



WATER DIVISION INSPECTION REPORT		
AFIN: 72-00003	PERMIT #: AR0022063	DATE: 9/20/2016
COUNTY: 72 Washington	PDS #: 093234	MEDIA: WN
GPS LAT: 36.2031 LONG: -94.1402 LOCATION: General Area		

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: Springdale Collection System LOCATION: CITY: Springdale	FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 71330 S - State FACILITY EVALUATION RATING: 2 - Marginal INSPECTION TYPE: SSO/Collection System DATE(S): ENTRY TIME: EXIT TIME: PERMIT EFFECTIVE DATE: 9/20/2016 15:40 17:00 4/1/2004 PERMIT EXPIRATION DATE: 3/31/2009

RESPONSIBLE OFFICIAL	INSPECTION PARTICIPANTS
NAME / TITLE: Heath Ward / Executive Director COMPANY: Springdale Water Utilities MAILING ADDRESS: P.O. Box 769 CITY, STATE, ZIP: Springdale AR 72765 PHONE & EXT. / FAX: 479-751-5751 / EMAIL: hward@springdalewater.com CONTACTED DURING INSPECTION: Yes	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Tim Hawkins, Technical Services Director, 479-751-5751, thawkins@springdalewater.com Garrett Grimes, ADEQ District 1 Inspector, 479-267-0811 ext. 16

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
**	PERMIT	**	FLOW MEASUREMENT	**	STORMWATER
S	RECORDS/REPORTS	**	LABORATORY	M	FACILITY SITE REVIEW
M	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT
M	OTHER: Collection System				

SUMMARY OF FINDINGS

The following items are violations of Part III, Section B, 1.A. of the permit and violations of APC&EC Regulation 6, which has adopted the "10 States Standards" (<http://10statesstandards.com/wastewaterstandards.html#40>):

- 1.) For the Silent Grove lift station:
- No emergency contact info posted at lift station.
 - Sewer solids observed on ground (Photo 5). Mr. Tim Hawkins submitted documentation via email on September 23, 2016 indicating that solids have been picked up and properly disposed of. No further response required for this finding.
 - Broken bubbler tube has not been repaired and is being held up by rope tied to vent pipe outside of wet well (Photos 3-4). Mr. Tim Hawkins submitted documentation via email on September 23, 2016 indicating that this has been repaired. No further response required for this finding.
 - Inspection records for the lift station dated 9/19/2016 indicate that the bubbler system is "OK." This inspection was conducted by a City employee with initials "JW." The rope holding the bubbler tube up was brittle and discolored from sunlight indicating that it had been in place for some time. Additional employee training is recommended for the City's lift station inspectors.
- 2.) For the Brush Creek lift station:
- No violations noted at this station

GENERAL COMMENTS

I inspected this collection system with the above-referenced inspection participants on September 20, 2016. Inspection included assessment of two of the City's 26 lift stations. Findings are noted in the "Summary of Findings" above. Additional information specific to individual lift stations can be found in the checklists below.

INSPECTOR'S SIGNATURE: <i>Danielle Gray</i> Danielle Gray	DATE: 9/26/2016
SUPERVISOR'S SIGNATURE: <i>Kerri McCabe</i> Kerri McCabe	DATE: 9/30/2016

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE						
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: <u>Gravity and force main system ranges from 4" to 36" diameter pipelines servicing Springdale, Lowell, and Johnson.</u>								
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <u>Population served is 86,702. Total connections are 28,132.</u>								
FEET OF SEWER SYSTEM: <u>380 miles (2,028,091 feet) of gravity fed and 27 miles (145,466 feet) of force main</u>								
AGE OF SYSTEM: <u>Installed in 1947</u>								
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <u>I & I</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE							
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE							
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE							
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE							
<table border="1"> <tr> <td>Location:</td> <td>Date:</td> </tr> <tr> <td>152 N 40th St., AR 72762 – MH #5323 – Brush Creek</td> <td>12/27/2015</td> </tr> <tr> <td>2910 Silent Grove Rd., Springdale, AR – WWTP – Treated Stormwater</td> <td>08/09/2016</td> </tr> </table>	Location:	Date:	152 N 40 th St., AR 72762 – MH #5323 – Brush Creek	12/27/2015	2910 Silent Grove Rd., Springdale, AR – WWTP – Treated Stormwater	08/09/2016		
Location:	Date:							
152 N 40 th St., AR 72762 – MH #5323 – Brush Creek	12/27/2015							
2910 Silent Grove Rd., Springdale, AR – WWTP – Treated Stormwater	08/09/2016							
PUMP STATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE						
NUMBER OF PUMP STATIONS IN SYSTEM: <u>26</u>	NUMBER WITH BACKUP POWER: <u>14 (remaining 12 have generator hook up onsite and city has mobile generator)</u>							
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <u>Weekly site inspections; 24/7 SCADA monitoring</u>								
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>Yes – via electronic SCADA file and operators notes</u>								
ADEQUATE INVENTORY OF SPARE PARTS: <u>Yes</u>								
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <u>SCADA</u>								
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <u>Standby pumps, generators, storage capacity; immediate repairs whenever possible. For spills/releases, pumper truck, repair, absorbents as applicable, lime, solids disposal; ADEQ notification.</u>								
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): <u>2</u>								
SATELLITE SYSTEMS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE						
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>Yes</u>								
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:								
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: <u>Lowell, Johnson, and Elm Springs. Lowell and Johnson; approximately half of the sewage from Johnson and two thirds of the flow from Lowell is collected via lines owned by Springdale Water Utilities for treatment. Elm Springs operates a septic tank effluent pumping system wherein 20% of the flow from Elm Springs is discharge to the Ball Street Life Station in Springdale as needed to provide relief to the Elm Springs treatment plant. Agreement between City of Springdale and Elm Springs ends October 30, 2016.</u>								
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>No</u>								
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: <u>Springdale Water Utilities</u>								

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Silent Grove Lift Station; 36.218440, -94.159610	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS: Dried solids observed on the ground near lift station. Mr. Hawkins informed that a contractor must have left them when the station was pumped recently.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED: <u>Rope tied to bubbler tube inside wet well. Permittee was unaware of ropes purpose until we opened the wet well. Bubbler tube must be repaired.</u>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED: <u>Emergency contact information is not posted as required.</u>	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Brush Creek Lift Station; 36.186538, -94.175783	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Water Division Photographic Evidence Sheet

Location:	Springdale Collection System		
Photographer:	Dannielle Gray	Date:	9/20/2016
Witness:	Garrett Grimes & Tim Hawkins	Time:	1605
Description:	Silent Grove Lift Station; 36.218440, -94.159610		



Photographer:	Garrett Grimes	Date:	9/20/2016
Witness:	Dannielle Gray & Tim Hawkins	Time:	1607
Description:	Silent Grove dry well.		



Water Division Photographic Evidence Sheet

Location:	Springdale Collection System		
Photographer:	Garrett Grimes	Date:	9/20/2016
Witness:	Dannielle Gray & Tim Hawkins	Time:	1604
		Photo #:	3
Description:	Rope holding broken bubbler tube (tube inside wet well) at Silent Grove Lift Station.		



Photographer:	Garrett Grimes	Date:	9/20/2016
Witness:	Dannielle Gray & Tim Hawkins	Time:	1608
		Photo #:	4
Description:	Wet well for Silent Grove Lift Station; note robe attached to bubbler tube is also shown in Photo 3 above.		



Water Division Photographic Evidence Sheet

Location:	Springdale Collection System				
Photographer:	Dannielle Gray	Date:	9/20/2016	Time:	1605
Witness:	Garrett Grimes & Tim Hawkins			Photo #:	5
Description:	Solids on ground at Silent Grove Lift Station.				



Photographer:	Dannielle Gray	Date:	9/20/2016	Time:	1621
Witness:	Garrett Grimes & Tim Hawkins			Photo #:	6
Description:	Brush Creek Lift Station; 36.186538, -94.175783				



Water Division Photographic Evidence Sheet

Location:	Springdale Collection System			
Photographer:	Garrett Grimes	Date:	9/20/2016	
Witness:	Dannielle Gray & Tim Hawkins		Time:	1625
Description:	Wet well at Brush Creek Lift Station.		Photo #:	7

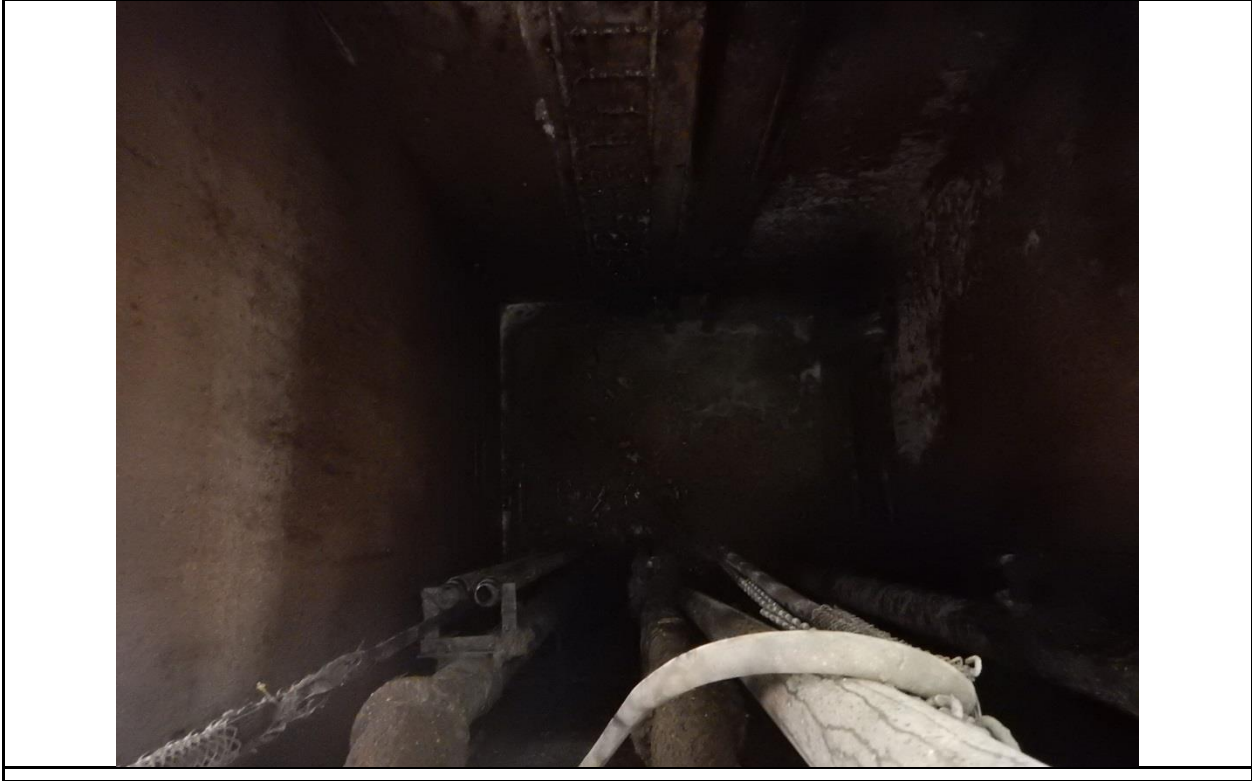
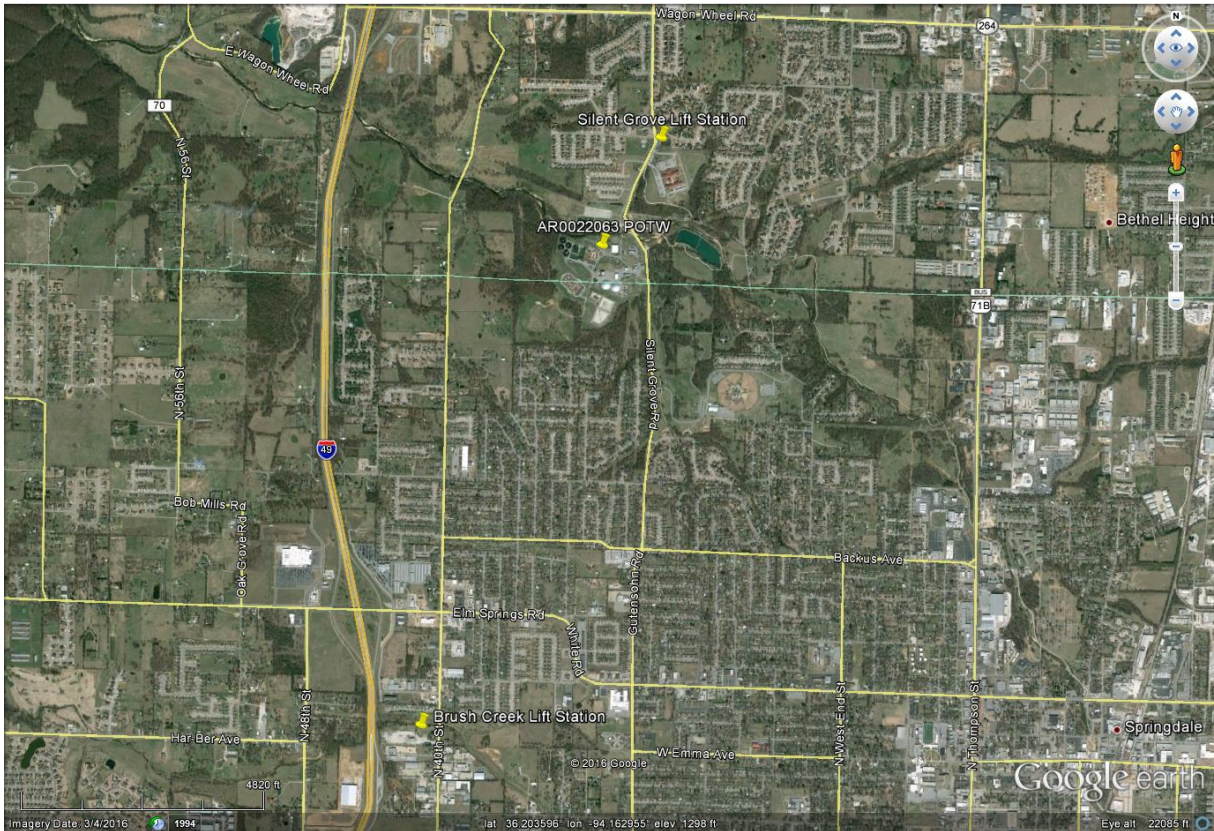


Figure 1. Google Earth image dated March 4, 2016 showing locations of lift stations assessed during inspection.



From: [Gray, Dannielle](#)
To: [McConnell, Melissa](#)
Cc: [McCabe, Kerri](#)
Subject: Springdale WID 20938 & 20939
Date: Monday, October 17, 2016 8:58:00 AM
Attachments: [Most Recent Work Orders - Silent Grove Brush Creek Lift Stations.msg](#)
[FW Silent grove pump station.msg](#)
[Clar #4 contact tank.msg](#)
[Clar #4 contact tank.msg](#)

Please attach to the above referenced water id's.

Thanks,

~Dannielle

Dannielle Gray
Inspector, District 4
Arkansas Department of Environmental Quality
5301 Northshore Drive, North Little Rock AR 72118
Phone: 501.813.9376
Email: grayd@adeq.state.ar.us

From: [Tim Hawkins](#)
To: [Gray, Danielle](#)
Subject: Most Recent Work Orders - Silent Grove & Brush Creek Lift Stations
Date: Friday, September 23, 2016 3:59:50 PM
Attachments: [2016_09_23_15_55_47.pdf](#)
[Springdale Water Utilities - SSO Survey Inspection Checklist.docx](#)

Danielle,

Please see the attached checklists for Silent Grove & Brush Creek Lift Stations. I have also attached a word document version of our system information for your convenience. If you need any further documents please let me know. We enjoyed having you both at our facilities and welcome both of you to come back at any time. Have a good weekend!

Thank you,

Tim Hawkins
Technical Services Director
Springdale Water Utilities
P.O. Box 769
Springdale, AR 72765
(479) 751-5751

	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	Check Gates/Fences/Mowing/Weed Control (Exterior)	Check Pump 1 & Record Runtime Hours: Flow Monitors	Check Pump 2 & Record Runtime Hours	Check Pump 3 & Record Runtime Hours	Doors, Hatches, Ladders & Vaults	Bubbler Sys, Air Compressor, Bleed Valves, Purge Bubbler pipe	Lights/Fixtures, Fans, Security System	Air Handling (Heater/AC/Dehumidifier/Blower)	Clean/Sweep/Vac/Visual Interior Check	Record Generator Reading	Check Generator Fuel Level								
Vineyard 9/19/16 JV	ON	688.2	6381.8	/	ON	ON	ON	ON	ON	564.2	64%								
Silent Grove 9/19/16 JV	ON	600.7	6061.5	/	ON	ON	ON	ON	ON	332.8	68%								
Spring Hill 9/19/16 JV	ON	588.8	3365.3	/	ON	ON	ON	ON	/	/	/								
Stultz 9/19/16 JV	ON	4803.88	1638.15	/	ON	ON	ON	ON	603.3	69%									
Cord Avenue 9/19/16 JV	ON	541.6	6511.04	/	ON	ON	ON	ON	/	/	/								
Benton Farm 9/19/16 JV	ON	615.8	8391.00	65.37	ON	ON	ON	ON	95	3/4									
Lowell 9/19/16 JV	ON	7181.6	2211.23	/	ON	ON	ON	ON	/	/	/								
Cambridge Place 9/19/16 JV	ON	418.7	1101.7	/	ON	ON	ON	ON	/	/	/								
Ferns Valley 9/19/16 JV	ON	213.2	617.7	/	ON	ON	ON	ON	/	/	/								

09/19/2016
to 09/30/2016

	2W/ Inspect Wetwell	Check pump mechanical 2W seal filters	Check Generator Engine 2W Oil Level	Check Generator Engine 2W Coolant Level
Vineyard <u>9119116</u>	OK	OK	OK	OK
Silent Grove <u>9119116</u>	OK	OK	OK	OK
Spring Hill <u>9119116</u>	OK	OK		
Stultz <u>9119116</u>	OK	OK	OK	OK
Cord Avenue <u>9119116</u>	OK	OK		
Benton Farm <u>9119116</u>	OK		OK	OK
Lowell <u>9119116</u>	OK			
Cambridge Place <u>9119116</u>	OK	OK		
Ferns Valley <u>9119116</u>	OK	OK		

09/19/2016 to 09/23/2016		Check Gates/Fences/Mowing/We ed Control (Exterior)	Check Pump 1 & Record Runtime Hours; Flow Monitors	Check Pump 2 & Record Runtime Hours	Check Pump 3 & Record Runtime Hours	Check Pump 4 & Record Runtime Hours	Doors, Hatches, Ladders & Vaults	Bubbler Sys, Air Compressor, Bleed Valves, Purge Bubbler pipe	Lights/Fixtures, Fans, Security System	Air Handling (Heater/AC/Dehumidifier/Bl ower)	Clean/Sweep/Vac/Visual Interior Check	Record Generator Reading	Check Generator Fuel Level
		W	W	W	W	W	W	W	W	W	W	W	W
Golf Club 9/19/16	JS Mow		1805.96	1322.45	/	/	OK	OK	OK	OK	OK	474.5	68%
Wildcat 9/19/16	JS Mow		247.66	208.89	/	/	OK	OK	OK	OK	OK	550.0	3/4
Jones Rd. 9/19/16	JW Mow OK		2783.5	4371.1	/	/	OK	OK	OK	OK	OK	233.7	/
Tuscany 9/19/16	JW Mow OK		2095.378	1334.816	/	/	OK	OK	OK	OK	OK	/	/
Brooklyn (Arber Est.) 9/19/16	JW Mow OK		1134.89	813.1	/	/	OK	OK	OK	OK	OK	/	/
Har-Ber 9/19/16	JS OK		14155.60	15738.62	99.8	35.73	OK	OK	OK	OK	OK	515	/
Ball Road 9/19/16	JW Mow OK		593.72	171.87	/	/	OK	OK	OK	OK	OK	/	/
Brush Creek 9/19/16	JS OK		5533.2	1115.4	/	/	OK	N/A	OK	OK	OK	153.8	3/4

09/19/2016
to 09/30/2016

	2W Inspect Wetwell	Check pump mechanical 2W seal filters	Check Generator Engine 2W Oil Level	Check Generator Engine 2W Coolant Level
35 Golf Club 9/19/16	OK		OK	OK
55 Wildcat 9/19/16	OK		OK	OK
Jones Rd. 9/19/16	OK	OK	OK	OK
Tuscany 9/19/16	OK	OK		
Brooklyn (Arber Est.) 9/19/16	OK	OK		
55 Har-Ber 9/19/16	OK		OK	OK
Ball Road 9/19/16	OK	OK		
55 Brush Creek 9/19/16	OK		OK	OK

SPRINGDALE WATER UTILITIES SSO INSPECTION CHECKLIST

COLLECTION SYSTEM

1. Describe the collection system.

The Springdale Water Utilities Sanitary Sewer System generally encompasses lands located within the current City Limits of Springdale, as well as portions of the cities of Lowell and Johnson.

2. Population of service area/number of residents/commercial connections

The current figures based on our last sanitary survey (September 2013) indicate a service area population of 86,702. As of September 19th, 2016, Springdale Water Utilities provides sanitary service to 28,132 sewer connections.

3. Feet of sewer.

The sanitary sewer collection system contains approximately 380 miles or 2,028,091 feet of gravity sewer pipe ranging from 6” to 36” diameter. The collection system contains approximately 27 miles or 145,466 feet of force main pipe ranging from 4” to 24” in diameter.

4. Age of system.

The City’s present sewer system dates back to 1947.

5. Does the collection system experience problems during dry or wet weather?

Describe or provide documentation.

During wet weather our system does experience some effects due to inflow and infiltration. The wastewater plant and Johnson Lift Station have flow detention basins to handle excessive flows.

6. Agency notification procedure: What information is reported?

Normally, we will report Sanitary Sewer Overflows using the ADEQ online form. We may also report by phone or e-mail. If incomplete information is submitted within the first 24 hours, we normally report via telephone or e-mail complete information within 48 hours.

PUMP STATIONS

1. How many pump stations are in the system? How many have backup power sources?

We currently have twenty-six lift stations in our collection system. Eleven lift stations, including all major lift stations, are equipped with multiple submersible style pumps ranging in size from 3 HP to 185 HP. The remaining lift stations are small pre-fabricated

duplex configurations with dry pit vertical pumps ranging from 5 HP to 30 HP. Fourteen of the twenty-six lift stations have on site emergency generators. The remaining stations are equipped with manual transfer switches to facilitate connection to one of the utility's two mobile generators that can be dispatched to each location.

2. How often are pump/lift stations inspected and monitored? If SCADA system is used, what parameters are monitored?

Utility staff makes an effort to physically/visually inspect every lift station weekly. Springdale Water Utilities does use SCADA monitoring systems for all of our lift stations. The information gathered from the system is transmitted by radio to a master station/PLC on Dodd Mountain. From the master, information is relayed to three HMI work station computers for monitoring. The primary monitoring location is our dispatch office. The same information is relayed to the wastewater plant operations facility and the administration office. Between these three locations the system is monitored 24 hours a day.

The parameters that are monitored vary according to the site. However, each site includes most of the following alarms: Power Fail, Intrusion/Unauthorized Entry, High/Low Level, PLC Heartbeat Fail, Station Flood, Loss of Air, Pump Status, Pump Failure, and if equipped, Generator Status.

3. What provisions have been made for emergencies?

Fourteen lift stations have stand-by generators on site, equipped with automatic transfer switches for emergency power generation. The remaining stations are equipped with manual transfer switches to facilitate connection to two mobile generators. Response time is kept to a minimum due to 24/7 monitoring by the SCADA system. The SCADA system is monitored 24/7 by staff and also automatically sends alarms to operator's phones.

SATELLITE SYSTEMS

1. Does the collection system receive flow from satellite systems?

The only true satellite system for Springdale is the City of Elm Springs. Elm Springs operates a Septic Tank Effluent Pumping (STEP) System. There is a potential for up to 20% of Elm Springs total flow to be discharged to the Ball Street Lift Station in Springdale to provide relief to the Elm Springs treatment plant. This is a temporary agreement which will end October 30th, 2016.

Springdale also receives sewage from within the City Limits of Lowell and Johnson. Approximately one half of the sewage from Johnson and two thirds of the flow from Lowell is collected by lines owned and maintained by Springdale Water Utilities.

- 2. Are there any known problems with satellite collection systems (hydraulic flow, WW concentration, ordinances, etc.)?**

There are no known issues at this time.

- 3. Who is responsible for the enforcement and response?**

Springdale Water Utilities has regulatory authority.

PERFORMANCE INDICATORS (COLLECTION AND SATELLITE SYSTEMS)

- 1. Provide a list of sanitary sewer overflows that occurred in the last 5 years, including date, volume (gallons), location, duration, cause, and response.**

See attached spreadsheet.

- 2. Are all sanitary sewer overflows reported, regardless of size?**

Springdale Water Utilities reports all known overflows.

- 3. How many sanitary sewer overflows have reached “waters of the US”? Provide documentation.**

See specific overflow attachments.

From: [Loren Sharp](#)
To: [Gray, Danielle](#)
Subject: Clar #4 & contact tank
Date: Wednesday, September 21, 2016 1:06:41 PM
Attachments: [IMG 5100.JPG](#)
[ATT00004.txt](#)
[IMG 5101.JPG](#)
[ATT00005.txt](#)
[IMG 5102.JPG](#)
[ATT00006.txt](#)

Here is the pics if u need anything more just let me know
Thanx
Loren

From: [Tim Hawkins](#)
To: [Gray, Dannielle](#)
Subject: FW: Silent grove pump station
Date: Friday, September 23, 2016 3:10:40 PM
Attachments: [IMG_0009.JPG](#)
[IMG_0010.JPG](#)
[IMG_0008.JPG](#)

FYI

Thank you,

Tim Hawkins
Technical Services Director
Springdale Water Utilities
P.O. Box 769
Springdale, AR 72765
(479) 751-5751

-----Original Message-----

From: Bill Corrigan [<mailto:bcorrigan@springdalewater.com>]
Sent: Thursday, September 22, 2016 5:00 PM
To: Tim Hawkins <thawkins@springdalewater.com>
Subject: Silent grove pump station

Tim,

We have cleaned all of the rags from the pump station property that were left behind by our cleaning contractor Hill services from their most recent visit .we have also installed a new anchor and eye bolt , both stainless steel , and removed the rope tied to the vent.

Thanks,
Bill Corrigan
Pump Station Manager
Springdale Water Utilities













From: [McCabe, Kerri](#)
To: [McConnell, Melissa](#)
Cc: [Gray, Dannielle](#)
Subject: FW: Inspection Report: Springdale Collection System, AFIN: 72-00003, Permit #: AR0022063 (Washington Co.)
Date: Thursday, November 03, 2016 7:44:55 AM
Attachments: [Springdale Water - Inspection Report Response - AFIN 72-00003 - Permit AR0022063 - 11-2-16.pdf](#)
[image001.png](#)

Melissa,

Please attach email and attachment to WIDs 20938-39. I have updated Tracker. Thank you.

Kerri McCabe

Inspector Supervisor
ADEQ – Water Division
Field Services – Inspection Branch

Office – (501) 682-0642
Work Cell – (501) 352-5641
Fax – (501) 682-0880
5301 Northshore Drive
North Little Rock, AR 72118-5317



From: Tim Hawkins [mailto:thawkins@springdalewater.com]
Sent: Wednesday, November 02, 2016 2:41 PM
To: McCabe, Kerri
Cc: hward@springdalewater.com
Subject: Inspection Report: Springdale Collection System, AFIN: 72-00003, Permit #: AR0022063 (Washington Co.)

Ms. McCabe,

Please find the attached response to Inspection Report: Springdale Collection System, AFIN: 72-00003, Permit #: AR0022063 (Washington County).

Please let us know if you have any questions.

Thank you,

Tim Hawkins
Technical Services Director
Springdale Water Utilities

P.O. Box 769
Springdale, AR 72765
(479) 751-5751



Springdale Water Utilities

526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 479-751-5751

November 2, 2016

Arkansas Department of Environmental Quality
Water Division Inspection Branch
5301 Northshore Drive
North Little Rock, AR 72118-5317

Attn: Ms. Kerri McCabe

RE: Inspection Report: Springdale Collection System, AFIN: 72-00003, Permit #: AR0022063

Dear Ms. McCabe:

Springdale Water Utilities submits this letter in response to compliance inspection findings identified during the most recent inspection of the Springdale Collection System on 9/20/2016.

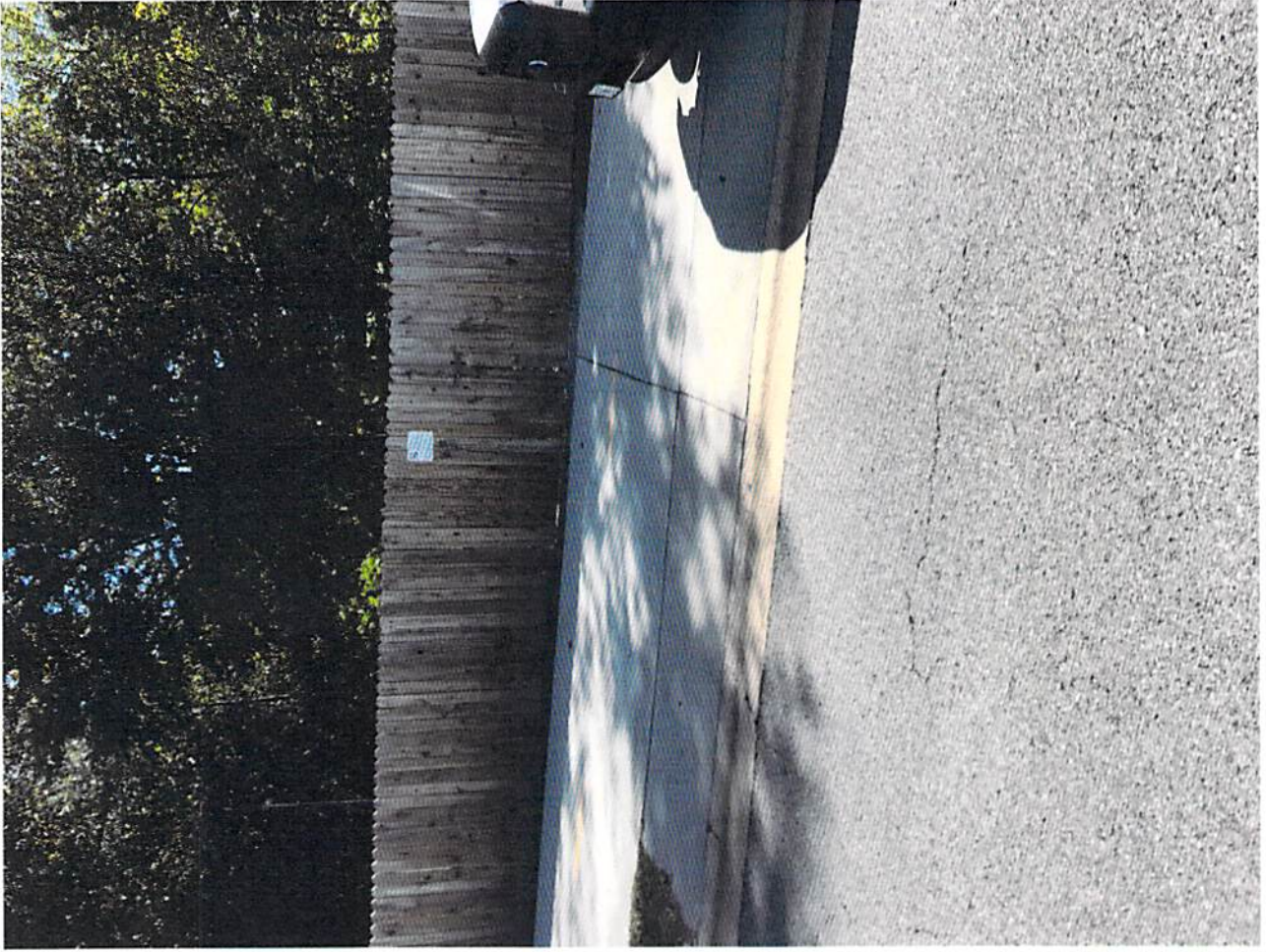
The following items identified in the report's summary of findings have been addressed:

1. The utility's emergency contact information sign was removed at the Silent Grove Lift Station due to the replacement of the site's privacy fence. Emergency contact information is now posted at the Silent Grove Lift Station. A photograph of this sign is attached to this letter. This sign provides a twenty-four (24) hour emergency telephone number, enabling members of the public to notify the utility of any problems that may arise.
2. Disciplinary action was taken against the employee who improperly marked the bubbler system as "OK." Furthermore, on 10/21/2016, the Pump Station Manager conducted a hands-on training exercise with all lift station inspectors on the proper operation installation, maintenance, and operation of lift station components. The utility will conduct additional hands-on training with staff on a regular basis to reinforce expectations and to ensure proper inspection procedures are being followed.

Please feel free to contact me at (479) 751-5751 if you have any questions or need additional information.

Sincerely,

Heath Ward
Executive Director
Springdale Water Utilities



THIS FACILITY
OWNED BY
SPRINGDALE
WATER UTILITIES

CALL 479-751-5751 FOR
ANY EMERGENCIES

ADEQ

ARKANSAS
Department of Environmental Quality

November 14, 2016

Heath Ward, Executive Director
Springdale Water Utilities
P.O. Box 769
Springdale, AR 72765

RE: Response to Inspection (Washington Co)
AFIN: 72-00003 **NPDES Permit No.: AR0022063**

Dear Mr. Ward:

I have reviewed the responses pertaining to my September 20, 2016 inspection of the Springdale Wastewater Treatment Plant and the Springdale Collection System. The information provided sufficiently addresses the violations referenced in my inspection reports. At this time, the Department has no further comment concerning this particular inspection. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (479) 424-0333 or you may e-mail me at grayd@adeq.state.ar.us.

Sincerely,



Dannielle Gray
District 4 Field Inspector
Water Division

cc: Tim Hawkins, Technical Services Director, thawkins@springdalewater.com
Jennifer Enos, Wastewater Facilities Director, jenos@springdalewater.com