

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

Total Project Estimate (without financing costs)					\$ 774,210
Wastewater Expansion Construction Cost					\$ 535,150
Item Description:	Qty	Units	Unit Cost	Total Cost	
SLUDGE DIGESTER BASIN					\$ 276,850
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	
OPERATIONS BUILDING - BLOWER ROOM					\$ 30,300
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	
INFLUENT PUMP STATION					\$ 148,000
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	
UV BUILDING					\$ 80,000
12 Trojan UV Rack, PDC, misc electrical	1	LS	\$ 80,000	\$ 80,000	
Other Costs					\$ 239,060
Construction Contingence Costs					
Contingencies, as % of Total Construction Cost:			20%	\$ 107,030	
Services Costs					
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	
Financing Costs					\$ -
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.