

 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT					
		AFIN: 73-00055		PERMIT #: AR0021601		DATE: 10/8/2014	
		COUNTY: 73 White			PDS #: 081084	MEDIA: WN	
		GPS LAT: 35.268289 LONG: -91.716111 LOCATION: Entrance					
FACILITY INFORMATION			INSPECTION INFORMATION				
NAME: Searcy WWTF LOCATION: 260 N. Bypass CITY: Searcy			FACILITY TYPE: 1 - Municipal		INSPECTOR ID#: 80397 S - State		
RESPONSIBLE OFFICIAL NAME / TITLE: Daniel Dawson / General Manager COMPANY: Searcy Water Utilities MAILING ADDRESS: 300 North Elm Street P.O. Box 1319 CITY, STATE, ZIP: Searcy AR 72145 PHONE & EXT. / FAX: 501-268-2481 / 501-268-9463 EMAIL: d.dawson@cabelynx.com CONTACTED DURING INSPECTION: Yes			FACILITY EVALUATION RATING: 5 - Satisfactory		INSPECTION TYPE: SSO/Collection System		
			DATE(S): 10/8/2014	ENTRY TIME: 14:00	EXIT TIME: 16:00	PERMIT EFFECTIVE DATE: 10/1/2013 PERMIT EXPIRATION DATE: 9/30/2018	
			FAYETTEVILLE SHALE RELATED: N				
FAYETTEVILLE SHALE VIOLATIONS: N							
INSPECTION PARTICIPANTS							
NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Clark Baker/ADEQ Water Inspector/(501)682-0657							
AREA EVALUATIONS							
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
S	PERMIT	N	FLOW MEASUREMENT	S	STORMWATER		
S	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW		
M	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM		
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT		
N	OTHER:						
SUMMARY OF FINDINGS							
<ul style="list-style-type: none"> • 1½ feet of a thick petroleum based substance in the well of the Baker-Hughes Substation in violation of Part III, B.1.A of the permit (see photos 6-8). 							
GENERAL COMMENTS							
INSPECTOR'S SIGNATURE:  Clark Baker				DATE: 11/25/2014			
SUPERVISOR'S SIGNATURE:  Jason Bolenbaugh				DATE: 11/25/2014			

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>A combination of old and new lines ranging from 6" to 48" with 95% gravity flow</u>		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <u>A population of 22,858 with 6,500 connections</u>		
FEET OF SEWER SYSTEM: <u>Approximately 60 miles</u>		
AGE OF SYSTEM: <u>100 years to current</u>		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <u>During the days of June 9th - June 12th in 2014 the 7 day geometric mean was more than double the permit limit and the reason given in the noncompliance report was "some uncharacteristic flow due to unusual storm events." The storm event referenced was from the 8th - the 10th and had a total of 2.91 inches with a max of 1.71 inches on the 8th.</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): <u>Reported on the monthly DMRs or verbally if a danger to health or environment exists</u>		<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 type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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>10</u>	NUMBER WITH BACKUP POWER: <u>all have an adapter for a portable generator</u>	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <u>They are monitored daily by SCADA and visually inspected weekly (Fridays)</u>		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>Yes</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>SCADA sounds an alarm in the office and personnel responds immediately</u>		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): <u>3</u>		
SATELLITE SYSTEMS		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>No</u>		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:		

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: Loves	
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input checked="" 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: <u>5HP Submerged pumps with grinders</u>	<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	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
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	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP: <u>The generator that attaches to the pump station is able to power 2 pumps</u>	<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>A visual alarm exists; as well as, an audio alarm that phones the plant</u>	<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

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: Airport Loop	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" 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: <u>3-5 HP submerged pumps</u>	<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: <u>The generator that attaches to the pump station is able to power 2 pumps</u>	<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>A visual alarm exists; as well as, an audio alarm that phones the plant</u>	<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

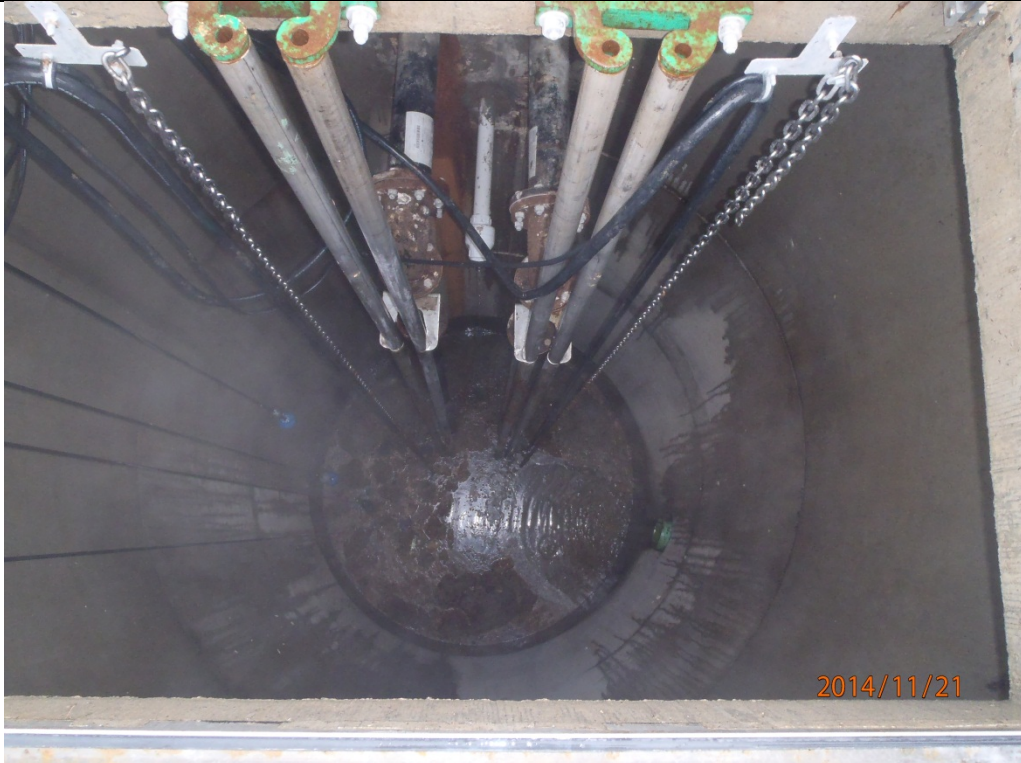
PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Baker-Hughes	
TYPE(S) OF WASTE WATER RECEIVED: <input 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: <u>10 HP submerged pumps</u>	<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: <u>The well contains 1½ feet of a very thick dark colored substance that smells strongly of petroleum and produces a sheen</u>	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" 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: <u>The well contains 1½ feet of a very thick dark colored substance that smells strongly of petroleum and produces a sheen</u>	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP: <u>The generator that attaches to the pump station is able to power 2 pumps</u>	<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>A visual alarm exists; as well as, an audio alarm that phones the plant</u>	<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:	Searcy WWTF				
Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:29
Witness:	None	Photo #:	1		
Description:	Love's Lift Station				



Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:23
Witness:	None	Photo #:	2		
Description:	In the well of the Love's Lift Station				



Water Division Photographic Evidence Sheet

Location:	Searcy WWTF				
Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:39
Witness:	None	Photo #:	3		
Description:	Airport Loop Lift Station				



Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:40
Witness:	None	Photo #:	4		
Description:	In the Airport Loop Lift Station				



Water Division Photographic Evidence Sheet

Location:	Searcy WWTF				
Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:48
Witness:	None	Photo #:	5		
Description:	Baker-Hughes Lift Station				



Photographer:	Clark Baker	Date:	11/20/2014	Time:	14:52
Witness:	None	Photo #:	6		
Description:	In the Baker-Hughes Lift Station with a thick cap of what appears to be used oil				



Water Division Photographic Evidence Sheet

Location:	Searcy WWTF		
Photographer:	Clark Baker	Date:	11/20/2014
Time:	15:06	Witness:	None
Photo #:	7	Description:	A groundwater bailer with a sample of the lift station's well contents



Photographer:	Clark Baker	Date:	11/20/2014
Time:	15:06	Witness:	None
Photo #:	8	Description:	A sample of the contents of the lift station's well acquired by the City of Searcy



Google Earth image of the region with the lift stations inspected pinned:

