

See What's Coming Down the Pipe

SPRUCE GROVE WET WEATHER STORAGE FACILITY UPGRADE

Who is the Alberta Capital Region Wastewater Commission (ACRWC)?

The ACRWC is a not-for-profit commission operating under the Municipal Government Act that provides sewage transmission and treatment services to over 200,000 residents within 13 municipalities in the Alberta Capital Region.

Established in 1985, the ACRWC is an environmental leader in wastewater management.



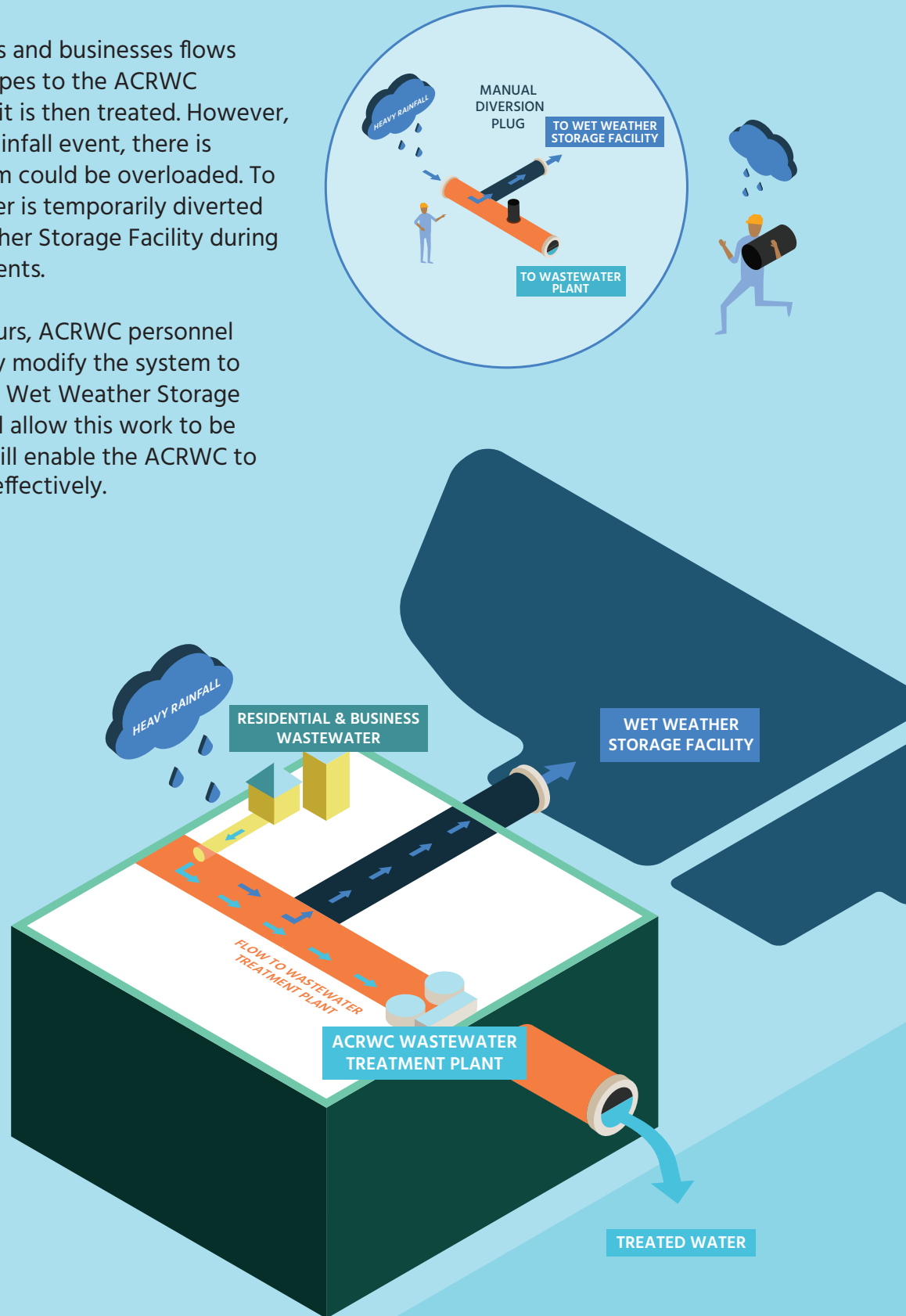
The Spruce Grove Wet Weather Facility

THE CURRENT FACILITY

Wastewater from homes and businesses flows through underground pipes to the ACRWC Treatment Plant, where it is then treated. However, when there is a heavy rainfall event, there is potential that the system could be overloaded. To mitigate this, wastewater is temporarily diverted to a separate Wet Weather Storage Facility during these intense rainfall events.

Currently when this occurs, ACRWC personnel come to site to manually modify the system to divert the flows into the Wet Weather Storage Facility. The upgrade will allow this work to be done remotely, which will enable the ACRWC to react more quickly and effectively.

CURRENT WET WEATHER SYSTEM

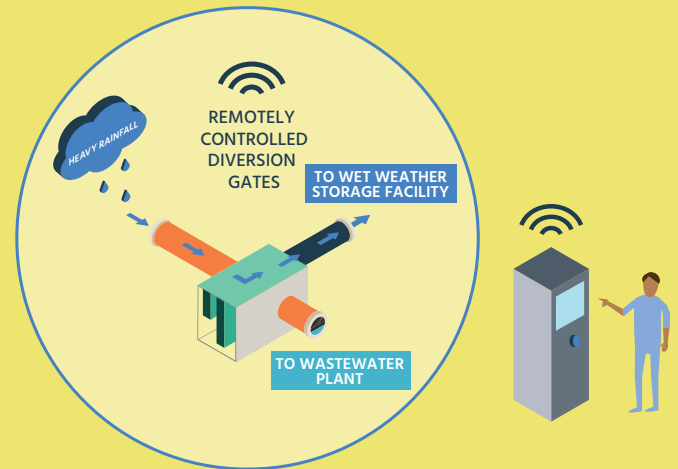


THE UPGRADED FACILITY

To upgrade the system, the ACRWC is adding:

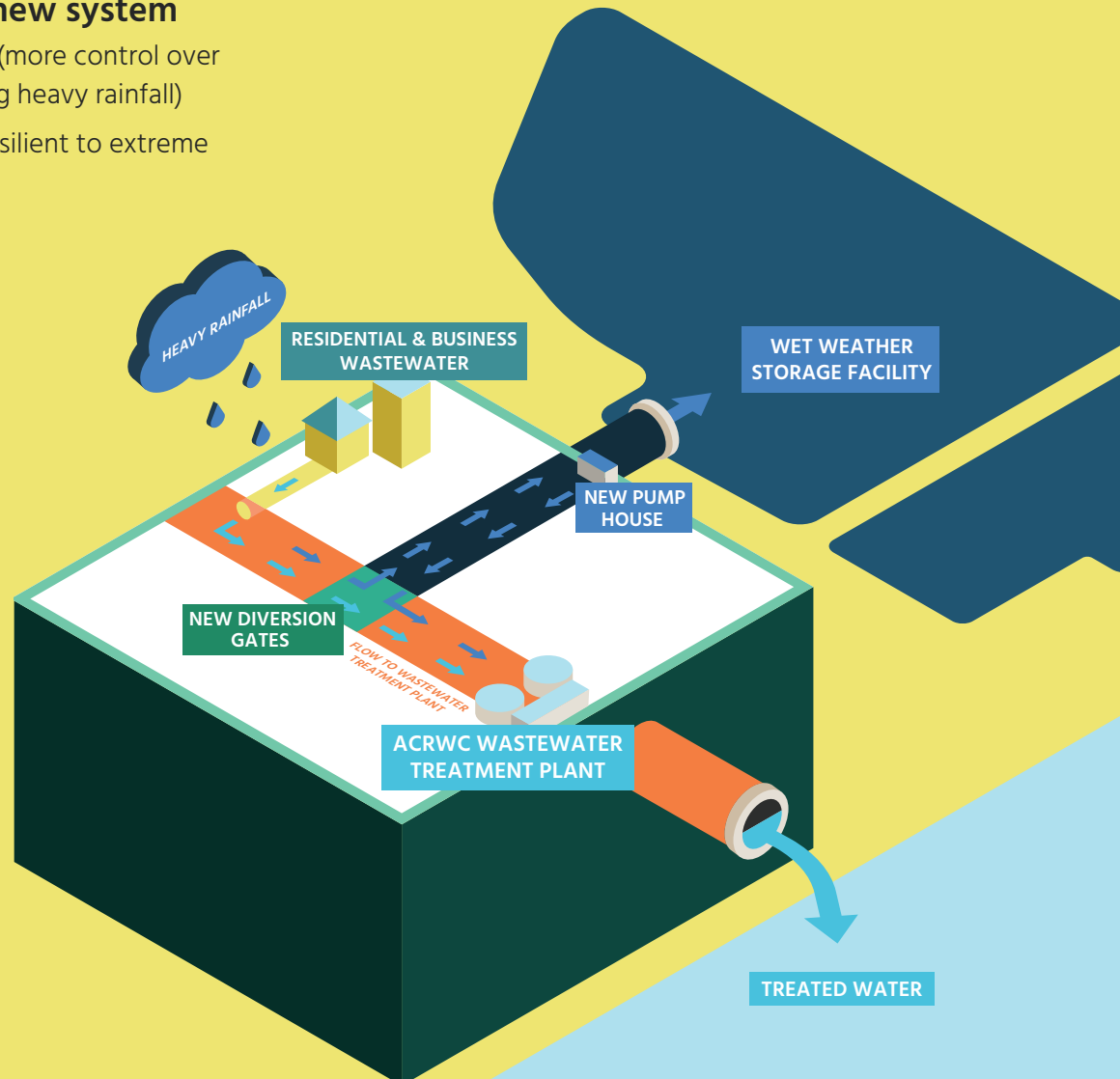
- A new, underground diversion gate which will be controlled remotely, resulting in quicker and more efficient response time
- An underground pump station that will allow the ACRWC to pump wastewater that is being stored in the Wet Weather Storage Facility through an underground network of pipes to the ACRWC Treatment Plant
- A new pipeline which will run adjacent to Century Road and connect the pump station to the existing sewer near Township Road 532A

NEW WET WEATHER SYSTEM

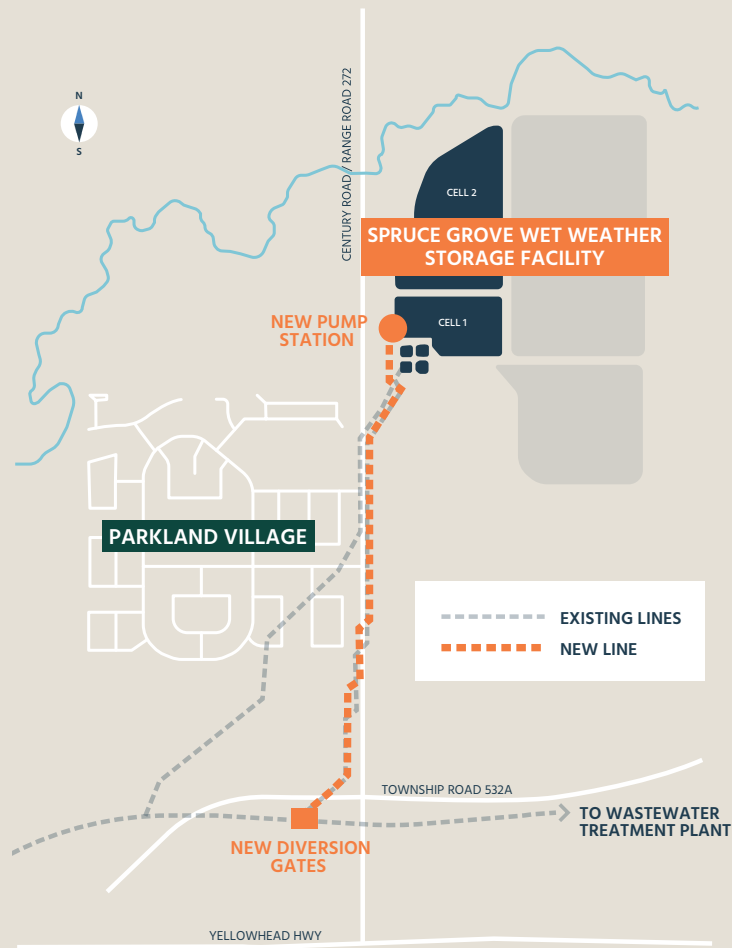


The benefits of the new system

- Environmental benefit (more control over wastewater flow during heavy rainfall)
- System will be more resilient to extreme weather events
- System will be able to be remotely operated
- Wastewater from the Wet Weather Storage Facility will be more efficiently pumped to the ACRWC Plant and treated



OVERVIEW OF THE NEW FACILITY



How does this work affect you?

Phase 1: Spring – Fall 2022

- Wet Weather Storage Facility upgrades
- Pump station construction
- New pipeline along Century Road
 - Century Road speed limit will likely be reduced, but the road will remain open
 - Increase in truck traffic along Century Road
 - Construction noise
 - Dust

Phases 2 & 3: 2024 – 2026 (Timing TBD)

- Installing diversion gates
- Rehabilitation of existing pipes and construction area

Timelines may change as the project progresses. We are committed to providing updates and further information on project details, timing and any construction impacts as we receive them. You can check for updates at:

www.acrwc.ab.ca/infrastructure-projects/

Contact us if you have any further questions:

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Check for updates at:

www.acrwc.ab.ca