



CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

January 12, 2023

VIA Email

Leslie Allen-Daniel
Enforcement Analyst – Water Division
Arkansas Energy & Environment – Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

**RE: City of Hot Springs Utilities
Permit No. AR0033880 / AFIN 26-00145
Progress Report – Hot Springs Creek Pump Station**

Dear Ms. Allen-Daniel,

The pump replacement procurement package is ready for bid (See attached Pump Replacement Plan and list of variable quantities). The rake screen is being sent to be rebuilt.

Odor control is still a concern at the pump station. We are evaluating odor control systems. We plan to make our selection around January 2023.

There was one December SSO to report for manholes 1864 located near the Hot Springs Creek Pump Station. See attached Manhole 1864 E. coli data.

Should you have any questions, please contact me at mledbetter@cityhs.net.

Sincerely,

Monty Ledbetter
Utilities Director

cc: **City of Hot Springs** - Bill Burrough, City Manager; Denny McPhate, Deputy City Manager; Harold Mauldin, Wastewater Facilities Operations Manager; Todd Piller, Capital Project Manager;
Consultants - Craig Johnson, Crist
Arkansas Energy & Environment Division of Environmental Quality – Alan York, Associate Director

Manhole 1864

336 Fontana Road

Acceptable E.Coli cfu limits: October 1 through April 30 <630 cfu
 May 1 through September 30 <126 cfu

Manhole 1864 Sanitary Sewer Overflows for December 2022

Overflow Date: 12/13/2022 – 12/14/2022
Approximately 138,375 Gallons discharge to Hot Springs Creek / Rainfall Event
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime. CodeRed issued.

<i>Site No.</i>	<i>E. coli (cfu)</i>
1	547.5

<i>Site No.</i>	<i>E. coli (cfu)</i>	<i>This test result is below EPA recommended 630 cfu's per 100mls at designated Site I. This meets the requirements of the revised procedure for SSO's. No further testing is required.</i>
2	NA	
3	NA	
4	NA	



DATE: 08/15/22

PROJECT: 22025

ENGINEER: CRIST ENGINEERS, INC.

CONSULTING ENGINEER

CRIST ENGINEERS, INC.

ENGINEER: CRIST ENGINEERS, INC.

PROJECT: 22025

DATE: 08/15/22

AUGUST 2022

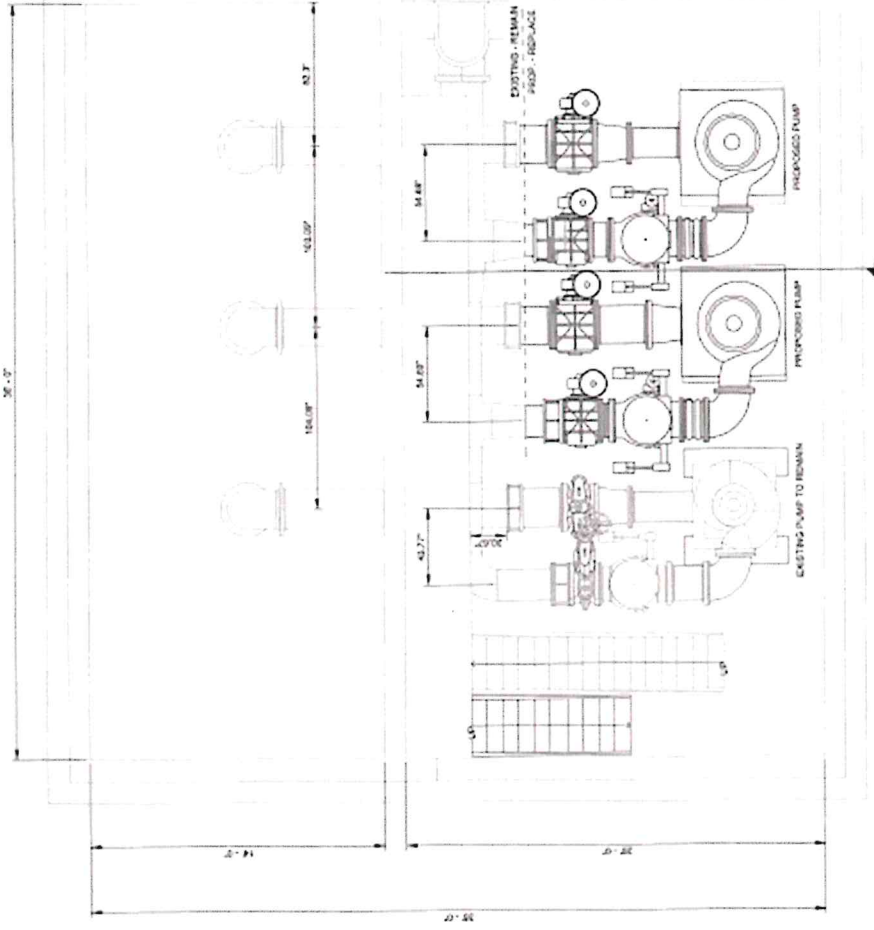
PROPOSED PUMP REPLACEMENT PLAN

SCALE: 3/8" = 1'-0"

1

2

3



NO.	DATE	ISSUE	REVISIONS

CRIST ENGINEERS, INC.
 CONSULTING ENGINEER
 1515 S. WASHINGTON AVE.
 TULSA, OKLAHOMA 74106
 TELEPHONE: 918.582.1322
 WWW.CRISTENGINEERS.COM

HOT SPRINGS, ARIZONA
CITY OF HOT SPRINGS
 HOT SPRINGS CREEK LIFT STATION
 NEW PUMP REPLACEMENT
 PROPOSED PUMP REPLACEMENT PLAN



PROPOSED PUMP REPLACEMENT PLAN



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HOT SPRINGS, ARIZONA
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 HOT SPRINGS CREEK LIFT STATION
 NEW PUMP REPLACEMENT
 PROPOSED PUMP REPLACEMENT PLAN

PROJECT: 22025
 SHEET NO: 01



List of Variable Quantities	
CLIENT: City of Hot Springs	
PROJECT: Hot Springs Creek Pump Station: Pump and Valve Replacement	
LOCATION: Hot Springs, AR	
DATE: 1/11/2023	BY: Trevor Voegele
JOB NO: 22025	

Item No.	Description	Quantity	Unit	Unit Cost	Total for Item
1	Mobilization/Demobilization	1	LS		
2	Bonds and Insurance	1	LS		
3	Remove Existing Pumps	1	LS		
4	Pump Electrical Wiring	1	LS		
5	Painting and Coating	1	LS		
6	300 HP Pump and Motor Assembly	2	Each		
7	300HP to 350 HP upgrade with nameplate derating	2	Each		
8	20" Check Valve	2	Each		
9	20" Plug Valve	2	Each		
10	18" Plug Valve	2	Each		
11	18" Rubber Expansion Joint	2	Each		
12	16" Rubber Expansion Joint	2	Each		
13	18" Fabricated Spool Pipe	2	Each		
14	20" Fabricated Spool Pipe	2	Each		
15	18x18 reducing elbow	2	Each		
				Subtotal	
	Total Cost of Construction:				