



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 4  
ATLANTA FEDERAL CENTER  
61 FORSYTH STREET  
ATLANTA, GEORGIA 30303-8960

**JUL 26 2019**

Mr. Douglas K. Kinard, P.E.  
Director, Drinking Water Protection  
South Carolina Department of  
Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Re: Overview Evaluation of the South Carolina Department of  
Health and Environmental Control City of Denmark Follow-up Inspection

Dear Mr. Kinard:

On April 2, 2019, the U.S. Environmental Protection Agency Drinking Water Section (DWS) conducted a Public Water System Supervision (PWSS) oversight inspection of the South Carolina Department of Health and Environmental Control (SC DHEC) follow-up inspection of the City of Denmark water system. The purpose of this letter is to transmit the PWSS Oversight Inspection Checklist.

The follow-up inspection process was evaluated and found to be satisfactory. Furthermore, the DWS concurs with SC DHEC's findings. A report documenting the oversight inspection is enclosed for your review.

Should you have any further questions, you may contact Ms. Janine Morris at (404) 562-9480 or via email at [morris.janine@epa.gov](mailto:morris.janine@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Smith".

Brian J. Smith, Chief  
Safe Drinking Water Branch

Enclosure

cc (via email): Dr. Mike Marcus, SC DHEC  
cc (via email): Ms. Jennifer Hughes, SC DHEC  
cc (via email): Ms. Crystal Robertson, SC DHEC





## Drinking Water Oversight Inspection Form

State/Local Program: Public Water System Supervision Program

State/Local Inspector(s) Name: Crystal Robertson and Josh Yon

EPA Inspector Name: Janine Morris

Date/Time: April 2, 2019 / 10:25 am

PWS Name: City of Denmark

PWS ID: SC0510002

Address: 4768 Carolina Highway, Denmark, SC 29042

*The EPA inspector shall include specific details in the comment field for any activity marked "no" and not conducted or completed by the State/Local (S/L) inspector.*

Activity	Circle	Comments
<i>Pre-Inspection</i>		
1. Type of EPA site visit.	<input checked="" type="radio"/> Oversight Inspection <input type="radio"/> Other	
2. Type of S/L site visit	<input type="radio"/> Sanitary Survey <input checked="" type="radio"/> Follow-up Visit <input type="radio"/> Other	
3. Ask to see a copy of the S/L inspector standard operating procedures or inspector manual. If there is no written SOP, then the EPA inspector may write down the SOP the S/L utilizes.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NA	

4. Do SOPs/policies comply with federal regulations.	Yes	No	NA	Per SC DHEC's, "Guidelines for Conducting a GW & DS Sanitary Survey", 40 CFR 141.401 & R.61-58.16F.
5. Ask to see a copy of the inspector's training certifications (e.g., basic inspector training, sanitary survey training, etc.)	Yes	No	NA	
6. Contacts the system to schedule the inspection.	Yes	No	NA	
7. Becomes familiar or is already familiar with the system's operation prior to the site visit.	Yes	No	NA	
8. Reviews prior inspection report.	Yes	No	NA	
9. Reviews prior enforcement actions.	Yes	No	NA	
<i>On-site</i>				
10. Reviews previous system file and correspondence.	Yes	No	NA	
11. Holds a kickoff meeting with system reps.	Yes	No	NA	It was a follow up inspection so, everyone knew each other & the purpose for the visit.
12. Uses a standardized form or checklist to rate the system. (If so, ask for a copy of the form/checklist)	Yes	No	NA	
13. <b>Source:</b> Reviews the raw water source.	Yes	No	NA	
14. <b>Treatment:</b> Identifies existing or potential sanitary risks by evaluating the design, operation, maintenance & management of water treatment plants.	Yes	No	NA	
15. <b>Distribution System:</b> Reviews the design, operation, maintenance & management of distribution systems.	Yes	No	NA	

<b>16. Finished Water Storage:</b> Reviews the design and major components of finished water storage facilities.	Yes No NA	
<b>17. Pumps:</b> Reviews the design and use of water supply pumping facilities.	Yes No NA	
<b>18. Monitoring &amp; Reporting:</b> Determines water system conformance with regulatory requirements.	Yes No NA	Bacteriological, site sampling plan, etc.
<b>19. Management &amp; Operation:</b> Evaluates water system performance in terms of management & operation, including its long-term viability in meeting water quality goals.	Yes No NA	Reviewed Flushing Program, Cross Connection Control Program, Valve Exercising Log, Water Audit Reports, etc.
<b>20. Operator Compliance:</b> Ensures water systems have qualified professionals that meet all applicable operator certification requirements.	Yes No NA	Tim Freeman Charles Shugart
<i>Post-Inspection</i>		
<b>21. Discusses and Addresses any previous SS or site visit report findings to determine status.</b>	Yes No NA	Tank Maintenance – County, Nibco & Voorhees tanks. Requested that the Denmark Director of Public Works (Charles Shugart) provide a timeline for tank repairs by the end of the week.
<b>22. Discusses any issues or significant deficiencies with water system reps before ending the inspection.</b>	Yes No NA	Inspector told system that if tank maintenance timelines are not provided by the end of the week, Denmark will be referred to Enforcement.
<b>23. Provides a report evaluating the eight elements to water system representative(s).</b>	Yes No NA	Provided via email on 04/23/19 from Crystal Robertson, SC DHEC Aiken Office.
<b>24. Report discusses any issues and/or significant deficiencies found during the inspection.</b>	Yes No NA	U – Cross Connection Control NI – Valve & Hydrant Maintenance Plan NI – Flushing Program

		U – Storage Maintenance U – Corrections from Previous Surveys
25. Report provides a plan with time line for addressing issues and/or significant deficiency.	Yes No NA	Except, no timeline was provided regarding the Flushing Program. SC DHEC gave the system an overall rating of “UNSATISFACTORY” & referred it to Enforcement.
26. Additional Observations  The Industrial Park County tank (200,000 gal.) needed exterior painting and overflow screen repair. County personnel (Mr. Bill Johnson, Bamberg County Zoning, Code Enf. & Public Works Director) stated that they applied for a grant to have the tank rehabilitated.		