 1, 2        | HOA                    | 120 volt relay | 2  |    |    |    |

| Location                                    | Point               | Use                       | Description    | DI | DO | AI | AO |
|---|---------------------|---------------------------|----------------|----|----|----|----|
|   |                     |                           |                |    |    |    |    |
| <b>Three<br/>Creek<br/>Pump<br/>Station</b> | Pump 1,2            | Status                    | 120 volt relay | 2  |    |    |    |
|   | Pump 1,2            | Start/Stop                | 120 volt relay |    | 2  |    |    |
|   |                     | Power Failure             | 120 volt relay | 1  |    |    |    |
|   | Float               | High Wet Well             | 120 volt relay | 1  |    |    |    |
|   | Limit<br>Switches   | Flow Fail                 | 120 volt relay | 2  |    |    |    |
|   | Level<br>Transducer | Wet Well Monitor<br>Level | 4-20 ma        |    |    | 1  |    |
|   | Float               | Dry Wet Well              | 120 volt relay | 1  |    |    |    |
|   | Pump 1, 2           | HOA                       | 120 volt relay | 2  |    |    |    |

| Location                         | Point            | Use                    | Description    | DI | DO | AI | AO |
|----------------------------------|------------------|------------------------|----------------|----|----|----|----|
|                                  |                  |                        |                |    |    |    |    |
| <b>Billy Poarch Pump Station</b> | Pump 1,2         | Status                 | 120 volt relay | 2  |    |    |    |
|                                  | Pump 1,2         | Start/Stop             | 120 volt relay |    | 2  |    |    |
|                                  |                  | Power Failure          | 120 volt relay | 1  |    |    |    |
|                                  | Float            | High Wet Well          | 120 volt relay | 1  |    |    |    |
|                                  | Limit Switches   | Flow Fail              | 120 volt relay | 2  |    |    |    |
|                                  | Level Transducer | Wet Well Monitor Level | 4-20 ma        |    |    | 1  |    |
|                                  | Float            | Dry Wet Well           | 120 volt relay | 1  |    |    |    |
|                                  | Pump 1, 2        | HOA                    | 120 volt relay | 2  |    |    |    |
|                                  | Generator        | Run Status             | 120 Volt Relay | 1  |    |    |    |

**InfoScan Owner Benefits:**

- \* Full development version of software
- \* 24/7 free phone and internet support
- \* Unlimited expansion
- \* Free lifetime InfoScan updates
- \* Free training at our facility
- \* Historical database, web access, alarm call out programming, Alarm management, reports, and real time and historical trending

**Average Cellular Cost Per Month: \$12.00 (Per Site)-Remote Sites Only**

**Total Material, Labor, and Expenses for Dorsett's InfoScan System to be installed at just the plant with a local server: \$63,854.00**

**Total Electrical Installation Cost: \$18,346.00**

**Total Instrumentation Cost: \$6,756.00**

**Grand Total Turnkey for the plant SCADA with a local server: \$88,956.00**

**Grand Total Turnkey on all 4 Pump Stations Total : \$40,044.00**

**Total Project Cost: \$129,000.00**

**Terms and conditions on separate pages need to be initialed for they are part of this contract.**

Accepted by:

\_\_\_\_\_

Greensville County Water and Sewer

**Kindest Regards,**

**Mark Gordon  
SCADA SALES  
336-469-3767**

**[mgordon@dorsett-tech.com](mailto:mgordon@dorsett-tech.com)  
[www.dorsett-tech.com](http://www.dorsett-tech.com)**

## GREENSVILLE COUNTY WATER AND SEWER AUTHORITY

TO: Greensville County Water and Sewer Authority

FROM: Glen Gibson, Utility Projects Coordinator

RE: Rte 58 West Water and Sewer Extensions – Contracts A, B, C & D

DATE: June 15, 2016

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These contracts will construct a large part of the Phase 1 improvements, required to provide service to the Dominion Power Plant.

The Authority received sealed bids from contractors for each of the proposed contracts. The following is a summary of the lowest responsible bid and the base bid amount for each contract:

| <b>Contract</b> | <b>Project Description</b>  | <b>COMPANY NAME</b>                   | <b>BASE BID</b> |
|-----------------|---|---------------------------------------|-----------------|
| A               | 500,000 gallon Elevated Storage Tank  | Caldwell Tanks, Inc.                  | \$1,159,700     |
| B               | Two booster pump stations, Slages Lake Rd., Everett's Lake Rd., & Ruritan Dr. water line. | H.G. Reynolds Company, Inc.           | \$2,984,560     |
| C               | Rogers Rd. & Brunswick Rd. water line and force main. Wastewater pump station             | Tony E. Hawley Construction Co. Inc.  | \$1,955,275     |
| D               | 58 West and Brunswick Rd. water line and force main.                                      | Peters & White Construction Co., Inc. | \$1,439,911     |

The Consulting Engineer, B&B Consultants, Inc., and the Authority Staff have reviewed the bids and each contractor's qualifications. Our evaluation determined that the lowest responsible bidder for each contract has the manpower, equipment, experience, and expertise to complete the project.

I respectfully recommend the Authority award the following contracts, contingent on the Authority receiving approval from the funding agencies involved with these contracts:

- Contract A to Caldwell Tanks, Inc. in the amount of the \$1,159,700.
- Contract B to H.G. Reynolds Company, Inc. in the amount of \$2,984,560
- Contract C to Tony E. Hawley Construction Co., Inc. in the amount of \$1,955,275
- Contract D to Peters & White Construction Co., Inc. in the amount of \$1,439,911
- Authorize the Authority Director to execute contracts A, B, C & D contingent on:
  1. Review and approval by the County Attorney.
  2. Review and approval by any funding agencies associated with the projects.

Please contact me if you have questions or need additional information.

Zimbra

dwhittington@greenvillecountyva.gov

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**Dominion Contract**

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**From :** Dave Whittington  
<dwhittington@greenvillecountyva.gov>

Mon, Jun 13, 2016 03:27 PM

**Subject :** Dominion Contract

**To :** Greg Haley <haley@gentrylocke.com>

**Cc :** Glen Gibson  
<ggibson.wsa@greenvillecountyva.gov>

Greg. We talked several times about revising the Dominion contract. There are two changes to consider. The first is for the GCWSA to begin work after being provided a notice to proceed from Dominion. Currently the trigger to begin construction is the receipt of the CPCN from the SCC. There will be changes needed to Section 3.2.1, 3.2.2, and 4.2.

There is also a change discussed in the method that the GCWSA will collect Dominion's wastewater. The current arrangement is that Dominion will construct a lagoon for equalization purposes.

The GCWSA was going to install the pumps as a part of the lagoon and pump the wastewater into a force main to carry the wastewater to Emporia. That plan is now scrapped. The new plan, as approved by GCWSA staff and Dominion is for Dominion to discharge its wastewater into a wet well and pump station to be constructed by GCWSA. The estimated budget for the additional expenditures incurred by GCWSA to benefit Dominion is \$75,000.

The total amount that Dominion will pay in milestone payments is now to be \$19,075,000. We prefer that the entire \$75,000 be paid in Wastewater Milestone Payment #1 (\$1,365,515 + \$75,000 = \$1,440,515) This may also require some amendments to the attachments.

These contract amendments should go before the Authority at its June 20th meeting.

Call if you have questions. dave

K. David Whittington  
Greenville County Administrator  
1781 Greenville County Circle  
Emporia, Va 23847  
434-348-4205 (office)  
434-637-3522 (mobile)