

Ratermann, Tom

From: Ratermann, Tom
Sent: Wednesday, August 3, 2022 8:45 PM
To: 'Kneemueller, Ashley'
Cc: Rizo, Jaime; Abbott, Michael; Hoke, John; Lara Florea (lflorea@bcrsd.com)
Subject: RE: Privately owned WWTFs in Boone county
Attachments: Excerpt - Fees - BCRSD pages 14 to 17.pdf; Table 3-1 revised 2-23-2022.pdf; Map - Cornell's Friendly Acres 11-4-08.pdf; Report to Board 7-27-22.pdf

Ashley – I have attached a file with an excerpt from the BCRSD’s regulations regarding current connection fees. The Board of Trustees is raising the connection fees effective January 1, 2023. For 5/8” and ¾” water meters, the 2023 fee will be \$2,300. I will get you the fee structure for the other water meter sizes.

I have also attached a file named “Table 3-1 revised 2-23-2022.” It indicates that the BCRSD’s South Route K facility has remaining capacity for 20 residential units or 6,080 gpd. I have also attached a file with a map of Friendly Acres indicating 16 lots. Currently, the BCRSD has treatment capacity to serve Friendly Acres at the BCRSD’s South Route K facility.

I have also attached a file with a report to the Board of Trustees of the BCRSD regarding treatment capacity at the BCRSD’s Midway Crossing facility. The flow allocation is shown below:

	Number of lots	Design GPD per lot	Actual GPD per lot	
Midway Crossing	73	370		27,010
Rollingwood	47	370		17,390
			SUBTOTAL	44,400
Midway Crossing	73		129	-9,417
Rollingwood	47		129	-6,063
Fred Overton	36		129	-4,644
			SUBTOTAL	-20,124
			TOTAL	24,276

The actual flow on the Midway Auto / Truck Plaza permit is 22,500 GPD. Therefore, the BCRSD currently has treatment capacity to serve Midway Auto / Truck Plaza at the BCRSD’s Midway Crossing facility. Please call or e-mail if you have questions. Thanks. TR

Tom Ratermann
Boone County Regional Sewer District
1314 N. 7th Street
Columbia, MO 65201
573-443-2765

From: Kneemueller, Ashley <Ashley.Kneemueller@dnr.mo.gov>
Sent: Tuesday, July 12, 2022 10:37 AM

To: Ratermann, Tom <TRatermann@bcrsd.com>

Cc: Rizo, Jaime <Jaime.Rizo@dnr.mo.gov>; Abbott, Michael <michael.abbott@dnr.mo.gov>; Hoke, John <john.hoke@dnr.mo.gov>

Subject: Privately owned WWTFs in Boone county

****EXTERNAL E-MAIL**** Verify before clicking links or attachments.

Hello Tom,

I spoke with the Department's legal counsel and they confirmed 10 CSR 20-6.010(2)(C)4 refers only to the connection charge proposed by BCRSD to demonstrate a connection is 120% or more the applicant's cost of installing or operating a private facility. This means the Department will not include the private facility's cost of physical connection in making the 120% determination.

I have a copy of a correspondence from BCRSD to Brant Farris dated July 2021 showing connection fees for several water meter sizes, but can you provide me the current connection fees required by the District? I want to ensure the most up to date information is used.

Additionally, you mentioned that both Midway Crossing and South Route K are at capacity, however DMR data submitted to the Department shows actual flows below the design flow for Midway Crossing and South Route K's Outfall #1. South Route K's Outfall #2 appears near capacity. Can you confirm the receiving capacity of these two facilities? Does the District base capacity on something other than flows, such as number of connections or population served compared to design population equivalent?

If either or both of the mentioned District facilities are at capacity at this time, the Department would like to move forward with issuing permits to Midway Auto/Truck Stop and Cornell's Friendly Acres based on temporary unavailability of the BCRSD facilities. The permits can contain language that if capacity/connection becomes available during the permit cycle, the private facilities must demonstrate a use of lower continuing authority per 10 CSR 20-6.010(2)(C) OR connect to the BCRSD system within the timeframe provided in the BCRSD notice of service availability per 10 CSR 20-6.010(2)(F)3. Language in these permits will clarify demonstration to use a lower continuing authority is temporary, and good only for the length of the permit cycle, until modification, or until BCRSD service is truly available. Connection or a new demonstration will be required if any of these occur.

Please let me know about the above and if you had the chance to look over the drafted language to go in permits, sent June 29 after our meeting.

Thank you,

Ashley Kneemueller

Ms. - she/her/hers

Environmental Program Assistant

Operating Permits Section – Domestic Wastewater Unit

573-526-1503

Missouri Department of Natural Resources

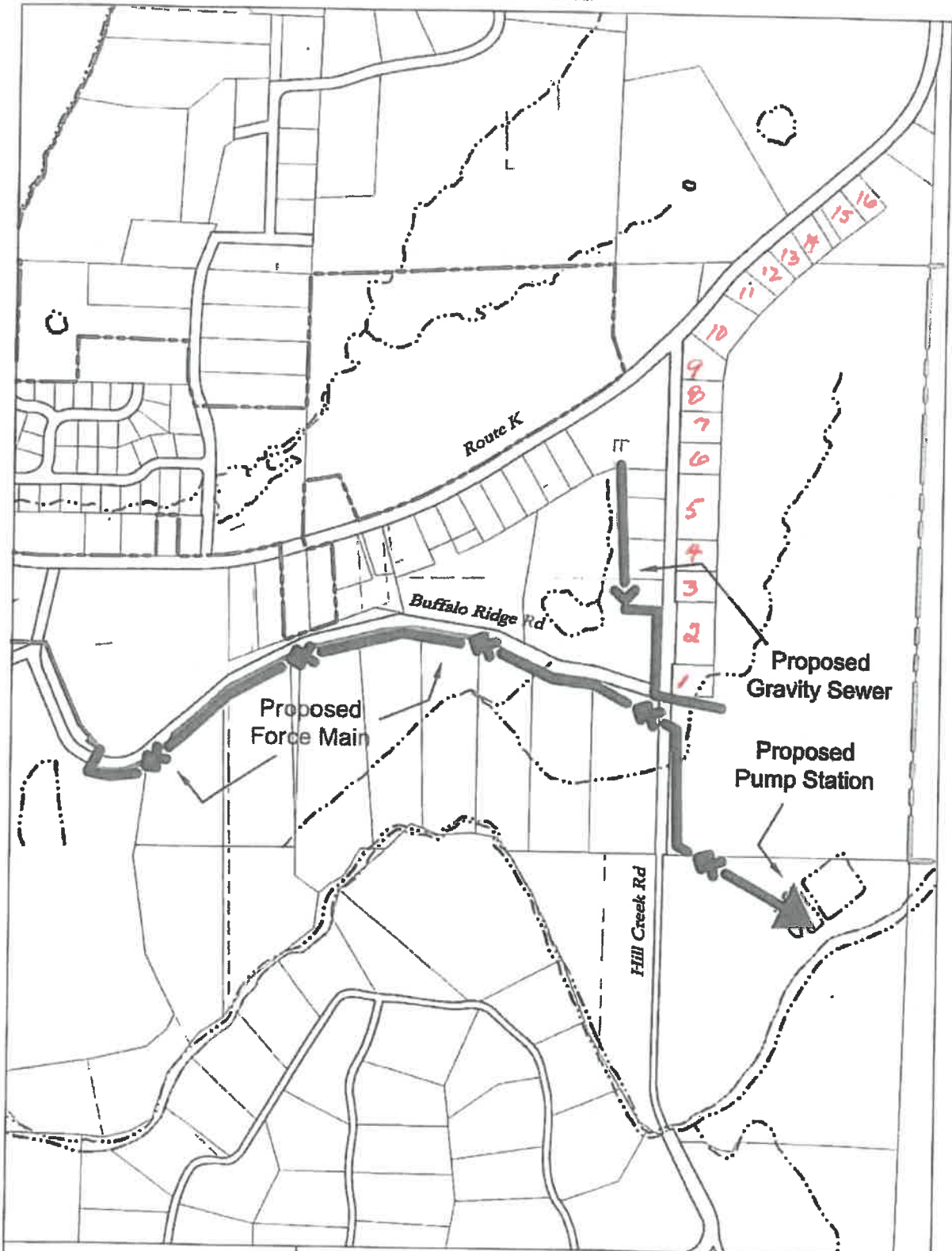
Water Protection Program

PO Box 176

Jefferson City, MO 65102-0176

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

DISCLAIMER; READ CAREFULLY: The existence, dimension, and location of facilities, as well as other information, on this map may be based upon unverified historical information and should not be relied upon for any purpose without actual field verification. No excavation work should be performed based upon this map without first obtaining field location information concerning underground facilities as required by law. The Boone County Regional Sewer District makes no warranty of any kind concerning the completeness or accuracy of information established on this map and assumes no liability or responsibility for its use or reuse of this map by persons not affiliated with the District. Use of this map by any person not affiliated with the District constitutes agreement by the user to assume full liability and responsibility for the verification of the accuracy of information shown on this map.



Scale: 1" = 600'
114-08

Cornell Friendly Acres

**Boone County Regional
Sewer District**

1314 North Seventh St
Columbia Mo 65201

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Wastewater Treatment Capacity at the South Route K Wastewater Treatment Facility (WWTF)
8/9/2022

Service areas	Subdivision/Street	No. of Lots	Homes/ Lot	Total No. of Homes	Flow (gallons per home)	Allocated Flow
1	New Town	62	1	62	304	18,848
2	Blue Acres (Mark and Laura Grant)	31	1	31	304	9,424
3	Hillcreek NID	94	1	94	304	28,576
4	Bonne Femme Estates	32	1	32	304	9,728
5	Maple Meadows	13	2	26	304	7,904
6	Gateway South	129	1	129	304	39,216
7	Cedarbrook	74	1	74	304	22,496
8	Old Plank Village	31	2	62	304	18,848
9	Old Plank Estates	33	1	33	304	10,032
10	Heather Hill	31	1	28	304	8,512
11	Nursery Heights	130	1	130	304	39,520
12	Toalson	13	1	14	304	4,256
13	Leipard	2	1	3	304	912
14	Keithahn	9	1	9	304	2,736
15	Wilson	3	1	7	304	2,128
16	Teague	1	1	1	304	304
17	Lot C1 - Newtown					3,600
18	Lot C2 - Newtown					1,000
19	Lot C3 - Newtown					600
20	Lot C4 - Newtown					2,800
21	Lot C5 - Newtown					3,200
22	Godas commercial					2,250
23	Darin and Holly File	1	1	1	304	304
24	Joseph and Kelly Eagle	1	2	2	304	608
25	Cornell's Friendly Acres	16	1	16	304	4,864
26	Zinnia Properties	1	1	1	304	304
27	Brownfield	1	1	1	304	304
28	Remaining	3	3	2	304	608
				TOTAL:	735	243,882

TABLE A

Allocated at October 15, 2018 Board of Trustees meeting