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*Promoting and protecting the health of the public and the environment*

January 26, 2010

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**CERTIFIED MAIL 91 7108 2133 3935 6143 4265**  
**RETURN RECEIPT REQUESTED**

City of Denmark  
Attn: Heyward Robinson  
4768 Carolina Highway  
Denmark, SC 29042


RE: Consent Order 10-001-DW  
City of Denmark  
Public Water System No. 0510002  
Bamberg County

Dear Mr. Robinson:

Please find enclosed a copy of the fully executed Department of Health and Environmental Control (Department) Consent Order 10-001-DW for your records. This order was executed on January 25, 2010. All timelines are as indicated in the Order.

If you have any questions concerning the requirements of this Order, please contact me at (803) 898-4430 or email me at [malonzds@dhec.sc.gov](mailto:malonzds@dhec.sc.gov)

Sincerely,

  
Daniel S. Malonza  
Drinking Water Protection Division  
Bureau of Water

Enclosure

Cc: Region 5 EQC, Aiken

**THE STATE OF SOUTH CAROLINA BEFORE THE DEPARTMENT OF HEALTH  
AND ENVIRONMENTAL CONTROL**

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**IN RE: CITY OF DENMARK  
PUBLIC WATER SYSTEM NO. 0510002  
BAMBERG COUNTY**

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**CONSENT ORDER  
10-001-DW**

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The City of Denmark (Respondent) owns and is responsible for the proper operation and maintenance of public water system No. 0510002 (PWS) that serves the customers of the City of Denmark located in Bamberg County, South Carolina.

Inspections of the PWS by South Carolina Department of Health and Environmental Control (Department) staff revealed that the Respondent failed to properly operate and maintain the PWS.

Based upon discussions with the Respondent's representatives on December 16, 2009, the parties have agreed to the issuance of this Order to include the following Findings of Fact and Conclusions of Law.

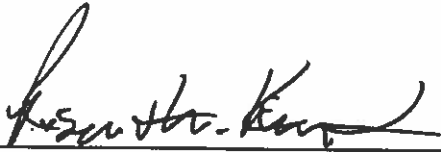
**FINDINGS OF FACT**

1. The City of Denmark (Respondent) owns and is responsible for the proper operation and maintenance of public water system No. 0510002 (PWS) that serves the customers of the City of Denmark located in Bamberg County, South Carolina.
2. The PWS consists of four (4) wells, one thousand five hundred one (1,501) taps, serves a population of approximately five thousand eight hundred sixty-four (5,864) persons and is classified by the Department as a Community PWS.

3. On June 24, 2009, Department staff conducted a sanitary survey of the PWS which resulted in an "unsatisfactory" rating due to the following deficiencies:
  - A. Protection from Contamination was rated "unsatisfactory" in that test results from the Brooker Center well indicated elevated levels of tetrachloroethylene and the Legare Street/Clark Street well showed contamination with trichloroethylene. Both wells had been taken off-line at the time of the sanitary survey.
  - B. Water Quality was rated "unsatisfactory" in that there were customer complaints due to discolored water.
  - C. Valve/Hydrant Maintenance was rated "unsatisfactory" in that there was no valve/hydrant maintenance program available for review.
  - D. Flushing Program was rated "needs improvement" in that there was no flushing program available for review.
  - E. Leak Detection and Repair was rated "unsatisfactory" in that there was no leak detection and repair program available for review.
  - F. System Map was rated "needs improvement" in that there was no up to date system map available for review.
  - G. Storage Appurtenances was rated "needs improvement" in that the Voorhees tank overflow pipe needed to be extended and the level indicator needed to be repaired.
  - H. Operation and Control was rated "unsatisfactory" in that there was no adequate record keeping, no line flushing and valves and hydrants were improperly located and operated.
  - I. Procedures Manual was rated "needs improvement" in that there was no updated procedures manual available for review.

4. On November 9, 2009, Department staff conducted a sanitary survey of the PWS which resulted in an “unsatisfactory” rating due to the following deficiencies:
  - A. Water Quality was rated “unsatisfactory” in that there were customer complaints due to discolored water.
  - B. Valve/Hydrant Maintenance was rated “unsatisfactory” in that there was no valve/hydrant maintenance program available for review and approximately twenty (20) hydrants needed to be replaced.
  - C. Flushing Program was rated “unsatisfactory” in that there was no flushing program available for review.
  - D. Leak Detection and Repair was rated “unsatisfactory” in that there was no water audit report available for review.
  - E. System Map was rated “needs improvement” in that there was no up to date system map available for review.
  - F. Storage Appurtenances was rated “unsatisfactory” in that the Voorhees tank overflow pipe was not fully extended and the level indicator was not repaired.
  - G. Operation and Control was rated “unsatisfactory” in that there was no adequate record keeping, no line flushing and valves and hydrants were improperly located and operated.
  - H. Correction from Previous Survey was rated “unsatisfactory” in that deficiencies from the previous survey were not corrected.
  - I. Procedures Manual was rated “needs improvement” in that there was no updated procedures manual available for review.

FOR THE SOUTH CAROLINA DEPARTMENT  
OF HEALTH AND ENVIRONMENTAL CONTROL



Robert W. King Jr., P.E.  
Deputy Commissioner  
Environmental Quality Control

Date: 1/25/10



David E. Wilson Jr., P.E.  
Chief, Bureau of Water

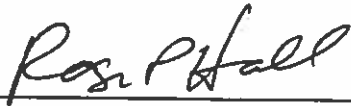
Date: 1-22-10



Douglas B. Kinard, P.E., Director  
Drinking Water Protection Division  
Bureau of Water

Date: 1/21/10

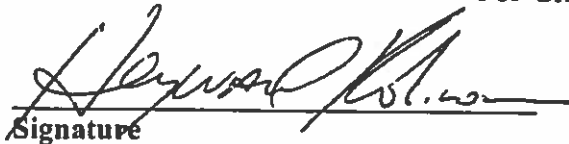
Reviewed by:



Rose P. Hall  
DHEC Legal Counsel

Date: 1/25/10

For City of Denmark



Signature

Date: 13 January 2010

Heyward Robinson  
Denmark City Administrator  
Print or type name and title

