

BOONE COUNTY REGIONAL SEWER DISTRICT CAPITAL IMPROVEMENT PLAN

9/11/2023

	Permit	Schedule of compliance from MDNR	Parameter	Parameter	Design Flow	Type of treatment	Approximate year of construction	Cost Estimate	Option	Facility Plan
1	Rocky Fork	2/1/2022	Lower ammonia		460,000	Oxidation ditch	2013			
2	Midway Arms	9/1/2024	Ammonia		4,800	Recirculating sand filter	2009	\$ 1,163,400	Subsurface drip dispersal	
3	Rollingwood	11/1/2025	Ammonia	<i>E. coli</i>	10,000	Extended aeration WWTP	1968	\$ 501,825	Pump to Midway Crossings	1/9/2017
4	Highfield Acres	11/1/2025	Ammonia	<i>E. coli</i>	29,000	Lagoon	1968	\$ 268,280	Gravity to City of Columbia	12/14/2016
5	Richardson Acres	11/1/2028	Ammonia	<i>E. coli</i>	8,510	Lagoon	1989	*	Pump to Rocky Fork	12/10/2020
6	Brown Station	11/1/2028	Lower ammonia	<i>E. coli</i>	1,850	Recirculating sand filter	2009	\$ 3,681,000	Pump to Rocky Fork	12/10/2020
7	South Route K	11/1/2029	Ammonia	<i>E. coli</i>	244,000	Extended air WWTP / Lagoon	2000 / 1969	\$ 7,365,563	Increase capacity	1/1/2017
8	Trails West	11/1/2031	Ammonia	<i>E. coli</i>	57,500	Lagoon	1970	\$ 1,042,450	Pump to Midway Crossings	8/1/2012
9	Twin Lakes	11/1/2032	Ammonia		19,400	Lagoon	1972	\$ 1,169,000	Increase capacity	12/9/2011
10	Cedar Gate	11/1/2034	Ammonia	<i>E. coli</i>	11,100	Lagoon	1971	*	Pump to Rocky Fork	12/10/2020
11	Brookfield Estates	11/1/2035	Ammonia	<i>E. coli</i>	10,500	Recirculating sand filter	2001	\$ 1,307,050	Increase capacity	
12	Quarter Mile Hills	11/1/2037	Ammonia	<i>E. coli</i>	5,480	Lagoon	2001	\$ 102,344	Increase capacity	1/18/2017
13	Sunnyslope	11/1/2038	Ammonia	<i>E. coli</i>	5,500	Lagoon	1971	\$ 148,060	Gravity to Hallsville	3/1/2019
14	Kinkade Crossing	NA			50,000	Extended aeration WWTP	2007	\$ -		
15	Meadow Village	NA			16,500	Extended aeration WWTP	2009	\$ -		
16	Midway Crossing	NA			150,000	Extended aeration WWTP	2008	\$ 6,615,000		
17	Prairie Meadows	NA			80,000	Extended aeration WWTP	2004 - 2006	\$ -		
18	Rocheport	NA			34,400	Oxidation ditch	1980			
19	AOB	NA			4,889	Subsurface drip dispersal	2018			
20	Eagle Knoll	NA			35,000	Extended aeration WWTP	1996			
21	Hartsburg	11/1/2028	Ammonia		14,400	Lagoon	1989			
22	Bobcat of St. Louis	NA			less than 3000	Subsurface drip dispersal	2006			
					TOTAL:	1,252,829			TOTAL:	\$ 23,363,972

* Brown Station / Richardson Acres / Cedar Gate combined cost estimate is \$3,681,000.