

BOONE COUNTY REGIONAL SEWER DISTRICT CAPITAL IMPROVEMENT PLAN

JUNE 14th, 2022

| | 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: | | | \$ 23,363,972 | | |

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