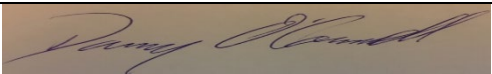


## Region 6 - Enforcement & Compliance Assurance Division

### INSPECTION REPORT

|                                        |                                                                                      |                        |
|----------------------------------------|--------------------------------------------------------------------------------------|------------------------|
| Inspection Date(s):                    | 06/08/2023                                                                           |                        |
| Media Program:                         | Water                                                                                |                        |
| Regulatory Program(s)                  | AWIA/SDWA                                                                            |                        |
| Facility Name:                         | <b>Southeast White County Public Water System</b>                                    |                        |
| Facility Physical Location:            | 1916 Eastline Rd.                                                                    |                        |
| (city, state, zip code)                | Searcy, AR 72143                                                                     |                        |
| Mailing address:                       | P.O. Box 186                                                                         |                        |
| (city, state, zip code)                | Higginson, AR 72068                                                                  |                        |
| County/Parish:                         | White County                                                                         |                        |
| Facility Phone Number                  | 501-742-3611                                                                         |                        |
| Facility Contact:                      | Jerry Andrews                                                                        | General Manager        |
|                                        | jerry.a@sewcopwa.com                                                                 |                        |
| FRS Number:                            | N/A                                                                                  |                        |
| Identification/Permit Number:          | AR0000594                                                                            |                        |
| Media Identifier Number:               | N/A                                                                                  |                        |
| NAICS:                                 | N/A                                                                                  |                        |
| SIC:                                   | N/A                                                                                  |                        |
| Personnel participating in inspection: |                                                                                      |                        |
| Jerry Andrews                          | South East White County Water                                                        | General Manager        |
| Jake Okun                              | PG Environmental                                                                     | EPA Contract Inspector |
| Dwight Montrose                        | Arkansas Department of Health                                                        | District Engineer      |
| EPA Lead Inspector: Jake Okun          |  |                        |
| Signature/Date                         |                                                                                      |                        |
|                                        | Danny O'Connell                                                                      | 7/31/2023              |
|                                        |                                                                                      | Date                   |

## Section I – INTRODUCTION

### PURPOSE OF THE INSPECTION

On June 8, 2023, a U.S Environmental Protection Agency (EPA) Region 6 contract inspector from PG Environmental (hereinafter, the EPA Inspection Team) conducted an announced American Water Infrastructure Act (AWIA) Risk and Resiliency Assessment (RRA) and Emergency Response Plan (ERP) program/document inspection of the Southeast White County (SEWCO) Public Water System (System), ID No. AR0000594. The inspection process began at approximately 9:00 a.m. on June 8, 2023, and finished at approximately 1:30 p.m. Dwight Montrose, a district engineer from the Arkansas Department of Health (ADH), was also present for the inspection.

Jake Okun of PG Environmental presented his Safe Drinking Water Act (SDWA) inspector credential to the System representative upon arrival. Mr. Okun informed him that this was an inspection to observe compliance with the SDWA Section 1433(a) and (b), which requires community water systems that serve more than 3,300 people to complete a RRA and develop an ERP. To facilitate the inspection process, a checklist outlining the requirements of SDWA Section 1433(a) and (b) was used during the document review (refer to Appendix 1, Safe Drinking Water Act (SDWA) Sections 1433(a) and (b) Checklist). The EPA Inspection Team met with Jerry Andrews, the General Manager, for the opening conference.

As a component of the RRA and ERP document review, the following field assets were also observed:

#### ***Master Meters (Interconnections):***

- Master Meter #1
- Master Meter #2
- Master Meter #3

#### ***Finished Water Storage Tanks:***

- West Point Tank
- Griffithville Tank

### SYSTEM DESCRIPTION

The SEWCO Public Water System is a purchase water system that buys from Searcy Waterworks for distribution. The System serves a population of approximately 9,625 people. There are three master meters and five elevated water storage tanks in the System. There are no pump stations or booster stations. No additional chemical treatment is provided by the System. Two operators maintain the System, and the lead operator is on call during off hours.

### ASSET WALKTHROUGH

#### ***Master Meters***

As a component of the RRA and ERP document review, several assets were observed to cross-reference the information listed in the documents with what was actually being implemented in the field. First, Master Meter #1 was observed (refer to Appendix 2, Photograph 1). The meter was underground in a meter vault, and there was a shoebox lid covering the hatchway to the meter. [REDACTED]

[REDACTED] There were approximately five inches of water beneath the meter line

inside of the meter vault (refer to [Appendix 2, Photographs 2 and 3](#)). A small water leak in the meter line was observed downstream of the meter. Water was dripping from the meter line at approximately one drop per second.

Master Meter #2 was observed next, and it was also located in an underground meter vault (refer to [Appendix 2, Photograph 5](#)). There was corrosion/metal loss on the surface of the meter vault which created a small hole (refer to [Appendix 2, Photograph 6](#)). [REDACTED]

[REDACTED] The meter vault was flooded when the EPA Inspector arrived, and the meter line was completely submerged (refer to [Appendix 2, Photographs 7 and 8](#)).

Following Master Meter #2, Master Meter #3 was observed (refer to [Appendix 2, Photograph 9](#)). The System representative stated that there were two meter lines contained within the underground meter vault: The SEWCO Master Meter #3 line and a meter line from the City of Kensett Water. Valves for both Kensett Water and SEWCO were positioned upstream of the meters adjacent to the meter vault which could be used to cut off water into the meter lines (refer to [Appendix 2, Photograph 10](#)). When the EPA Inspector arrived, there was water leaking out of the ground in between the two valves, and it was unclear if the leak was coming from one of the valves or from the submerged water line leading to the valves. The leaking water was running down the hill adjacent to the meter vault (refer to [Appendix 2, Photographs 11 and 12](#)).

[REDACTED] The meter vault was flooded with approximately 4 inches of water (refer to [Appendix 2, Photographs 13 and 14](#)). The water level was below the meter line. The System representative stated that the meter box often flooded with rainwater due to the meter vault's low lying position relative to the surrounding area (refer to [Appendix 2, Photograph 15](#)).

### ***Water Storage Tanks***

The West Point Tank was inspected first (refer to [Appendix 2, Photograph 16](#)). The tank is a 100,000-gallon elevated storage tank. The tank was surrounded by a locked perimeter fence with barbed wire (refer to [Appendix 2, Photograph 17](#)). A sign with information about SEWCO and what number to call in case of an emergency was sitting on the ground next to the fence (refer to [Appendix 2, Photograph 18](#)). An overflow pipe extended to the ground and terminated over a concrete splash pad (refer to [Appendix 2, Photograph 19](#)). The end of the pipe was covered by a 24-inch mesh screen, but debris was covering the majority of the screen (refer to [Appendix 2, Photograph 20](#)). The bottom rungs were removed from the tank's ladder, and a locked security shield covered the lower rungs (refer to [Appendix 2, Photograph 21](#)). [REDACTED]

[REDACTED] A valve vault was positioned next to the tank (refer to [Appendix 2, Photograph 22](#)). The vault contained an altitude valve used to regulate the water level inside of the tank. [REDACTED]

The Griffithville Tank was observed next (refer to [Appendix 2, Photograph 23](#)). The tank is an elevated, 100,000-gallon storage tank. The tank was surrounded by a locked perimeter fence with barbed wire (refer to [Appendix 2, Photograph 24](#)). [REDACTED] An overflow pipe extended to the ground and terminated over a concrete splash pad (refer to [Appendix 2, Photograph 25](#)). The end of the pipe was covered by a 24-inch mesh screen, but debris was covering the majority of the screen (refer to [Appendix 2, Photograph 26](#)). The bottom rungs were removed from the

tank's ladder, and a locked security shield covered the lower rungs (refer to Appendix 2, Photograph 27).

[REDACTED]

[REDACTED] The vault was flooded at the time of the inspection, and the General Manager stated that the sump pump that is ordinarily used to empty the vault was not functioning (refer to Appendix 2, Photograph 29).

## SYSTEM SECURITY AND MONITORING

[REDACTED]

In terms of physical security, the water storage assets are surrounded by locked perimeter fences with barbed wire.

[REDACTED]

## RRA AND ERP GENERATION

The System purchased a software titled "SEMS Technologies" from Arkansas Rural Water to complete their RRA. The software contains RRA and ERP templates that are designed to comply with SDWA 1433(a) and (b). The General Manager used the software to complete only the RRA, not the ERP. The ERP was completed in a Microsoft Word document by the System.

## RISK AND EMERGENCY RESPONSE EXAMPLES

As a component of the RRA and ERP document review, and to provide an example of emergency response and risk assessment, the EPA Inspection Team asked the System representative to describe the response to three specific challenges that many/all of the systems in Arkansas have faced within the last few years:

*The "deep freeze" event of February, 2021* which impacted much of the American southern region. During this event, temperatures were below freezing for a prolonged period of time causing water related infrastructure to freeze. SEWCO did not have a specific response to freezing temperatures outlined in their ERP document. However, they did have a standard operating procedure (SOP) written to deal with an emergency water shut off in response to a natural disaster. They also had a SOP that detailed the steps that operators should take to handle a water main break in the distribution system.

*Tornados*, which are a common occurrence in Arkansas. The System had a formal SOP written to outline the steps required for an emergency water shut off as a result of a natural disaster such as a tornado or a flood.

*The transfer of knowledge* from experienced System representatives to new staff members after experienced staff members are no longer employed by the System. The SEWCO ERP had SOPs written to respond to a natural disaster or water main break. However, the System did not have operations and maintenance (O&M) manuals or SOPs written for how to operate/maintain the various assets in the distribution system. The General Manager stated that they had a senior operator who was in the process of training a newly hired operator, but that the training was not formally documented anywhere.

## **Section II - OBSERVATIONS**

**The following observations pertain to the SDWA Section 1433(a), Risk and resilience assessments.**

**The Safe Drinking Water Act, Section 1433(a)(1)(A)(i)**, states that “Risk and resilience assessments shall include an assessment of the risk to the system from malevolent acts and natural hazards.”

**Observation 1.** There were assets listed in the RRA, but they did not correlate to the System’s actual assets. The asset list included in the RRA identified assets that did not exist (for example, chemical storage and distribution pumps). The risk factor for all of the assets was listed as “low” risk, even though the System representative stated that some assets were at higher risk than others to external threats.

**The Safe Drinking Water Act, Section 1433(a)(1)(A)(ii)**, states that “Risk and resilience assessments shall include the resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the security of such systems) which are utilized by the system.”

**Observation 2.** The asset list in the RRA was inaccurate and did not identify the true assets in the system. Therefore, the item which outlines the resilience of specific assets in the system was not properly completed in the RRA document. The General Manager stated that he was aware of the sensitivity of his assets to environmental hazards such as floods and tornados, but this information was not formally written anywhere in the RRA document.

**The Safe Drinking Water Act, Section 1433(a)(1)(A)(iii)**, states that “Risk and resilience assessments shall include an assessment of the monitoring practices of the system.”

**Observation 3.**

none of this monitoring information was described in the RRA document.

**The Safe Drinking Water Act, Section 1433(a)(1)(A)(iv)**, states that “Risk and resilience assessments shall include an assessment of the financial infrastructure of the system.”

**Observation 4.** A generic financial consequence scale was observed within the RRA, and it displayed the financial impact of possible threats to the system. It appeared that the scale was

universal to the SEMS software template. However, the financial impact of threats to specific assets and infrastructure in the System were not discussed in the RRA.

**The Safe Drinking Water Act, Section 1433(a)(1)(A)(v)**, states that “Risk and resilience assessments shall include an assessment of the use, storage, or handling of various chemicals by the system.”

**Observation 5.** This item was not applicable to the System’s RRA because they do not provide any additional treatment to the water that they purchase from Searcy Water. There is no chemical storage in this system. The word “None” was written in the comments field of this section rather than “Not Applicable.”

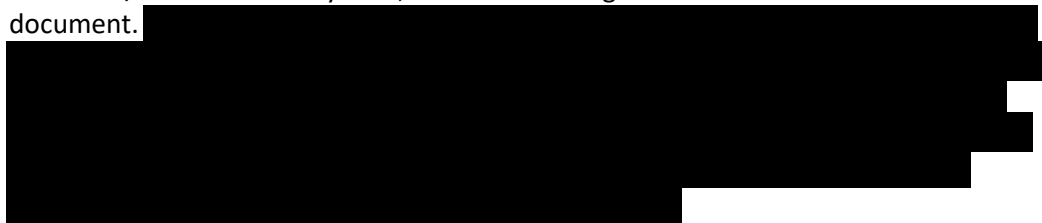
**The Safe Drinking Water Act, Section 1433(a)(1)(A)(vi)**, states that “Risk and resilience assessments shall include an assessment of the operation and maintenance of the system.”

**Observation 6.** System representatives stated that they did not have any formal, written operations and maintenance manuals, and therefore there were no impacts to the operations and maintenance of the system in response to a threat described in the RRA document. The General Manager stated that he and his lead operator relied on experience and institutional knowledge to operate the treatment system. There were written SOPs for responding to a natural disaster and water main break, but not for regular operation of various aspects of the System.

**The following observations pertain to the SDWA Section 1433(b), Emergency response plan.**

**The Safe Drinking Water Act, Section 1433(b)(4)**, states that “The emergency response plan shall include strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.”

**Observation 7.** The General Manager stated that they did have strategies in place to aid the detection of threats/hazards to the system, but these strategies were not described in the ERP document.



**The Safe Drinking Water Act, Section 1433(b)(3)**, states that “The emergency response plan shall include actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.”

**Observation 8.** The General Manager stated that they were unable to purchase alternate source water in the event of a threat or contamination. However, the ERP outlined a response which included obtaining portable water tanks to provide water to impacted areas in the event of a water emergency.

**The Safe Drinking Water Act, Section 1433(b)(2)**, states that “The emergency response plan shall include plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water.”

**Observation 9.** A chain of command, including names and contact information for emergency contacts was provided in the ERP document; however, the emergency contacts were not up to date. The ERP included a procedure for dealing with an emergency water shut off due to a natural disaster, a terrorism event, or a threat to the water quality. In addition, a standard operating procedure was present in the ERP detailing how operators should handle a water main break.

**The Safe Drinking Water Act, Section 1433(c), Coordination**, states that “Community water systems shall, to the extent possible, coordinate with existing local emergency planning committees established pursuant to the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11001 et seq.) when preparing or revising an assessment or emergency response plan under this section.”

**Observation 10.** The White County Sheriff was listed as the law enforcement contact in the event of an emergency, and the General Manager stated that they had a working relationship with the sheriff’s office.

**The Safe Drinking Water Act, Section 1433(b)(1)**, states that “The emergency response plan shall include strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system.”

**Observation 11.** Strategies and resources to improve the resilience of the system (physical and cybersecurity) were not included in the ERP document. However, the General Manager stated that there were cybersecurity measures in place to protect their monitoring software. He also stated that there was a “key security system” in place to ensure that only select individuals had access to the keys to unlock the various assets. The water tanks in the system had security fences with locked gates [REDACTED]

**The following observations pertain to the field assets that were observed during the walkthrough component of the review.**

**Observation 12.** [REDACTED]

**Observation 13.** The General Manager stated that their backflow prevention program was last updated in 2018, and that they had approximately 152 commercial users. The General Manager stated that the System was in the process of updating the program.

**Observation 14.** [REDACTED]

[REDACTED]

**Observation 15.** Water was constantly dripping out of the Master Meter #1 line downstream of the meter, causing flooding in the meter box (refer to [Appendix 2, Photographs 2 and 3](#)). There was approximately one drip coming from the line per second. During the inspection, the water level was below the meter line but there were water marks on the wall of the vault indicating that the water level had been higher than the meter line at some point.

**Observation 16.** The Master Meter #2 line was completely submerged with water, including the telemetry wiring to the meter (refer to [Appendix 2, Photograph 7](#)). Metal loss on the surface of the meter vault created a hole leading directly into the vault (refer to [Appendix 2, Photograph 6](#)). [REDACTED]

**Observation 17.** A leak was observed upstream of Master Meter #3 (refer to [Appendix 2, Photographs 11 and 12](#)). It was unknown if the leak was coming from a valve or a buried line leading to the valves. It was also unknown if the leak was coming from the City of Kensett Water side or the System side since the meter lines and valves ran parallel to each other into the meter vault. The leaking water was running down the hill away from the meter vault.

**Observation 18.** The Master Meter #3 vault was flooded with approximately four inches of water, and water marks on the walls of the meter vault indicate that water levels had been higher in the past (refer to [Appendix 2, Photographs 13 and 14](#)). The meter vault was placed in a low lying area relative to the rest of the surrounding area, and the General Manager stated that flooding was a challenge in this meter vault due to rain runoff (refer to [Appendix 2, Photograph 15](#)).

**Observation 19.** [REDACTED]

**Observation 20.** At the terminus of the West Point Water Tank overflow pipe, there was debris covering the majority of the mesh screen, clogging most of the mesh (refer to [Appendix 2, Photograph 26](#)).

**Observation 21.** At the terminus of the Griffithville Water Tank overflow pipe, there was debris covering the majority of the mesh screen, clogging most of the mesh (refer to [Appendix 2, Photograph 20](#)).

**Observation 22.** [REDACTED] The General Manager stated that an altitude valve was present in the vault, and it was used to regulate the tank level and prevent an overflow. When the EPA Inspector arrived, the vault was flooded, and the

valve was completely submerged (refer to Appendix 2, Photograph 29). The General Manager stated that a sump pump is usually used to empty out the tank, but the pump had failed.

#### **Section IV – CLOSING CONFERENCE**

On June 8, 2023, the EPA Inspection Team met with the General Manager for a closing conference at approximately 1:15 p.m. Jake Okun reviewed observations with the System representative and explained that all observations were preliminary and did not constitute any formal compliance determination.

#### **Section V – FOLLOW UP**

No additional information was received by EPA after exiting the Facility on June 8, 2023.

#### **Section VI – LIST OF APPENDICES**

**Appendix 1** – Safe Drinking Water Act (SDWA) Sections 1433(a) and (b) Checklist

**Appendix 2** – Photograph Log

## Appendix 2

### Photograph Log

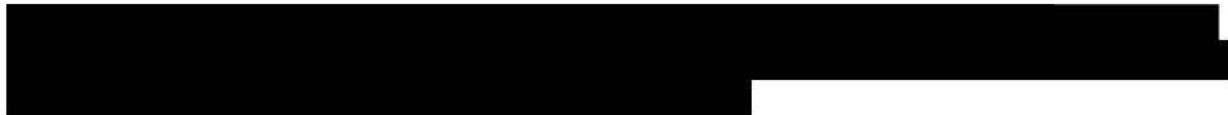
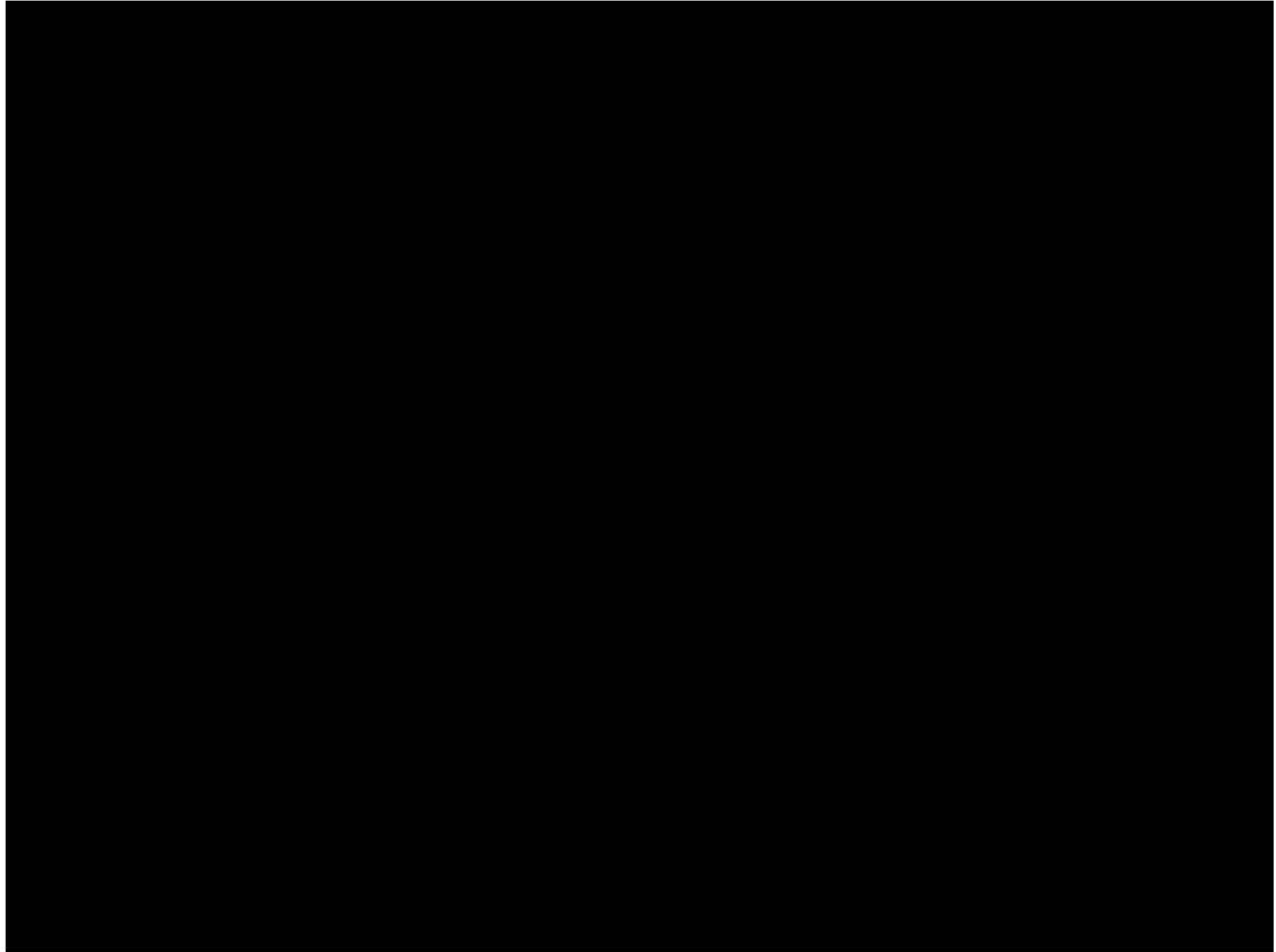


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Photograph Log

Photo No. 2

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 2. Master Meter #1 Line** View of the Master Meter #1 line. There were approximately five inches of water below the line, and water was dripping constantly from the line downstream of the meter.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Photograph Log

Photo No. 3

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



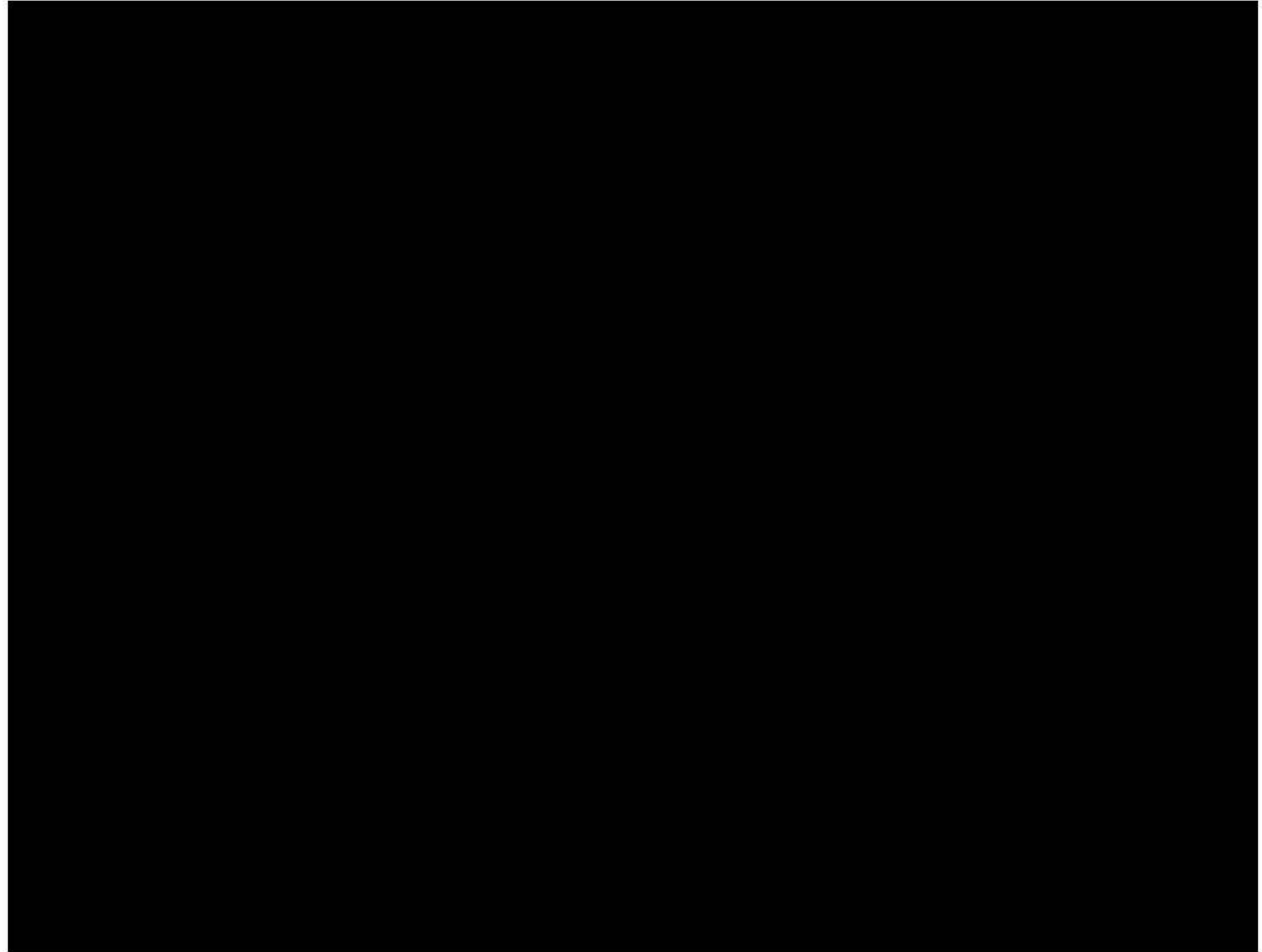
**Photograph 3. Master Meter #1 Line** View of the Master Meter #1 Line. Water marks on the wall show that the water level had been higher than the meter line at some point.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Photograph Log

Photo No. 4

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



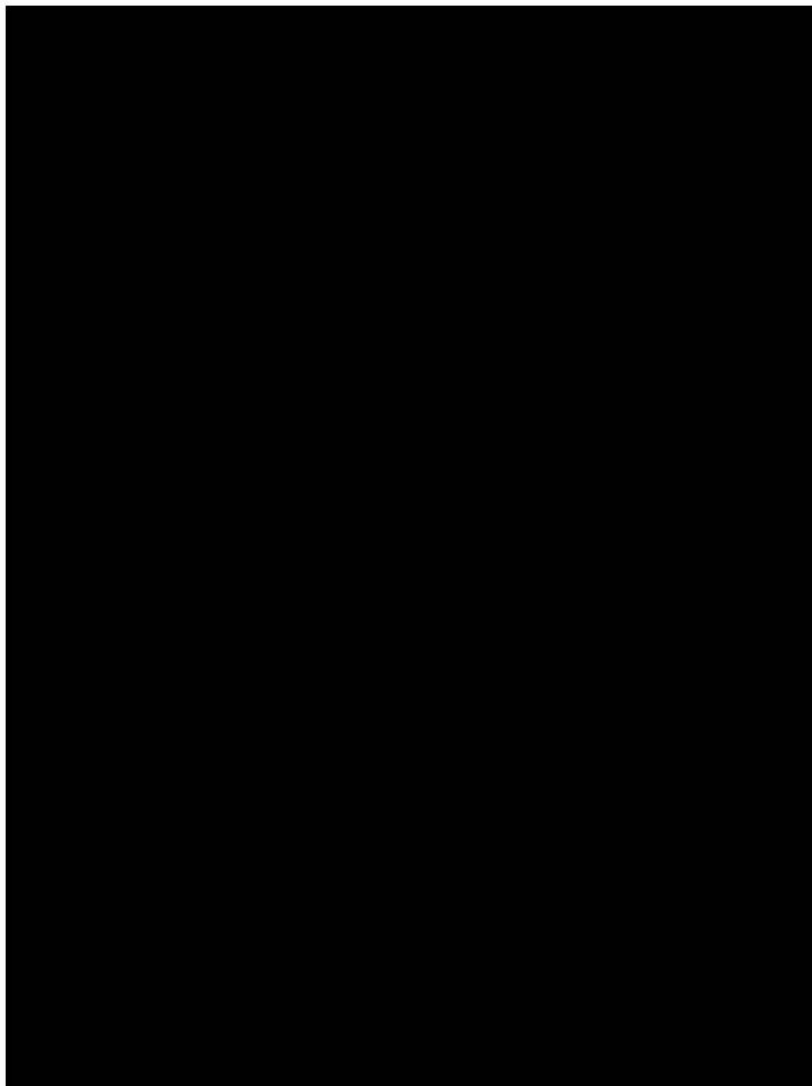


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

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|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 6

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 6. Master Meter #2 Vault** View of a hole in the surface of the Master Meter #2 vault caused by corrosion and metal loss.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 7

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 7. Master Meter #2 Line** View the Master Meter #2 line that was completely submerged. The wiring associated with the meter telemetry was also fully submerged.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 8

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 8. Master Meter #2 Line** Alternate view of the fully submerged Master Meter #2 line.

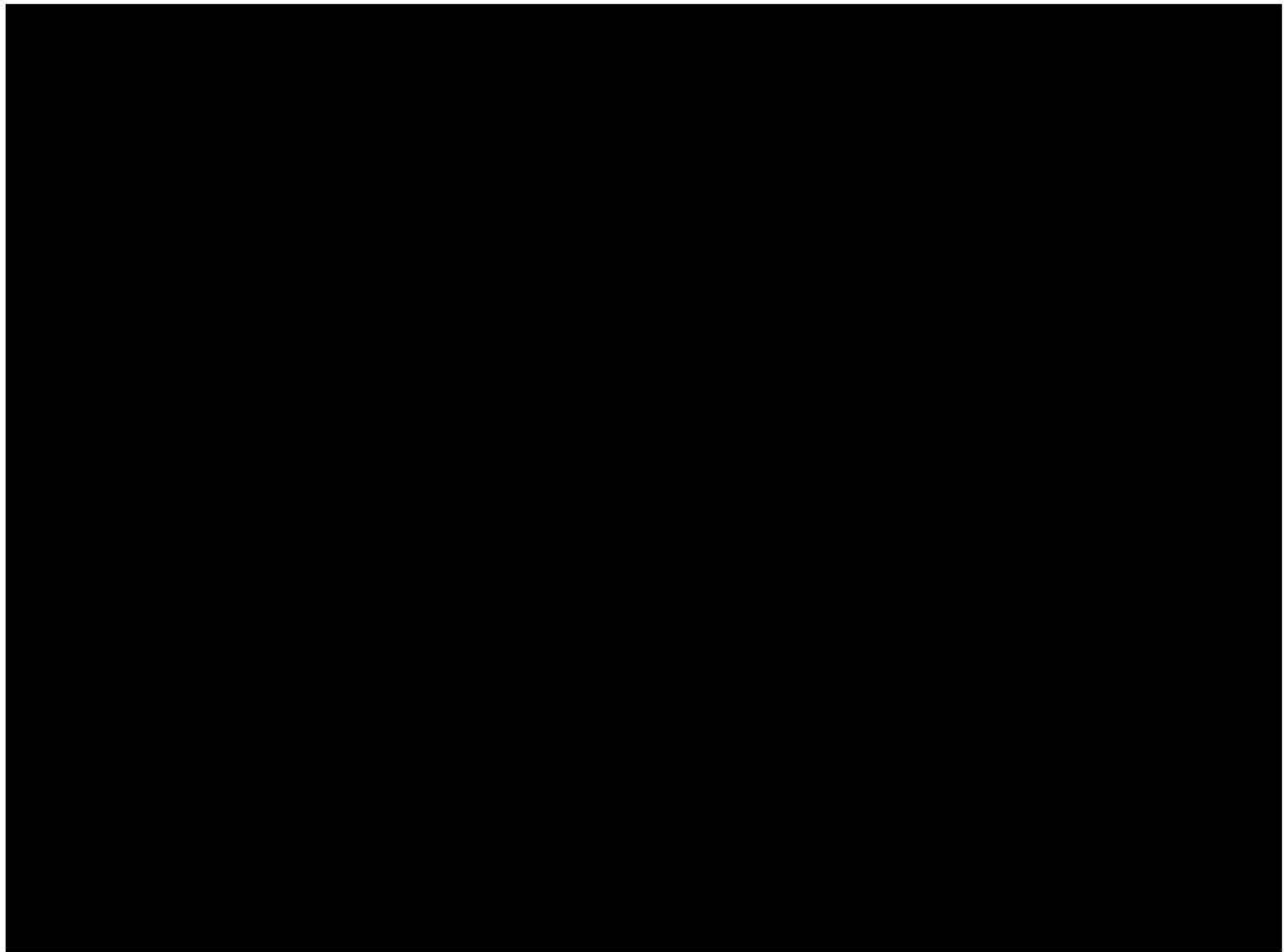


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 10. Kensett Water and SEWCO Valves** View of the City of Kensett Water valve and the SEWCO Master Meter #3 valve that can be used to shut off water supply from Searcy Waterworks. There was a leak coming through the ground, but it was unclear if the leak was coming from a line or one of the valves.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 11

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 11. Water Leak, Master Meter #3** Close up view of the water leak upstream of Master Meter #3. It was unclear where the leak was coming from.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 12

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 12. Water Leak, Master Meter #3** View of the water leak upstream of Master Meter #3 running downhill away from the meter vault.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 13. Master Meter #3 Line** View of the water flooded below the Master Meter #3 line. There were approximately four inches of water below the line.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 14

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 14. Master Meter #3 Line** Alternate view of the Master Meter #3 line which had approximately four inches of water beneath it.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 15

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 15. Master Meter #3 Vault** View of the area surrounding the Master Meter #3 vault. The vault was located in a relatively low position compared to the surrounding area.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 16

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 16. West Point Water Tank** View of the West Point Water Tank. The tank is an elevated, 100,000-gallon storage tank.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 17

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 17. Perimeter Fence, West Point Water Tank** View of the locked security fence that surrounded the West Point Water Tank. The fence was equipped with barbed wire.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 18

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 18. Security Sign, West Point Water Tank** View of the security sign that was on the ground near the West Point Water Tank security fence. The sign contained the System's information including a phone number to call in case of an emergency.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 19

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 19. Concrete Splash Pad, West Point Water Tank** View of the end of the overflow pipe at the West Point Water Tank. The pipe ended over a concrete splash pad and contained a 24-inch mesh screen covering the opening.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 20

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 20. Overflow Pipe, West Point Water Tank** Close up view of the screen covering the end of the overflow pipe at the West Point Water Tank. The screen was mostly covered with debris that was clogging the mesh screen.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 21

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 21. Security Ladder, West Point Water Tank** View of the security ladder and ladder shield at the West Point Water Tank. The ladder shield was locked, and the bottom rungs of the ladder were removed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 22

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 22. Valve Vault, West Point Water Tank** View of the inside of the valve vault located next to the West Point Water Tank. The vault contained an altitude valve used to regulate the water level inside of the tank. [REDACTED]



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 23

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 23. Griffithville Water Tank** View of the Griffithville Water Tank. The tank is an elevated, 100,000-gallon storage tank.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 24

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 24. Perimeter Fence, Griffithville Water Tank** View of the perimeter fence surrounding the Griffithville Water Tank. The fence [REDACTED] was locked and equipped with barbed wire.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 25

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 25. Concrete Splash Pad, Griffithville Water Tank** View of the concrete splash pad beneath the end of the Griffithville Water Tank overflow pipe.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 26

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 26. Overflow Pipe, Griffithville Water Tank** View of the mesh screen covering the end of the overflow pipe at the Griffithville Water Tank. The screen was mostly clogged with debris.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 27

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



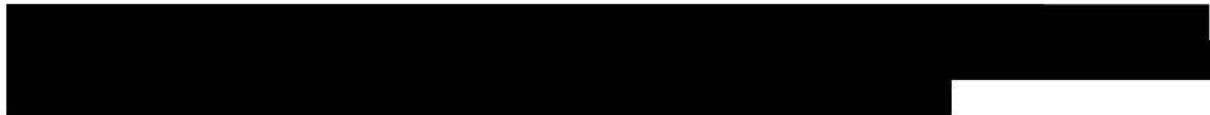
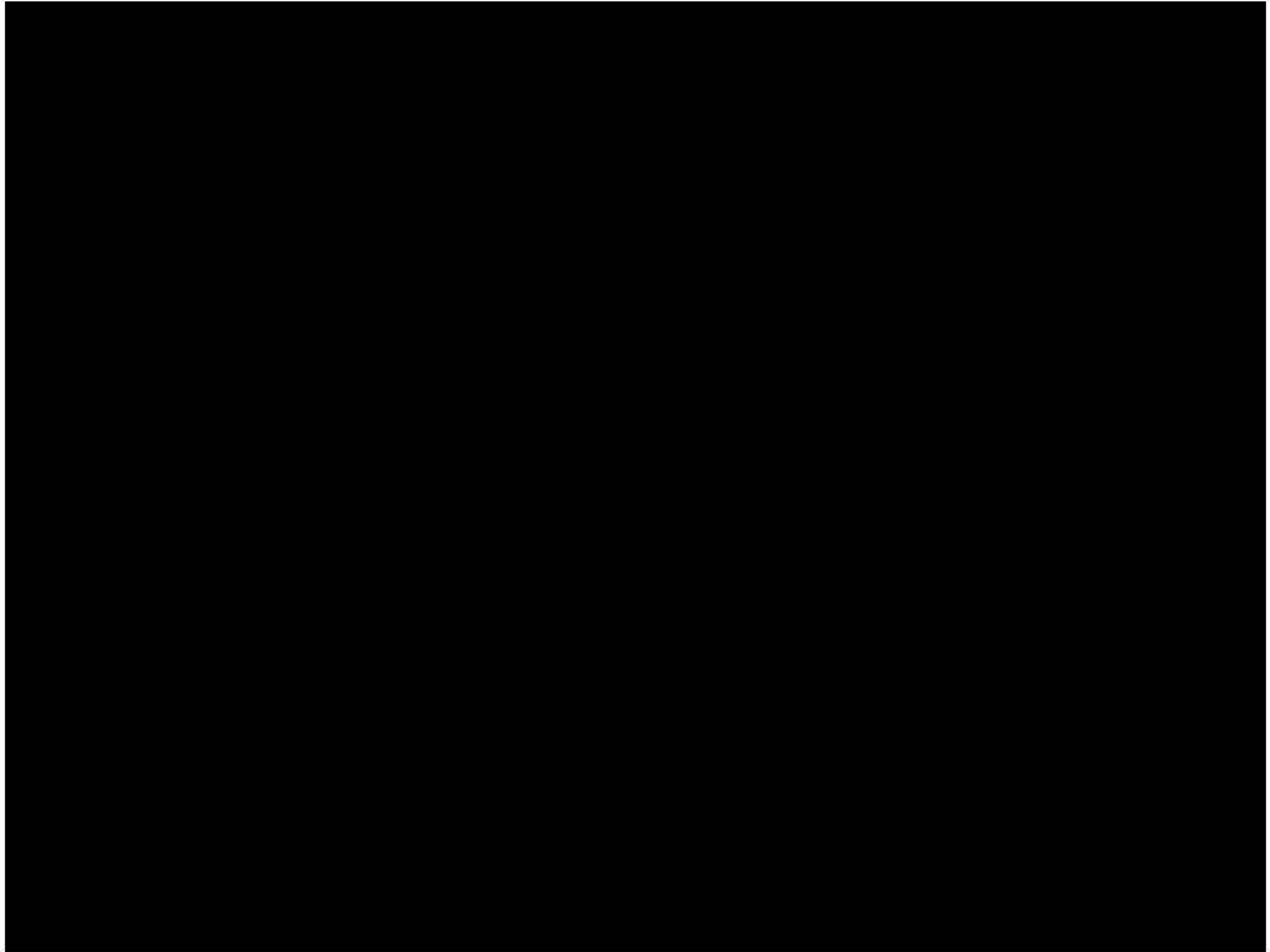
**Photograph 27. Security Ladder, Griffithville Water Tank** View of the security ladder and ladder shield at the Griffithville Water Tank. The ladder shield was locked, and the bottom rungs of the ladder were removed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Photograph Log

Photo No. 28

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## Photograph Log

Photo No. 29

|                                                      |                             |                 |
|------------------------------------------------------|-----------------------------|-----------------|
| Location: Southeast White County Public Water System |                             |                 |
| City: Searcy                                         | County/Parish: White County | State: Arkansas |



**Photograph 29. Valve Vault, Griffithville Water Tank** View of the inside of the valve vault at the Griffithville Water Tank. The vault was flooded, and the valves were completely submerged. The sump pump that was typically used to empty the valve vault was not functional.