



# Manager's Report

**Department:** Infrastructure & Engineering

**Submitted by:** Roger Autio, Director

**Date:** 4/8/2025

---

### **Director Infrastructure & Engineering – Roger Autio**

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
  - Attended AE's Buildings Capacity Seminar in Edmonton.
  - Attended AWWOA Spring Conference.
  - Attended AMSA Spring Conference.
  - Attended Geosynthetic Seminar in Calgary.
  - Team review of the Grovedale Lagoon site, report coming to Council in April.
  - Assisted team with EOI issues and report for Council.
  - Assisted in discussions with consultant over multiple delays, costs and issues for the Grande Cache Transfer Station.

### **Construction & Engineering Manager – Leah Thompson**

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
  - Reviewing and working collaboratively with Development regarding subdivision applications, approach applications and proposed developments.
  - Asphalt Maintenance contract for 2025 – Contractor has been contacted and reminded that all milled sections will have minimum timeframe to replace with new asphalt. The contractor is being pushed to fulfill this obligation quickly, hopefully having less disruption to local residents.
  - Forestry Trunk Road Phase 7 engineering has been awarded to Egis Canada Ltd. (via Standing Offer) for engineering in 2025.
  - Township Road 693A/221 (Valleyview Golf Course road) engineering quotes are being reviewed to award the engineering for 2025.

- 3x bridge files in the 2025 budget have been posted on Alberta Purchasing Connection, and recommendations have been received and will come to Council for final approval.
- Preparing and planning ditching projects for 2025, which includes land purchasing, brushing of areas on current year ditching projects and survey. Reaching out to landowners along Range Road 225 south of Valleyview, starting south of the second bridge file, to determine if they are willing to sell 5m of right-of-way to provide proper ditching where required.
- Finalizing contracts for Forestry Trunk Road 0-5 Overlay, Township Road 692 Regrade, Spray Patch, Crack Seal & Line Painting and Asphalt Maintenance.
- Drone training and Cyber Security training completed by team members.
- Preparing drone for photogrammetry work for the ditching projects.
- Meeting with GIS for the traffic count overlay.
- Meetings with Tetra Tech about data review for asphalt maintenance planning.
- Asphalt Alternative SB90 application will be scheduled to start within the first 2 weeks of June 2025. Locations of Range Road 64 and Range Road 230.

### Operations Manager – Josh Friesen

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
  - Frost-condition Road bans began on March 11<sup>th</sup>. This has been a successful approach in the past to begin road ban season, as it allows road users to operate at 100% axle weight allowance during frost conditions before 24-hour road bans are in effect.
  - The stockpile haul from Glacier Rock Gravel Pit to the 8 Mile stockpile site was completed on March 10<sup>th</sup>. On March 11<sup>th</sup>, crews commenced hauling from the Athabasca Gravel Pit to the Little Smoky Stockpile site. It is anticipated the haul will move to the Valleyview stockpile location on March 21<sup>st</sup>.
  - CNRL was contacted, and they have cleared the paved GIG access road of excessive mud resulting from pipeline construction.

### Operations East

- Grader and plow truck operators have been actively engaged in clearing snow from roads, Transfer Stations, Greenview Parking Lots, Greenview Waterpoints, Community Halls, Hospital Medical Clinic, Greenview Vet Clinic, the Greenview Valleyview Tourist Information Center, rural residential driveways, and paved residential approaches and intersections along Greenview's paved roadways.
- Steamer units and an excavator were deployed to TWP RD 720, 714, and 712 in the Sunset House area as well as RGE RD 224 between HWY 43 and TWP RD 700, to clear snow and ice from culverts. Additionally, snow was cleared from ditches and in front of culverts at the intersection of TWP RD 674 and RGE RD 225, and TWP RD 681 and RGE RD 232 in the Little Smoky area.
- Several new signs were installed in the Ridgevalley area, including 1 right curve sign, 2 intersection signs with posts, 2 checkerboard signs, 3 stop signs with posts, and 1 no exit sign with a post.
- Crews and contractors are actively engaged in snow removal to ensure proper drainage in critical areas.

### Operations Central

- Equipment operators and contractors have been clearing snow and ice within the Hamlet of DeBolt, surrounding areas, and on the north end of the Forestry Trunk Road.
- Crews and contractors continue to focus on culvert steaming and snow removal to facilitate drainage in critical areas.

## Operations West

- 3 road signs have been installed: 2 stop signs and 1 road ban sign that was displaced during winter snowplowing.
- Spot-graveling was completed along the Forestry Trunk Road between kilometers 45 and 90 to repair damaged sections ahead of the spring thaw. Additional spot gravelling was completed on TWP RD 692 west of Highway 666, and on the initial 50 meters of the Big Mountain Creek Road from Highway 40.
- Crews provided assistance to the Recreation Department by loading firewood into a gravel truck hired through the EOI, at the Grovedale Operations yard.
- Crews and contractors are actively engaged in snow removal to accommodate drainage in critical areas, this includes the Forestry Trunk Road between kilometers 45 to 130.

## Operations South

- Equipment operators have been hauling snow, plowing, and sanding roads within the Hamlet of Grande Cache, the Southview Recreation Area, and on the south end of the Forestry Trunk Road.
- Operators have been working to thaw frozen culverts in the Hamlet of Grande Cache using hydrovac unit A283.
- Crews have completed catch basin cleaning as needed during multiple snowmelt events.
- A yield sign at 10801 Stern Crescent was replaced with a stop sign following safety concerns reported at the location.
- Pressure washing of delineators has been conducted along the south end of the Forestry Trunk Road between kilometers 161 and 171.
- Operations South collaborated with Environmental Services to provide an operator for a one-day garbage truck operation and to transport materials for a fire hydrant replacement project.
- Pothole patching commenced in the Hamlet of Grande Cache following the grading of all gravel roads.

## Fleet Services

- The acquisition of three new Ford Explorer SUVs under Capital Purchase OP24001 has been completed, and the vehicles are now in service.
- The first of two graders from Finning, part of Capital Purchase 25003, is anticipated to arrive by March 28. This unit was previously used as a demo for 100 hours, with 20 hours attributed to Greenview. Additionally, a parts credit of \$25,000.00 was granted due to the loss of usage, allowing us to avoid a lengthy wait for a new unit from the assembly line.
- The new Grande Cache Community Bus, procured in October 2024 from Dynamic Specialty Vehicles Ltd. for the Recreation Department, was successfully delivered to Valleyview Operations on March 24, 2025.

<b>Fleet &amp; Shop Work Order Requests for Current Reporting Period</b>	
<b>Grande Cache Shop</b>	74
<b>Grovedale Shop</b>	46
<b>Valleyview Shop</b>	55
<b>TOTAL</b>	<b>175</b>

Road Requests Received: 26	Operations East	Operations West	Operations Central	Operations South
Beaver Dam/Plugged Culverts				1
Ditching & Drainage	2			
Driveway Snowplowing	2			
Flooding	4	1		
Gravel Request	1			1
Road Conditions	1	2		1
Safety Concerns	1		1	
Signage		2		
Snow & Ice	3		1	2
<b>TOTAL</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>5</b>

RoadData-Municipal Approval Requests	Service Rigs	Heavy Hauls	Drilling Rigs	Well Service
<b>TOTALS</b>	<b>67</b>	<b>588</b>	<b>28</b>	<b>0</b>
RoadData-Municipal Loads		Single Trip Loads	Multiple Legal Trip Loads	
<b>TOTALS</b>		<b>642</b>	<b>0</b>	
<b>Grand Total-Approval Requests/Municipal Loads</b>				

Road Use Agreements	
New Road Use Agreements	<b>0</b>
<b>Total Road Use Agreements</b>	<b>1016</b>

Log Haul Route Requests		
Received	Approved	Pending
<b>0</b>	<b>0</b>	<b>0</b>

Road Bonds as of March 25, 2025				
		Total Kilometres	Total Funds Received to Date (85% Refundable to Bond Holder)	Total Revenue to Date
Effective	15	180.45	\$ 5,636,700.00	\$ 845,505.00

Restrictions & Relaxations/Exemptions as of March 25, 2025	
Effective	4
Pending	2

### Facilities Maintenance Manager – Gerhard Birkmann

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

Maintenance Activities Completed	202	Items Added to Maintenance Backlog	189
----------------------------------	-----	------------------------------------	-----

- Governance**

- The Team has been doing snow removal at Greenview sites.
  - Cummins has completed semi-annual inspections on 17 of our backup generators.
  - Installed rubber flooring in the gym at DeBolt PSB.
  - Painting the Pressure Reducing Station #1 in Grande Cache and painted the Valleyview & Area Tourist Information Centre server room. Painting walls and ceiling at Grande Cache Tourism Information Centre.
  - Assisted the IS Team in installing Starlink Equipment at the Valleyview Tourist Information Centre.
  - We completed the annual recertification of all Greenview fire extinguishers for the Valleyview, DeBolt and Grovedale area; in total, the team from Northern Metallic, with help from Facilities Maintenance, serviced 452 fire extinguishers from facilities, fleet and emergency equipment.
  - Reviewed/evaluated Recycle and Solid Waste tenders.
- **Economy**
    - Acoustical will be supplying the janitorial services for Valleyview, Grovedale and Grande Cache, while DeBolt remained with SkyBlue. There will be approximately \$45,000 saved from maintenance service contracts this year.
    - Multiple repairs on heating units all of these were completed by our inhouse ticketed tradesmen:
      - Grovedale Shop “A” Make Up Air Unit had a new drive belt was installed.
      - Repaired Make Up Air Unit at Grovedale water plant by changing inducing meter (warranty).
      - Unit heater at VV Operations Shop, installed new inducer motor.
      - Changed out the hot surface ignitor on a radiant tube at Grande Cache Airport.
      - Our internal Electrician relocated power outlets and data cables at the GRM.
      - Grovedale PSB Elevator, new interior lights and bases were installed.

### **Environmental Services, Manager – Doug Brown**

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
  - Greenview Regional Waste Management Commission meeting held March 3<sup>rd</sup>.
  - Manager and Solid Waste Supervisor attended Alberta Care Conference Feb 26-28 in Camrose.
  - Camera inspected sewer service in Creek’s Crossing.
  - Replace HMI (human machine interface) at Little Smoky water plant.
  - Obtaining quotes to abandon the 2021 unsuccessful Sunset House well.
  - Awarded, via Standing Offer Agreements, for Grovedale and Little Smoky lagoon desludging projects to M2 Engineering for work to be completed summer of 2025.
  - Replaced VFD (variable frequency drive) filters on Grovedale well pumps with a style rated for long cable runs.
  - Replaced failed well vault sump pump at Grovedale raw water site.
  - Cleaned DeBolt sewage lift station heavy grease deposits in wet wells.
  - Water well license renewals completed for Sunset House and Sweathouse.
  - Cleaned chemical tanks in Sunset House and Ridgevalley water plants.
  - RFD prepared for COTW presentation on Greenview Regional Waste Management Commission and solar panels discussion.
  - Electronics cleanup underway, completed sites include New Fish Creek, Sweathouse, Little Smoky, Sturgeon Heights, South Wapiti.
  - Received 40 yd bins for SW25004 Capital replacement.
  - Received fire permits for 2025 for transfer station sites and landfills.

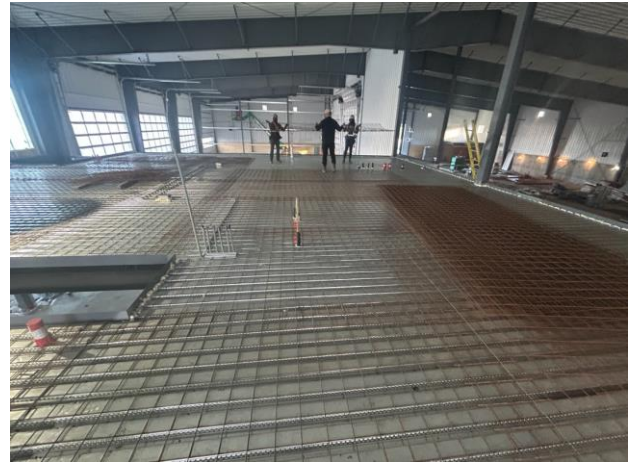
- Moved salt bin to Athabasca gravel pit to support Operations team.
- Signed letter of intent with Circular Materials for EPR (Extended Producer Responsibility) collection services while we work on final contract details.
- Working on RFD for food cyclers comparison.
- Supervisor completed Manager of Landfill Operations certification.
- Finalize and submit annual reports to Alberta Environment.
- Hired contracted garbage trucks (Prairie Disposal) in Grande Cache, as ours are down for repairs.
- Council awarded tender to Prairie Disposal for Recycle and Solid Waste starting April 1<sup>st</sup>; contracts are out for signing.
- Wastewater Treatment Facility construction: poured concrete curbs in dewatering room, heating and hoarding. MCC (motor control center) and transformer housekeeping pads poured. New blowers have been delivered to site and are stored inside. Civil team excavating for new manhole install. Doors have been installed on the headworks building. Gutters have been installed on south and west side of building. Lighting added on outside of east pump room access stairwell. Tying rebar at UV building. Grouting and framing in headworks building. Mechanical team working on dewatering equipment. Electrical team installing cable trays in the headworks building. Pumps and equipment set up for temporary bypass of outfall line. Rotary press, conveyor line and discharge chute all installed on Fournier rotary press. Valves and pipe spools have been installed on train 2 mixed liquor pumps. Excavating and placing new outfall line, compaction and tie into manhole, pouring thrust blocks at bends. Poured concrete slab and curbs at UV building and flow control structure 2, heating and hoarding after concrete pours continue. Electrical teams installing more lights in the headworks and dewatering room. Working on air ducts in pump room and headworks building.
- Officially amended waterworks approval to remove weekend operator attendance in Grande Cache.
- Correspondence from Alberta Environment & Protected Areas, new Wastewater Treatment Facility has been reduced to a Level 2 system as we are successfully removing total phosphorus in our system in Grande Cache.
- Annual water and wastewater reports for Grande Cache sent into Alberta Environment.
- Replaced damaged hydrant in Grande Cache beside A&W.
- 7x meter inspections completed in Grande Cache.
- Ordered water meters for new operations shop and the jail vault to be replaced in Grande Cache.
- Pinning membranes in water plant regular in-house maintenance in Grande Cache.
- Obtaining quotes for lab work for approval changes for wastewater treatment plant in Grande Cache.
- Completed 6x Alberta One-Calls in Grande Cache.
- **Economy**
  - Grande Cache sewer project is \$619,220.51 into contingency. Remaining contingency is \$1,559,629.49 or 72% remaining.
  - Obtaining quotes via Standing Offer for Grovedale Arena Sewer Tie-in.
  - Obtaining quotes via Standing Offer for DeBolt SCADA upgrades.

## **Project Manager – Scott Wells**

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
  - WD19004 Grande Cache Distribution Pumphouse Upgrades: construction contract awarded to Alpha Construction; waiting for schedule.

- SW20001 Grande Cache Transfer Station: plans for design have been completed. Tender posted March 24<sup>th</sup> and a site tour for Contractors is scheduled for April 7<sup>th</sup>.
- FM22008 Grande Cache Operations Shop: Bay doors have finished installation. Second floor starting construction and pouring concrete first week of April.



FM22008 GC New Operations Shop

- PD24003 Tower Park Estates: Egis Engineering chosen for consultant, via Standing Offer. GC Master Storm Plan has been forwarded to Egis for review.
- **Environment**
  - WW21001 Ridgevalley Lagoon Expansion: Water Quality Based Effluent Levels study is in its final review stage. The lagoon is being converted to a Submerged Attached Growth Reactor (SAGR) system. Approval for a semi-annual discharge has been received from Alberta Environment & Protected Areas and waiting on their response.