



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

#### **I. CALL TO ORDER**

#### **II. MATTERS BEFORE COMMITTEE**

1. [Purchase - Material for Airport Sewer Project](#)
2. [Discussion - Easement for Pump Station at Walton County Industrial Park - Highway 11 South.](#)
3. [EPD Agreement / CO](#)
4. [Approval - Transformers for High School Project](#)
5. [Approval - Purchase Poles for Stock](#)
6. [Discussion - Underground Utilities for Monroe Airport](#)
7. [Discussion - Utility Bills](#)
8. [Discussion - Jack's Creek Reservoir](#)

#### **III. ADJOURN**



## Utility Committee Meeting

### AGENDA

November 6, 2007

**Item:**

Purchase - Material for Airport Sewer Project

**Department:**

Water and Gas

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

**Attachments / click to download**

 [Purchase - Material for Airport Sewer Project](#)

**Rodney Middlebrooks**

---

**From:** Don Denny [don@unitedsupply.biz]  
**Sent:** Monday, October 15, 2007 1:25 PM  
**To:** Chris Bailey  
**Subject:** RE: Price?

3200' @ 3.38  
\$10,816

Chris:

Your cost on 3,200' of 8" sdr 26 sewer pipe: 3.38'

With pvc pipe please order in 15 days and ship in 30.

Thanks,

Don

---

**From:** Chris Bailey [mailto:CBailey@MonroeGA.gov]  
**Sent:** Monday, October 15, 2007 10:10 AM  
**To:** Don Denny  
**Subject:** Price?

Hey...I need a price on 3200' of 8" SDR26 pipe! Thanks!

Chris

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.5.488 / Virus Database: 269.14.11/1071 - Release Date: 10/15/2007 6:48 AM

No virus found in this incoming message.  
Checked by AVG Free Edition.  
Version: 7.5.488 / Virus Database: 269.14.11/1071 - Release Date: 10/15/2007 6:48 AM

**Rodney Middlebrooks**

**From:** Daniel carlan [Dcarlan@consolidatedpipe.com]  
**Sent:** Monday, October 15, 2007 2:26 PM  
**To:** Chris Bailey  
**Subject:** Re: Price?

3.45lf

3200' @ 3.45  
\$11,040

Thank you for the chance to quote. Please call with any questions.

Danny Carlan  
Consolidated Pipe and Supply  
office: 770-822-9664  
direct office: 678-226-7404  
mobile: 770-550-4601  
nextel: 154\*22\*50  
dcarlan@consolidatedpipe.com

"Chris Bailey" <CBailey@MonroeGA.gov>

To "Daniel carlan" <Dcarlan@consolidatedpipe.com>

cc

Subject: Price?

10/15/2007 09:09 AM

Hey...I need a price on 3200' of 8" SDR26 pipe! Thanks!

Chris

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.5.488 / Virus Database: 269.14.11/1071 - Release Date: 10/15/2007 6:48 AM

No virus found in this incoming message.  
Checked by AVG Free Edition.  
Version: 7.5.488 / Virus Database: 269.14.11/1071 - Release Date: 10/15/2007 6:48 AM

**Rodney Middlebrooks**

**From:** Julie Harkins - 554 GEORGIA\_WATERWORKS [julie.harkins@ferguson.com]  
**Sent:** Monday, October 15, 2007 10:40 AM  
**To:** Chris Bailey  
**Subject:** Email Bid# B49990

IN STOCK AND READY TO DELIVER! THANKS

**Price Quotation # B49990****FEI-GEORGIA WATERWORKS #554**

5475 TECHNOLOGY PARKWAY  
 BRASELTON, GA 30517

Phone : 770-967-1845  
 Fax : 770-967-2902

<b>Bid No.....:</b> B49990 <b>Bid Date...:</b> 10/15/07 <b>Quoted By:</b> JIH <b>Customer.:</b> MONROE UTILITIES NETWORK CITY OF MONROE P.O. BOX 1249 ATTN: ACCTS PAYABLES MONROE, GA 30655 <b>Cust PO#...:</b> MONROE UTILITIES	<b>Cust Phone:</b> 770-267-3429 <b>Terms.....:</b> NET 10TH PROX <b>Ship To.....:</b> MONROE UTILITIES NETWORK CITY OF MONROE P.O. BOX 1249 ATTN: ACCTS PAYABLES MONROE, GA 30655 <b>Job Name.:</b> SDR26
--	--

Item	Description	Quantity	Net Price	UM	Total	Customer Code
SDR26HWSPX14	8X14 SDR26 HW PVC GJ SWR PIPE	3200	3.510	FT	11232.00	
	PRICE GOOD FOR 30 DAYS					

Net Total: 11232.00  
 Tax: 0.00  
**Total: 11232.00**

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT. Quotations are offered contingent upon the Buyer's acceptance of Seller's terms and conditions. Seller objects to all other terms and conditions. Seller not responsible for delays or lack of product due to causes beyond our control. Purchaser's sole warranties, if any, are those provided by the manufacturer. SELLER DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL SELLER BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE OPERATION OR USE OF THE PRODUCT. SELLER'S LIABILITY, IF ANY, SHALL BE LIMITED TO THE NET SALES PRICE RECEIVED BY SELLER. Complete Terms and Conditions are available upon request.

No virus found in this incoming message.  
 Checked by AVG Free Edition.

Version: 7.5.488 / Virus Database: 269.14.11/1071 - Release Date: 10/15/2007 6:48 AM

10/30/2007

Item # 1



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

**Item:**

Discussion - Easement for Pump Station at Walton County Industrial Park - Highway 11 South.

**Department:**

Water and Gas

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / [click to download](#)

---



## Utility Committee Meeting

### AGENDA

November 6, 2007

**Item:**

EPD Agreement / CO

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

**Attachments / click to download**

[EPD Consent Order for Water Plant](#)

# Georgia Department of Natural Resources

2 Martin Luther King, Jr Drive S E , East Floyd Tower, Atlanta, Georgia 30334  
Noel Holcomb Commissioner  
Carol A Couch, Ph.D , Director  
Environmental Protection Division

Certified Mail  
Return Receipt Requested  
Certified No 7003 3110 0003 2418 5844

September 18, 2007

Mr Julian Jackson, City Administrator  
City of Monroe  
P O Box 1249  
Monroe, GA 30655-1249

RE: City of Monroe Water System  
Proposed Consent Order  
WSID# 2970001, Walton County, Georgia

Dear Mr. Jackson:

As you are aware, the Environmental Protection Division documented numerous violations of the City of Monroe Public Water System's Operating Permit during the Sanitary Survey conducted in October 2006. The documented violations are specifically for the failure to operate the water treatment plant in accordance with the conditions outlined in Monroe's Operating Permit. This includes failure to comply with the applicable reporting, monitoring and notification requirements associated with the water plant operations, as required under the Georgia Rules for Safe Drinking Water, Chapter 391-3-5.

Please find enclosed a proposed Consent Order that specifies a time schedule for corrective action(s), and a resolution for the violations. Please return the signed Consent Order to our office at the address below within fifteen (15) days of receipt of this letter.

Environmental Protection Division  
2 Martin Luther King Jr Drive  
Floyd Towers East, Suite 1362  
Atlanta, GA 30334  
ATTN: Lynne Grubb

Should you wish to discuss the proposed consent order or if you have any questions, please contact Mr. Orender Serefli of my staff at (404) 651-5156.

Sincerely,



Carol A. Couch, Ph.D., Director  
Environmental Protection Division  
Department of Natural Resources

cc: Peter Zorbános, DWPEP, EPD  
Mr Donald Cowan, ORC, City of Monroe

Item # 3

ENVIRONMENTAL PROTECTION DIVISION  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF GEORGIA

Mr Julian Jackson, City Administrator  
City of Monroe  
P.O. Box 1249  
Monroe, GA 30655-1249

ORDER NO. EPD-WS-

IN RE: Monroe Water Works Public Water System  
WSID# GA 2970001

CONSENT ORDER

WHEREAS, under the Georgia Safe Drinking Water Act of 1977, as amended, O.C.G.A. 12-5-170 et. seq (hereinafter referred to as the "Act"), the General Assembly of Georgia designated the Environmental Protection Division of the Department of Natural Resources (hereinafter referred to as the "Division") to administer the provisions of this Act; and

WHEREAS, O.C.G.A. 12-5-176(a)(3) assigns the power and responsibility to the Director of the Division to issue permits covering the operation of public water systems stipulating in each permit the conditions under which such permit was issued; and

WHEREAS, O.C.G.A. 12-5-176(a)(8) gives the Director of the Division the power to issue Orders as may be necessary to enforce compliance with the provisions of the Act and all rules and regulations promulgated there under; and

WHEREAS, O.C.G.A. 12-5-179(a) makes it unlawful for any person to own or operate a public water system, except in such a manner as to conform to and comply with all rules, regulations, Orders and permits established under the provisions of this Act; and

WHEREAS, the Rules for Safe Drinking Water, Chapter 391-3-5, (hereinafter the "Rules"),

as required under O.C.G.A. 12-5-174, were established and became effective July 26, 1977, and amended in subsequent years; and

WHEREAS, Section 391-3-5- 17(1) of the Rules states that any person who owns or operates a public water system or who desires to commence operation of a public water system shall obtain a permit from the Director; and

WHEREAS, the City of Monroe (hereinafter referred to as the "City") owns and operates the Monroe Water Works, a public water system located in Monroe, Walton County; and

WHEREAS, a Permit to Operate a Public Water System, number CS2970001 (hereinafter referred to as the "Permit"), was issued on May 9, 2003 to the Monroe Utilities Network for the operation of Monroe Water Works in accordance with the provisions of the Act and Rules; and

WHEREAS, Section 391-3-5- 17(7) of the Rules states that "A permit issued by the Director shall stipulate such terms, and conditions and schedules of compliance as the Director deems necessary..."; and

WHEREAS, Section 391-3-5-14(7) of the Rules state that the supplier of water shall maintain daily records of the operation of the water treatment facility and distribution system as may be required by the Division including the amount of water treated daily, results of the performance of daily tests pertinent to the control of the water treatment processes, disinfectant residuals, and tests performed in the water distribution system. Daily records shall be kept by the supplier on forms furnished by the Division and a copy of the record submitted to the Division in accordance with Rule 391-3-5- 30; and

WHEREAS, Permit Condition Number 7 stipulates that the membrane process must continuously reject particulate matter larger than one micron (1  $\mu\text{m}$ ) through a size exclusion

mechanism and have a measurable removal efficiency of not less than 2.5 logs that is verified through the application of a direct integrity test while it is in operation; and

WHEREAS, Permit Condition Number 7(A) requires that direct integrity testing be conducted on each membrane unit at a frequency of not less than once every 24 hours while the plant is in operation,

WHEREAS, Permit Condition Number 7(A)(i) states that the direct integrity testing must be conducted in accordance with the established performance standards (control limits) and methods acceptable to the Division; and

WHEREAS, Permit Condition Numbers 7(A)(ii) and (iii) require that the direct integrity testing shall have a resolution of three micron ( $3 \mu\text{m}$ ) or less and that the sensitivity of the test must verify maximum log removal value of not less than 2.5 logs for the membrane process; and

WHEREAS, Permit Condition Number 7(A)(iv) requires that, if at any time the established control limits for the direct integrity test are exceeded, the membrane unit shall be taken off-line for diagnostic testing and repair(s) and shall not be returned to service until the repair(s) have been completed and confirmed through the application of a direct integrity test; and

WHEREAS, Permit Condition Number 7(A)(v) requires that all excursions above the control limit for the direct integrity test shall be reported to the Division on a monthly basis along with the required monthly operating forms; and

WHEREAS, Permit Condition Number 7(B) requires that continuous monitoring and recording of the plant filtrate be performed, using a particle counting device, in the size range between  $2 \mu\text{m}$  and  $15 \mu\text{m}$ , while the plant is in operation; and

WHEREAS, Permit Condition Number 7(C) stipulates that continuous indirect integrity

monitoring using turbidity meters must be conducted on each membrane unit; and

WHEREAS, Permit Condition Numbers 7(C)(i) and (ii) require that continuous monitoring of filtrate turbidity be conducted on each membrane unit, using turbidity meters, defined as readings and recordings every 15 minutes, and that continuous monitoring be independently conducted on each membrane unit, multiplexing not more than two units; and

WHEREAS, Permit Condition Numbers 7(C)(iii) and (iv) state that the filtrate turbidity from each membrane unit must be less than or equal to 0.10 NTU in at least 95% of individual samples taken each month and that two consecutive 15 minute readings above 0.15 NTU shall trigger direct integrity testing and subsequent diagnostic testing to verify and isolate the integrity breach; and

WHEREAS, Permit Condition Number 7(C)(v) requires that the 95<sup>th</sup> percentile of monthly turbidity values for each membrane unit along with a summary of all excursions above 0.15 NTU be reported to the EPD on a monthly basis, along with the required monthly operating plant forms; and

WHEREAS, Permit Condition Number 8 requires that true and correct copies of the operation records and other reports must be sent to the Division by the tenth day of the month following the month being reported; and

WHEREAS, the Division's representative conducted a sanitary survey of the water treatment plant operated by the City in October 2006 and documented numerous violations for failure to operate the water treatment plant in accordance with the conditions stated in the City's operating permit; and,

WHEREAS, the conducted sanitary survey findings show that the monthly water plant operational reports submitted to the Division contain serious discrepancies compared to the water treatment plant SCADA system data over a forty-two month period from May 2003 through

November 2006; and,

WHEREAS, the failure to accurately report the treatment plant operational data puts serious doubt on the actual quality of the drinking water produced at the treatment plant, jeopardizes public health and erodes public confidence in its public water supply system; and,

WHEREAS, the City is in violation of its Permit to Operate a Public Water System during the period of May 9, 2003 through November 30, 2006 as follows:

- (1) Failure to conduct direct integrity testing on each membrane unit at a frequency of not less than once every 24 hours while the plant is in operation (Permit Condition Number 7(A));
- (2) Failure to conduct direct integrity testing in accordance with the established performance standards (control limits) and methods (Permit Condition Number 7(A)(i));
- (3) For returning membrane units that have exceeded the established control limits for direct integrity testing to service without completing and confirming repairs (Permit Condition Number 7(A)(iv));
- (4) Failure to report all excursions above the control limit for the direct integrity test (Permit Condition Number 7(A)(v));
- (5) Failure to continuously monitor and record the plant filtrate using a particle counting device while the plant is in operation (Permit Condition Number 7(B));
- (6) Failure to conduct continuous monitoring of filtrate turbidity on each membrane unit and record readings every 15 minutes (Permit Condition Numbers 7(C), 7(C)(i) and 7(C)(ii));

- (7) Failure to perform direct integrity and diagnostic testing when the filtrate turbidity is more than 0.10 NTU in at least 5% of individual samples taken each month or when two consecutive 15 minute readings are above 0.15 NTU (Permit Condition Numbers 7(C)(iii) and (iv));
- (8) Failure to report the 95<sup>th</sup> percentile of monthly turbidity values for each membrane unit and a summary of all results above 0.15 NTU to the Division on a monthly basis (Permit Condition Number 7(C)(v));
- (9) Failure to submit true and correct copies of the operation records to the Division (Permit Condition Number 8); and

WHEREAS, an amicable disposition of these allegations concerning the System is considered to be in the best interest of the State of Georgia and all parties concerned; and

NOW THEREFORE, the Director hereby ORDERS and the City CONSENTS to comply with the following:

1. Within sixty (60) days of the date of execution of the Consent Order by the Division, the City of Monroe shall submit a comprehensive report to the Division detailing the corrective measures that it will take to bring the operation of its drinking water system into compliance with the requirements of its Permit and the Rules for Safe Drinking Water, Chapter 391-3-5. The report shall address all the permit conditions specific to the operation of the membrane filtration plant, including all relevant instrumentation associated with monitoring and recording of the plant's performance, and offer corrective measures that will prevent recurrence of the violations listed in this Order
2. The above report shall specify a "time schedule" for completion of each of the identified

corrective measures. Upon written approval by EPD, the time schedule and corrective measures in the report shall become a part of this order and any non-compliance with the approved time schedule of corrective measures plan will be deemed as non-compliance with this Order.

3. The City shall develop and submit to EPD for review an "Operations and Maintenance Manual" (O&M Manual) no later than six (6) months from the final date of execution of the Consent Order.
4. The City shall develop and submit to EPD an updated "Business Plan" for the water system no later than twelve (12) months from the final date of execution of the Consent Order. The Business Plan shall be prepared in conformance with Appendix A of the Division's "Minimum Standards for Public Water Systems".
5. The City shall pay to the State of Georgia upon execution hereof the sum of \$50,000.00 (Fifty Thousand Dollars), which will be regarded as a negotiated consideration of a disputed claim. The payments may be made in four (4) quarterly increments of \$12,500.00. The first quarterly payment shall be due thirty days after the final execution of this Order.
6. The City shall pay to the State of Georgia the sum of \$1,000.00 (One Thousand Dollars) for each day corrective action is not accomplished by the deadlines specified in the approved "time schedule" (see item #2).
7. The City shall operate the public water system in accordance with the issued permit conditions and the Georgia Rules for Safe Drinking Water, Chapter 391-3-5.

This Consent Order shall not constitute a finding or adjudication of a violation of any State Law by the City, nor does the City, by its consent, agree to any violations of the State Law or admit

liability to any third party or parties

The sole purpose of this Consent Order is to resolve and dispose of the above-mentioned allegations concerning the operation of City of Monroe Water System.

Upon execution and issuance, this Order is effective immediately and final and shall not be appealable, administratively or judicially, and the City of Monroe hereby waives any right to a hearing with respect to the contents of this Order or any portion thereof

It is so Ordered, Consented and Agreed this \_\_\_\_\_ day of \_\_\_\_\_, 2007

For the City of Monroe:

For the Division:

\_\_\_\_\_  
Julian Jackson, City Administrator  
City of Monroe

\_\_\_\_\_  
Carol A. Couch, Ph. D., Director  
Environmental Protection Division  
Department of Natural Resources



## Utility Committee Meeting

### AGENDA

November 6, 2007

**Item:**

Approval - Transformers for High School Project

**Department:**

Electric and Telecommunications

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

**Attachments / click to download**

 [attachement transformers](#)

**From:** Brian Thompson

**Sent:** Wednesday, October 31, 2007 12:59 PM

**To:** Sharon Griffin

**Subject:** attachment 2

Attachment number 1

Page 1 of 1

---

**From:** Chris Bailey

**Sent:** Thursday, October 18, 2007 4:03 PM

**To:** Brian Thompson

**Subject:** Transformers!

Here are the prices on the transformers that Greg gave me! It was a 75 and a 112.5 for somewhere!

**75KVA (277/480)**

HD SUPPLY – \$6955 (25 WEEKS)

WESCO – \$5755 (25 WEEKS)

WESCO – \$7216 (13 WEEKS)

EQUITY – \$6285 (13 WEEKS)

**112.5KVA (277/480)**

HD SUPPLY – \$8420 (25 WEEKS)

WESCO – \$6064 (25 WEEKS)

WESCO – \$7712 (13 WEEKS)

EQUITY – \$7050 (13 WEEKS)

The rest are still waiting on quotes from manufacturer!

Chris

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.488 / Virus Database: 269.15.0/1077 - Release Date: 10/18/2007 9:54 AM



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

**Item:**

Approval - Purchase Poles for Stock

**Department:**

Electric and Telecommunications

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

**Attachments / click to download**

 [attachment poles request](#)

**From:** Brian Thompson

**Sent:** Wednesday, October 31, 2007 1:00 PM

**To:** Sharon Griffin

**Subject:** attachment 1

Attachment number 1

Page 1 of 1

---

**From:** Chris Bailey

**Sent:** Wednesday, September 26, 2007 3:31 PM

**To:** Brian Thompson

**Subject:** Pole Request for City Council

23 – 30' class 5 poles @ \$88.25 each

23 – 40' class 4 poles @ \$179.50 each

Total will be \$6158.25!

Chris

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.488 / Virus Database: 269.13.30/1030 - Release Date: 9/25/2007 8:02 AM



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

**Item:**

Discussion - Underground Utilities for Monroe Airport

**Department:**

Electric and Telecommunications

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

---



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

**Item:**

Discussion - Utility Bills

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

---



## Utility Committee Meeting

### AGENDA

November 6, 2007

---

**Item:**

Discussion - Jack's Creek Reservoir

**Department:**

Water and Gas

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

---