

Regional Servicing Request (Wastewater) - Rocky View County



ROCKY VIEW COUNTY

262075 Rocky View Point
Rocky View County, AB, T4A 0X2

403-230-1401
questions@rockyview.ca
www.rockyview.ca

October 4, 2023

Via Email: nancy.mackay@calgary.ca

City of Calgary
Water Services
625 – 25th Avenue SE
Calgary, AB T2G 4K8

Attention: Nancy Mackay, Director Water Services

RE: AMENDED REQUEST FOR WASTEWATER SERVICING FOR PROPOSED RENFREW SCHOOL

Dear Ms. Mackay,

In consideration of the updated population and flow data recently provided by the consultant for Renfrew School, along with consultation with relevant Calgary Administration, the following is the confirmed new information to amend the existing June 7, 2023 request for wastewater servicing (attached).

The new Renfrew Educational Services school is planned to have a **build out occupancy of 250 daily occupants at 5.2 L/s**. At this time, it is understood that there is capacity in the force main to service this school. Further technical details will need to be confirmed in the next steps of the request process.

I look forward to your response, please feel free to contact me with any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Byron Riemann', with several loops and a long horizontal stroke.

Byron Riemann
Executive Director Operations
403-520-1196
briemann@rockyview.ca

cc: David Duckworth, City Manager, City of Calgary
Jennifer Koole, Manager, Utility Services, Rocky View County

Attachment:
June 7, 2023 – Letter Requesting Wastewater Servicing

Rocky View County

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June 7, 2023

Nancy Mackay, Director, Water Services
City of Calgary
625 - 25th Avenue SE
Calgary, Alberta T2G 4K8

Via email: nancy.mackay@calgary.ca

RE: Request for wastewater servicing for proposed Renfrew School

Dear Ms. Mackay,

At the March 14, 2023, Regular Meeting of Rocky View Council, Administration was directed to initiate a formal request to the City of Calgary (the City) to allow Renfrew Educational Services (Renfrew) to connect to the City's wastewater service, as per the City's Regional Servicing Policy CP2018-01. Renfrew serves special needs children in the Calgary region since 1974. This letter initiates the utility servicing request process per the City's Regional Servicing Policy.

In December 2022, County Council passed Bylaw C-8269-2022, approving the development of a new Renfrew school in Bears paw that requires wastewater servicing. A 3-inch (75 mm) wastewater force main is located directly south of the school's property and runs from the Bears paw School and Lifestyle Centre to the City of Calgary's wastewater collection system (see attached map). While other wastewater servicing options are available to the school, connecting to the existing force main is the preferred solution.

The new Renfrew Educational Services school is proposed to serve a daily population of 293 people with a peak sewage generation of 4.6 L/s considering 230 l/c/d. At this time, it is understood that there is capacity in the force main to service this school. Further technical details will need to be confirmed in the next steps of the request process.

Connecting the new Renfrew school to existing City wastewater infrastructure allows for the delivery of special education services to residents of both Calgary and Rocky View County in a more cost effective manner. The Calgary Metropolitan Region Board's Growth Plan deliberately did not regulate institutional uses such as schools to avoid limiting the development of essential services for residents.

A Master Services Agreement (MSA) between the City and the County already exists for the Bears paw School and Lifestyle centre (MSA attached). The MSA specifically governs the flow rates and the type of customer that can be serviced per the agreement. Any changes to the agreement, including a new connection, or a change to the flow rates, requires a formal application from Rocky View County to the City of Calgary to amend the terms of the existing MSA.

Additional considerations to support this connection request include:

Environmental considerations:

- Use of pipes to convey wastewater materials is environmentally favourable to holding tanks and trucking. However, holding tanks are still required regardless of the solution to manage flows and provide redundancy.
- Reduces potential environmental risk upstream of Calgary and aligns with the City's mandate of Source Water Protection.

Economic considerations:

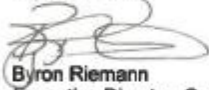
- Favourable economics for servicing costs for the school.
- New customer provides a new revenue source for the City.

Social considerations:

- This potential application supports an institutional need, and a socially beneficial enterprise for the region by enhancing programs for special needs children.

I look forward to your response. If you need any further information, please do not hesitate to contact me.

Best Regards,



Byron Riemann
Executive Director, Operations
(403) 520-1196
briemann@rockyview.ca

Attachments:

Map
Master Servicing Agreement

CC: David Duckworth, City Manager, City of Calgary
Dorian Wandzura, CAO, Rocky View County
Jennifer Koole, Manager Utility Services, Rocky View County

Figure 1: Map of projected servicing area (Wastewater Servicing Request, Rocky View County, 7 June 2023).

