AGENDA FOR THE TOWN OF BEAVERLODGE COMMITTEE OF THE WHOLE MEETING
TO BE HELD MONDAY OCTOBER 23, 2023 @ 6:15 PM
COUNCIL CHAMBERS, 400 10 ST BEAVERLODGE, AB
Microsoft Teams meeting ***Join on your computer, mobile app or room device***
Click here to join the meeting Meeting ID: 294 309 424 219 Passcode: TdYGYy

1.0	**CALL TO ORDER** *Town of Beaverlodge's Legislative Meetings are being live streamed effective June 12, 2023 via Council resolution #145-2023-05-23*	
2.0	**LAND ACKNOWLEDGEMENT**	PP 2
3.0	**ADOPTION OF AGENDA**	
4.0	**DELEGATION**	
5.0	**OLD BUSINESS:**	
6.0	**NEW BUSINESS:**	
	6.1 Main Street Sign	PP 3
	6.2 Fire Services Agreement – from October 10, 2023 Council Meeting	PP 4-13
	6.3 Pump Station Assessment	PP 14-31
	6.4 First Responder Event – Nov 23, 2023	
	6.5 Water Meter Update	PP 32
	6.6 Town Hall Date & Coffee with Council	
	6.7 Firehall Building Committee Update – Councillor Graw	
	6.8 Mountview Health Complex Committee Update – Mayor Rycroft	
	6.9 Community Enhancement Committee Update – Councillor Moulds	
	6.10 Economic Development Committee Update – Councillor Corbett	
7.0	**TOPICS FOR NEXT AGENDA:**	
8.0	**ADJOURNMENT:**	

Town of Beaverlodge
A Place to Build Dreams

Box 30, Beaverlodge, AB T0H 0C0
Phone: 780.354.2201
Fax: 780.354.2207

As long as the sun shines, grass grows and the rivers flow – we acknowledge the homeland of the many diverse First Nation & Métis people whose ancestors have walked this land.

We are grateful to live, learn and work on the traditional territory of Treaty 8 and we make this acknowledgement as an act of reconciliation and gratitude.

SUNBURST GRAPHICS

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Oct 13, 2023
Nick Kebalo
Town of Beaverlodge

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(one 96"w x 38.4"h and one 96"w x 39"h panel)
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6.1

TOWN OF BEAVERLODGE
&
COUNTY OF GRANDE PRAIRIE
REGIONAL FIRE SERVICE
ADMINISTRATION SUPPORT

PRESENTED BY: CAO JEFF JOHNSTON AND COUNTY FIRE CHIEF TREVOR GRANT

WHAT ARE THE PROPOSED CHANGES?

- The County of Grande Prairie will provide administrative support for the Beaverlodge Fire Department.
  - Risk and Liability assessments, Level of Service Recommendations
  - Ensure legislative requirements for OH&S, service delivery, training, maintenance, procurement of equipment and apparatus
  - Recruitment and retention support of volunteers
  - Provision of Safety Codes (Fire) Quality Management Plan Development and ongoing support
  - Logistical support for day to day service, maintenance and purchasing
  - Administrative support for records, reporting and training

WHAT ARE THE PROPOSED CHANGES?

- The Town of Beaverlodge Fire Department maintains its Identity.
  - The Town hires one full time Firefighter – Shift Schedule for coverage during weekdays but is flexible. (Sexsmith is 4 x 10 hour days and Wembley is 5 x 8 hour days) This is a Town of Beaverlodge employee and will oversee the day to day and liaise with the County of Grande Prairie Administration team.
  - All town owned apparatus, equipment uniforms and PPE will stay the same, although the County Fire Admin will support with purchasing, the town's purchasing processes will be adhered to.

BENEFITS TO THE TOWN OF BEAVERLODGE

- Implementation of a Quality Management Plan for the Town of Beaverlodge with the Safety Codes Council. Support from County of Grande Prairie Fire Prevention staff for inspections, plan review and investigations.
- Addition of a Full-time staff member during the day will improve the Town of Beaverlodge ratings in the Fire Underwriters survey and result in reduction in insurance rates for the residents.
- Adds a full-time responder available during the day to respond to incidents within the community.
- Full support of County Fire Administration for budgeting, purchasing, billing and adds a Chief Officer response to any major events within the town. This adds the support of 5 Chief Officers, 2 Fire Administrative assistants and 1 Fire Marshal and 1 Fire Prevention Officer for a fraction of that cost.

SUCCESS OF THIS MODEL

- The Town of Sexsmith was the initial adopter of this change in delivery, working with the County there were some evolutions of the delivery over the last 6 years, but they have been very happy. Mayor Potter and CAO Wueschner have both praised the agreement and its benefits.
- The Town of Wembley adopted this model in the summer of 2021, with their Full-time fire chief transitioning to a shared cost District Fire Chief and a full time Captain. So far feedback from CAO Zhang has been positive.

COUNTY ADDITIONAL POSITION

- The Contract changes with the Town of Sexsmith and Town of Wembley created new shared cost positions with the District Chiefs in the West County and East County directly supporting those 2 municipalities. The addition of a Third District Chief would not be a suitable addition, but the addition of a second fire prevention position to support the prevention, inspections, investigations and QMP management of all 4 municipalities would be where the administrative costs would be allocated.

WHEN COULD THIS TAKE PLACE?

- The current Town of Beaverlodge and the County of Grande Prairie Fire Services Agreement expires December 31, 2023.
- If Beaverlodge Town Council approves this change, we would look to implement this change for January 1st 2024, this would align with the fiscal budget cycles and make a clean transition for both the Town of Beaverlodge and the County of Grande Prairie.

FINANCIAL IMPACT - REVENUE

- The existing Fires Services Agreement with the County of Grande Prairie (expiring December 31, 2023) identifies fees to the Town of Beaverlodge for Fire Services as **$118,512.73 (2024 Estimated).**
- Under the new agreement the Town of Beaverlodge would continue to receive annual fees for Fire Services from the County of Grande Prairie **Y1 - $141,284.75 (Jan 2024).**
- Under the new agreement the Town of Beaverlodge would pay an annual administration fee to the County of Grande Prairie **Y1- $88,947.90 (Jan 2024).**
- The net annual fees to the Town of Beaverlodge for the new agreement with the County of Grande Prairie **Y1 - $52,336.85.**
- This would result in a net reduction in fees (revenue) of **Y1 - $66,175.88 (2024).**

FINANCIAL IMPACT - EXPENSES

- The Town of Beaverlodge and the County of Grande Prairie will work together on developing both the annual operating and capital budgets to assure sustainability of the Fire Service.
- The primary change in the operating budget would be the result of the Town of Beaverlodge hiring a full-time firefighter (Captain) with wages and benefits **Y1- ~ $80,000.**

QUESTIONS?

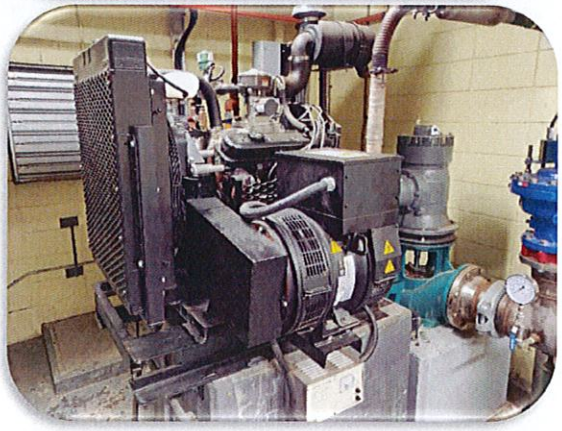
Associated Engineering | GLOBAL PERSPECTIVE. LOCAL FOCUS.

REPORT

Town of Beaverlodge

Beaverlodge Pump Station Condition Assessment






August 2023

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EXECUTIVE SUMMARY

Associated Engineering (AE) undertook a condition assessment of the Town of Beaverlodge's (Town) Booster and Farm/Old Town Pumphouses to evaluate their condition and to allow the Town to properly budget each facility's rehabilitation and/or upgrade requirements. This report summarizes the findings from the inspection and AE's recommended path forward for the Town.

Both the Booster and Farm/Old Town Pumphouse will require extensive repairs within the next ten years to extend the asset's life for the next 10 to 15 years; both pumphouses are around 40 years old and building structures are near the end of life. The Town will need to replace these assets within the next 10-15 years.

1 BOOSTER PUMPHOUSE

The Booster Pumphouse was, approximately, constructed in 1985. The building and ancillary equipment are approaching 40 years of service and are approaching the end of life. The Town of Beaverlodge can extend the life of the structure for 5 to 10 years but should plan for the replacement of the Booster Pumphouse. **Table E-1** summarizes all costs for the repairs for the Booster Pumphouse, except for complete replacement. The Booster Pumphouse would still require replacement in the next 10 years even with the completion of all the recommended repairs.

Table E-1 Summary of Booster Pumphouse Required Upgrades

Time Horizon	Cost
Immediate Upgrades	$18,000
Short-Term Upgrades	$311,000
Long-Term Upgrades	$490,000
Total	**$819,000**

* Excludes Replacement Cost.

2 FARM/OLD TOWN PUMPHOUSE

The Farm/Old Town Pumphouse currently does not meet the spacing requirement to meet Canadian Electrical Code and will require a building expansion of the facility, the anticipated structural life of the building is estimated to be between 5 to 15 years. **Table E-1** summarizes all costs for the repairs for the Farm/Old Town Pumphouse except for complete replacement. A complete replacement would be required in the next 10-15 years even with the completion of all the recommended repairs.

Table E-2 Summary of Farm/Old Town Pumphouse Required Upgrades

Time Horizon	Cost
Immediate Upgrades	$12,000
Short-Term Upgrades	$204,000
Long-Term Upgrades	$375,000
Total	**$591,000**

* Excludes Replacement Cost.

3 PATH FORWARD

The Town of Beaverlodge has two options to proceed forward:

- Complete all the necessary upgrades to extend assets' life for the next 10 to 15 years then replace both pumphouses in 15 years
- Consolidate and replace both pumphouses at the Booster pumphouse location with a new single pumphouse to service both areas. A possible option for reconfiguration is outlined in
    - Consolidation will require:
        - Construction of a new pumphouse building including new pumps and associated building equipment.
        - Installation of a pressure-reducing valve to service the Booster zone.
        - Installation of 1500 m of 250 mm watermain to service Farm/Old Town zone.
        - Decommission the Farm/Old Town Pumphouse, including the reservoir.
        - Decommission the existing 250 mm supply main.
        - Install backup power generation.
    - Complete all the immediate upgrades recommended as well as replace one of each pump in both Pumphouses.

4 RECOMMENDATION

Associated Engineering recommends that the Town of Beaverlodge complete the immediate repairs/upgrades at both pumphouses with the replacement of one pump, at each pumphouse while proceeding with the plan to consolidate the Booster and Old Farm pumphouses over the next 5 years.

The next steps for consolidating the two pumphouses and reservoirs, if the Town decides to proceed, are:

- Complete all the immediate upgrades recommended as well as replace one of each pump in both pumphouses.
- Complete a conceptual design report for the Booster Station consolidated replacement with water main alignment to better understand the cost of replacement and submit the conceptual report for funding.

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1 INTRODUCTION

The Town of Beaverlodge (Town) operates three separate pressure zone in their distribution system. The three-zones include the main zone (zone 1), which operates from the Water Treatment Plant's reservoir and distribution pump system. As shown in **Figure 1-1**, the Booster Pumphouse and Reservoir services the area as outlined in light green in (zone 2) and the Farm/Old Reservoir and Pumphouse services the area shown in orange (zone 3).

Figure 1-1 Beaverlodge Booster and Farm/Old Reservoir Distribution Zones

Associated Engineering (AE) undertook a condition assessment of Town of Beaverlodge's (Town) Booster and Farm/Old Town Pumphouses to evaluate their condition and allow the Town to properly budget each facility's rehabilitation and/or upgrade requirements. Detail of conditions assessment for both facilities can be found in **Appendix A**.

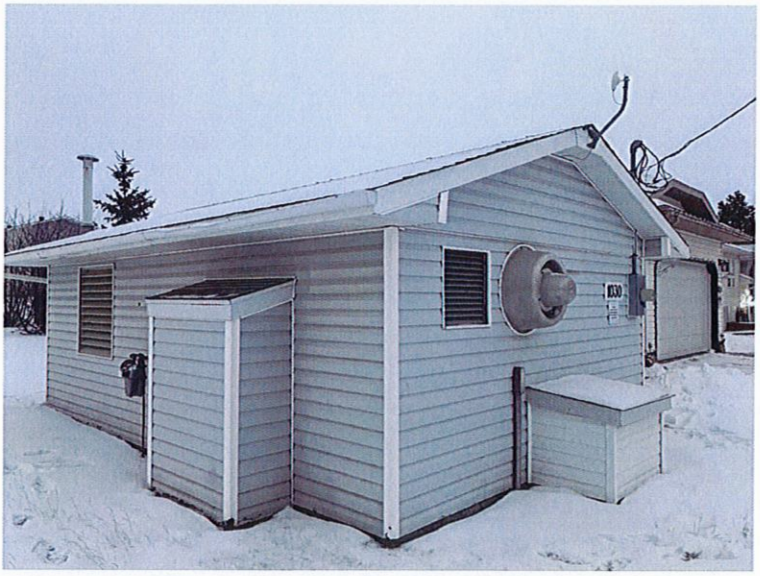
This report summarizes the findings from the inspection and AE's recommended path forward for the Town.

2 BOOSTER PUMPHOUSE

The Booster Pumphouse is a single-storey, conventional, wood-framed structure on a concrete foundation, located at the corner of 11th and Almond Avenue, in Town. Although the exact date of construction was not confirmed during the inspection, the Town believes that it was built in 1985.

Two small additions to the building footprint exist. The north face frost box was added for process equipment that appears to have been installed at the time of original construction or as part of a larger building retrofit. The west face that was added to the building was done later to provide a frosted box for the process piping going beyond the building footprint. Access to the pumphouse is from a set of double doors on the south face.

Figure 2-1 Booster Pumphouse



The Booster Reservoir is an underground reservoir, located beside the Pumphouse, with an underground header connecting the reservoir and the pumphouse. A remote-operated inspection of the Booster Pumphouse Reservoir was conducted, and there were not any structural issues noted that require repair or upgrades at present.

2.1 Immediate Upgrade Requirements

Table 2-1 summarizes the immediate upgrade requirements for the Booster Pumphouse.

Table 2-1 Immediate Upgrade Requirements for Booster Pumphouse

Item	Discipline	Description	Cost
1	Electrical/Process	The engine-driven pump should be regularly maintained and tested.	$1,000
2	Building Mechanical	Replace the sagging section of the roof gutter.	$2,500
3	Building Mechanical	Replace the damaged wall hook for proper mounting of the fire extinguisher.	$250
4	Building Mechanical	Replace the gas hose to the unit heater with a hard connection.	$1,500
5	Building Mechanical	Repaint orange natural gas piping yellow.	$125
6	Building Mechanical	Provide combustion air to the unit heater by adjusting the existing damper controls or adding a combustion air duct.	$1,500

Item	Discipline	Description	Cost
7	Process	Non-destructive testing on the pipe to determine pipe life to determine if replacement is required or re-pickling.	$5,000
8	Process	Service Singer control valve.	$1,500
9	Process	Install a backflow preventer on the domestic cold-water supply to the engine heat exchange and sink.	$4,000

2.2 Short-Term (< 5 years) Upgrade Requirements

Table 2-2 summarizes the short-term upgrade requirements, which are required over the next 5 years to keep the system operating for the Booster Pumphouse.

Table 2-2 Short-Term Upgrade Requirements for Booster Pumphouse

Item	Discipline	Description	Cost
1	Structural	Internal inspection behind the framing of the roof and walls is needed to better understand the construction of the building to implement short-term upgrades.	$10,000
2	Structural	Minor carpentry retrofits to improve building strength and stability to extend the life of the structure's useful life (5-10 years).	$56,500
3	Structural	Minor slab crack repairs with a repair mortar. • Concrete deterioration around the floor drains needs to be repaired and the cover restored. • Reinforcing the housekeeping equipment pad. These repairs will extend the useful life of the structure by 5-10 years.	$10,000
4	Electrical	The battery charger for the original engine-driven pump has failed and has been replaced with an external battery charger. Demolish the abandoned battery charger and disconnected cables.	$2,500
5	Building Mechanical	Correct sink and piping: • Replace sink with domestic cold water-only faucet. (optional). • Install adequate pipe supports for PEX domestic water piping and water meter serving sink. • Secure (bolt) the sink to the floor. Consider replacing stool mounting with wall mounting intended for free-standing sinks. • Replace the vacuum hose sanitary drain with hard piping and connect it to the sanitary line below the floor. Add new circuit venting for the sink. • Replace floor drain strainer after revision to sink sanitary drain.	$2,500
6	Building Mechanical	Replace floor drain beside engine with hub or funnel style floor drains. Add rubber stand-offs to mount piping running along the floor draining into a floor drain. Replace drain fittings with surface corrosion.	$1,500
7	Building Mechanical	Replace the ventilation equipment (fans, dampers, controls) at end of life.	$35,000
8	Building Mechanical	Replace the outdoor portion of the engine vent as corrosion develops.	$1,500
9	Process	Replace the piping section as noted from the NDT and sections with welded patches.	$15,000
10	Process	ARV services on both suction and discharge headers do not have proper piping to direct water release to the floor drain. Pipe ARV overflow to the floor drain.	$750
11	Process	Replace all distribution pumps.	$150,000
12	Controls	Add a flow meter to the reservoir fill and controls.	$25,000

2.3 Long-Term (5-10 years) Upgrade Requirements

Table 2-3 summarizes the long-term upgrade requirements, which are required from 5 to 10 years to keep the system operating for the Booster Pumphouse.

Table 2-3 Long-Term Upgrade Requirements for Booster Pumphouse

Item	Discipline	Description	Cost
1	Structural	The building currently serves its purpose and is in generally good condition, it is recommended to plan for complete replacement of the structure as it has exceeded its useful life expectancy.	$250,000*
2	Electrical/Controls	The electrical utility could be modernized to provide true 3 phase. The controls could be replaced but the simplicity is easy to troubleshoot and maintain.	$150,000
3	Building Mechanical	Replace the unit heater at end of its life.	$25,000
4	Process	Fire pump replacement.	$65,000

*Building only.

2.4 Summary

The Booster Pumphouse was, approximately, constructed in 1985. The building and ancillary equipment are approaching 40 years of service and are approaching end of life. The Town can extend the life of the structure for 5 to 10 years but should plan for the replacement of the Booster Pumphouse. Table 2-4 summarizes all costs for the upgrades for the Booster Pumphouse except for the complete replacement, which will be required in the next 10 years even with the completion of all the recommended repairs.

Table 2-4 Summary of Booster Pumphouse Required Upgrades

Time Horizon	Cost
Immediate Upgrades	$18,000
Short-Term Upgrades	$311,000
Long-Term Upgrades	$490,000
Total	**$819,000***

* Excludes Replacement Costs

3 FARM/OLD TOWN PUMPHOUSE

The Farm/Old Town Pumphouse is a single-storey, masonry block structure on two underground concrete water tanks, located at 100038 Hayfield Drive, in Town. The roof is a metal deck supported by three structural steel beams, which are set in pockets at the top of the masonry walls. A pair of rolling hoists are hung from the roof framing.

There are two access ports on the west side of the main level slab for the below-grade, concrete water tanks. At the time of the inspection, the Town representative explained that the tanks go beyond the footprint of the building, and they are not accessible without fully draining the tanks and providing a confined space entry plan.

Figure 3-1 Farm/Old Town Pumphouse

An internal inspection of the Farm/Old Town reservoir was conducted with a remote-operated inspection vehicle; the inspection found no structural issues, except for a couple of electrical conducts penetrating the slab into the reservoir that require sealing. These penetrations should be plugged in to ensure no contamination can enter through the penetrations.

3.1 Immediate Upgrade Requirements

Table 3-1 summarizes the immediate upgrade requirements for the Farm/Old Town Pumphouse.

Table 3-1 Immediate Upgrade Requirements for Farm/Old Town Pumphouse

Item	Discipline	Description	Cost
1	Structural	Seal any penetrations from the pump house to the reservoir.	$1,000
2	Controls	The flow meter and pressure transmitter are installed in the pumphouse, but signals are sent to PLC. Instruments should be set up and configured.	$5,000
3	Building Mechanical	Replace the damaged wall hook for proper mounting of the fire extinguisher.	$250
4	Building Mechanical	Replace the gas hose to the unit heater with a hard connection.	$1,500
5	Building Mechanical	Repaint orange natural gas piping yellow.	$125
6	Building Mechanical	Provide combustion air to the unit heater by adjusting the existing damper controls or adding a combustion air duct.	$1,500

Item	Discipline	Description	Cost
7	Building Mechanical	Replace corroded engine vent components.	$1,500
8	Process	The pump seal water drainpipe is broken. Replace the broken drainpipe with the drain and direct seal water to the drain.	$100
9	Process	Service Singer control valve.	$1,500
10	Process	Non-destructive testing on the pipe to determine pipe life to determine if replacement is required or re-pickling.	$5,000

3.2 Short-Term (< 5 years) Upgrade Requirements

Table 3-2 summarizes the short-term upgrade requirements, which are required over the next 5 years to keep the system operating for the Farm/Old Town Pumphouse.

Table 3-2 Short-Term Upgrade Requirements for Farm/Old Town Pumphouse

Item	Discipline	Description	Cost
1	Structural	Replacement of pipe supports, clamps, clamp anchors, pipe link seals and various embedded elements that will need to be replaced or repaired to prevent any deterioration of the surrounding structural concrete and masonry elements	$50,000
2	Structural	Minor slab crack repairs with a repair mortar will need to be addressed at the main level slab.	$48,500
3	Structural	Doors are difficult to close and open.	$5,000
4	Electrical	Demolish unused equipment, jockey pump starters, original level transmitter	$2,500
5	Electrical	Replace light fixtures with LED as the lamps fail.	$500
6	Building Mechanical	Correct sink and piping: • Replace sink with domestic cold water-only faucet. (optional). • Install adequate pipe supports for PEX domestic water piping and water meter serving sink. • Secure (bolt) the sink to the floor. Consider replacing stool mounting with wall mounting intended for free-standing sinks. • Sink drain line uses a vacuum hose for the sanitary drain. Replace the vacuum hose sanitary drain with hard piping and connect it to the sanitary line below the floor. Add new circuit venting for the sink.	$2,500
7	Process	Stainless steel pipe should either be replaced or re-pickled	$50,000
8	Process	Carbon steel pipe that goes through the floor should be replaced due to excess corrosion	$15,000
10	Process	There appears to be an older pumping system that has been decommissioned but not removed. Removed abandon equipment	$2,000
11	Control	Add an influent flow meter to monitor.	$25,000
12	Control	There are no signals from the Standby Generator to the PLC. Incorporate generator controls so the operator can operate through remote access	$2,500

3.3 Long-Term (5-10 years) Upgrade Requirements

Table 3-3 summarizes the long-term upgrade requirements required from 5 to 10 years to keep the Farm/Old Town Pumphouse system operating.

Table 3-3 Long-Term Upgrade Requirements for Farm/Old Town Pumphouse

Item	Discipline	Description	Cost
1	Structural	Building condition indicates the Town should plan for replacement within the next 10 to 15 years.	$200,000
2	Electrical	Electrical replacement will be required in the next 5 to 10 years. Electrical replacement requires a building expansion so spacing around equipment meets Canadian Electrical Code.	$250,000
3	Building Mechanical	Replace the unit heater at end of its life.	$25,000
4	Process	Replace all distribution pumps.	$150,000

3.4 Summary

The Farm/Old Town Pumphouse currently does not meet the spacing requirements to meet the Canadian Electrical Code and will require a building expansion of the facility; the anticipated structural life of the building is estimated to be between 5 to 15 years. Table 3-4 summarizes all costs for the upgrades for the Farm/Old Town Pumphouse except for complete replacement, which would be required within the next 10 years even with the completion of all the recommended repairs.

Table 3-4 Summary of Farm/Old Town Pumphouse Require Upgrades

Time Horizon	Cost
Immediate Upgrades	$12,000
Short-Term Upgrades	$204,000
Long-Term Upgrades	$375,000
Total	**$591,000**

* Excludes Replacement Cost.

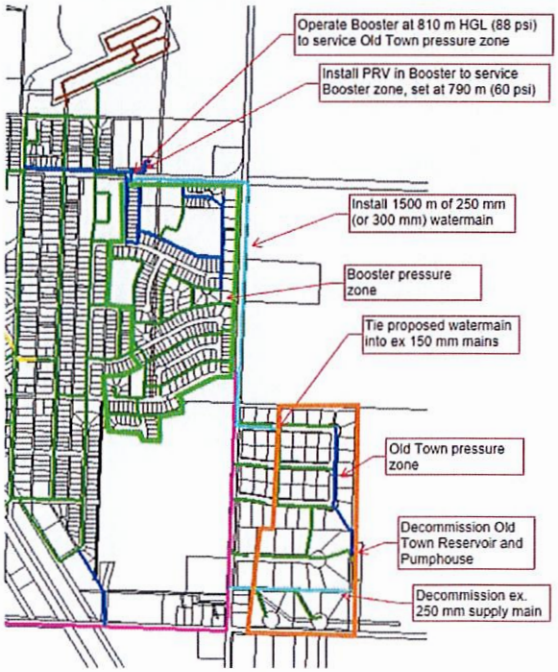
4 PATH FORWARD OPTIONS

Both the Booster and Farm/Old Town Pumphouses will require either extensive repairs within the next ten years to extend the pumphouse's lives for another 10 to 15 years of use, as both are approximately 40 years old and are near the end of their lives, or the Town will need to entirely replace these assets within the next 10-15 years.

The Town of Beaverlodge has two options to proceed forward:

- Complete all the necessary upgrades to extend the assets' life for the next 10 to 15 years, then replace both pumphouses within 15 years.
- Consolidate and replace both pumphouses at the Booster pumphouse location with a new single pumphouse to service both areas. A possible option for reconfiguration is outlined below in **Figure 4-1**.
    - Consolidation will require:
        - Construction of a new pumphouse building, including new pumps and associated building equipment;
        - Installation of a pressure-reducing valve to service the Booster zone;
        - Installation of 1500 m of 250 mm watermain to service the Farm/Old Town zone;
        - Decommissioning of the Farm/Old Town Pumphouse, including the reservoir;
        - Decommissioning of the existing 250 mm supply main; and
        - Installation of backup power generation.
    - Completion of all the immediate upgrades recommended, as well as replacement of one of each pump in both Pumphouses.

Figure 4-1 Pumphouse Distribution Reconfiguration Option



The cost to complete the deficiency items identified in this assessment would be approximately $1,410,000 to complete and would not address some of the major items, such as both Pumphouses' structures being at end of life and the electrical system in the Farm/Old Town Pumphouse also being near end of life, as well as the replacement would require a building expansion to meet the current building code standards.

5 RECOMMENDATIONS

5.1 Conclusions

Based on the condition assessments of the Booster and Old Town Pumphouses, Associated Engineering concludes:

- The two pumphouses are approaching the end of life for both facilities. The anticipated upgrades to allow the facilities to approach their end of life (5-10 years) would be $1,410,000.
- One option for the Town of Beaverlodge is to consider spending $175,000 on some immediate upgrades and use the other funds to build a consolidated pumphouse at the Booster location, along with building a new water main to service Old Town.
    - This option would require:
        - Construction of a new pumphouse building, including new pumps and associated building equipment;
        - Installation of a pressure-reducing valve to service the booster zone;
        - Installation of 1500 m of 250 mm watermain to service Farm;
        - Decommissioning of the Farm/Old Town reservoir and pumphouse; and
        - Decommissioning of the existing 250 mm supply main.

5.2 Recommendations

Associated Engineering recommends that the Town of Beaverlodge complete the immediate upgrades at both pumphouses with the replacement of one pump at each pumphouse, while proceeding with the plan to consolidate the Booster and Old Farm pumphouses over the next 5 years.

5.3 Next Steps

The next steps for consolidating the two pumphouses and reservoirs are to:

- Complete all the immediate upgrades recommended, as well as replace one of each pump in both pumphouses.
- Complete a conceptual design report for the Booster Station consolidated replacement, with water main alignment to better understand the cost of replacement and submit the conceptual report for funding.

CLOSURE

This report was prepared for the Town of Beaverlodge to provide a condition assessment of the Town of Beaverlodge's (Town) Booster and Farm/Old Town Pumphouses to evaluate their condition and to allow the Town to properly budget each facility's rehabilitation and/or upgrade requirements..

The services provided by Associated Engineering Alberta Ltd. in the preparation of this report were conducted in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty expressed or implied is made.

Respectfully submitted,

Associated Engineering Alberta Ltd.

Nicholai Kristel, P.Eng.
Project Engineer

PERMIT TO PRACTICE
ASSOCIATED ENGINEERING ALBERTA LTD.

RM Signature _____
Jeff Fetter #57515 2023-10-09

PERMIT NUMBER: P 03979
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

PERMIT STAMP

IMPORTANT UPPDATE

REGARDING UTILITY BILLING

On May 28, 2023 our radio communcations system that reads water meters failed. Since this date, we have not been able to get the reads which produce our billing for consumption.

We have only been able to bill for basic charges and **NO CONSUMPTION** at this point.

We are pleased to inform you that we have received notification that the new replacement parts "the gateways", are estimated to be shipped on October 31, 2023. While we cannot guarantee an exact delivery date, we are optimistic that these replacements will be delivered by mid to late November. Once these gateways are installed, we anticipate having the systems fully operational and able to accurately read your water usage in time for the December 1st billing cycle.

We encourage residents and business owners to take a photo of their water meter and send it with your physical address to **utilities@beaverlodge.ca** prior to October 30th, 2023. We can then manually enter your readings to provide an acurate bill.

We continue to encorage residents and business owners to put money onto their accounts so they are not hit with a large consumption bill once the system is back up and running. We thank those that have already done this.

We understand the frustration this has caused and appreciate your patience as we work through this issue and look forward to restoring normalcy to our water meter readings soon.

If you have any questions please call utilities at 780-354-2201 ext:1024

Town of Beaverlodge
A Place to Build Dreams

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