

**McClure**  
 Project No. 191378-000  
 Boone County, MO  
 December 6, 2019

**ROCKY FORK WWTF EXPANSION**  
**Estimated Project Cost**  
**Expand from 0.46 MGD to 0.69 MGD**

<b>Total Project Estimate (without financing costs)</b>					<b>\$ 774,210</b>
<b>Wastewater Expanson Construction Cost</b>					<b>\$ 535,150</b>
<b>Item Description:</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total Cost</b>	
<b>SLUDGE DIGESTER BASIN</b>					<b>\$ 276,850</b>
1 42' Dia. Structure - concrete with reinforcement	187	CY	\$ 800	\$ 149,600	
2 Decanter Piping & accessories	1	LS	\$ 5,500	\$ 5,500	
3 Controls, panel and floats	1	LS	\$ 1,500	\$ 1,500	
4 Air Piping with diffuser for basin & Controls	1	LS	\$ 35,000	\$ 35,000	
5 Rock Excavation	310	CY	\$ 275	\$ 85,250	
<b>OPERATONS BUILDING - BLOWER ROOM</b>					<b>\$ 30,300</b>
6 Blower and VFD, misc electrical	1	EA	\$ 23,000	\$ 23,000	
7 6" Valving (control valve & butterfly valve)	1	LS	\$ 4,800	\$ 4,800	
8 6" piping and connection to blower	1	LS	\$ 2,500	\$ 2,500	
<b>INFLUENT PUMP STATION</b>					<b>\$ 148,000</b>
9 Pumps and VFD's, misc electrical	3	EA	\$ 45,000	\$ 135,000	
10 Piping - 6" DIP spools, 6"Tee, 6" Plug Valve, 6" Check Valve, pipe supports and connection	1	EA	\$ 10,000	\$ 10,000	
11 6" DIP vertical piping in wet well 40' of 6" DIP and wall supports	1	LS	\$ 3,000	\$ 3,000	
<b>UV BUILDING</b>					<b>\$ 80,000</b>
12 Trojan UV Rack, PDC, misc electrical	1	LS	\$ 80,000	\$ 80,000	
<b>Other Costs</b>					<b>\$ 239,060</b>
<b>Construction Contingence Costs</b>					
Contingencies, as % of Total Construction Cost:			20%	\$ 107,030	
<b>Services Costs</b>					
Legal/Administration, % of Total Construction Cost			2%	\$ 10,703	
Environmental Reports					
Legal Survey				\$ -	
Easements and Acquisition				\$ -	
Engineering Report				\$ 20,000	
Engineering, Design and Construction Phases			15%	\$ 96,327	
Other Costs				\$ 5,000	
<b>Financing Costs</b>					<b>\$ -</b>
Financing Costs, per financial advisor					PENDING

NOTE 1: THIS ESTIMATE DOES NOT INCLUDE INFLATION.

NOTE 2: COSTS PROVIDED HEREIN ARE MADE ON THE BASIS OF ENGINEER'S EXPERIENCE AND QUALIFICATIONS AND REPRESENT THE ENGINEER'S BEST JUDGMENT. HOWEVER, THE ENGINEER CANNOT AND DOES NOT GUARANTEE THAT ACTUAL TOTAL COSTS WILL NOT VARY FROM THE ESTIMATE. THIS ESTIMATE IS INTENDED TO ASSIST IN BUDGETARY ASSESSMENT AND DOES NOT GUARANTEE THAT ACTUAL COSTS WILL NOT EXCEED OR BE LOWER THAN THE AMOUNTS STATED IN THIS ESTIMATE.