

The Public Works Committee is a standing Committee of Council responsible for developing and evaluating matters of policy and providing oversight and recommendations for Transportation Services, Utilities and Solid Waste and Resource Recovery Management.

Delegations

Delegations are individuals or groups who request permission to appear before Council, or are invited by Council to speak on a particular issue.

MPE Siemens: Mission Beach Subdivisions Water/Wastewater Servicing

- Representatives from MPE Siemens, engineering consultants for the Mission Beach Subdivision Water and Wastewater Servicing design project, presented their preliminary design report to Council.
- After being petitioned by residents of the Mission Beach Subdivision to install municipal water/wastewater service infrastructure, the County hired MPE Siemens to prepare a preliminary design for service installation in all three phases of the subdivision.
- A geotechnical investigation was conducted first to determine what types of soils exist in the area, and consequently what installation methods would need to be used.
- The proposed project in the design report would service 166 lots and a projected population of 581 people by 2039. The water and wastewater capacity of the system was based on this projection.
- The total cost to the County for the project estimated by the design report is roughly \$4.5 million (in 2015 dollars). There will be cost-sharing between the County and landowners to bring the services to the owner's property. The cost to the landowner is estimated to be between \$7,000 and \$20,000 (2015 dollars)—depending on a number of variables (i.e. how far the house is from the connection stub, what work must be done to retrofit the existing septic tank, etc.).
- Council also discussed options for expanding the capacity of the service line.

Urban Systems Limited

- Representatives from Urban Systems Limited, the consultants completing the County's Water and Wastewater Master Plan, are in the final stages of completing the County's comprehensive overview and long-term plan for water and wastewater utility services in the region.
- The first part of the project involved taking inventory of the current state of the County's water and wastewater system.
- Once this assessment was complete, consultants created complex theoretical models to measure system capacity and requirements, now and into the future. Based on the data provided by these

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models, the consultants proposed upgrades and new infrastructure projects that the County may wish to prioritize for funding in the future.

- As part of the project, consultants created a GIS database of all existing water and wastewater infrastructure in the County.
- Consultants found that the County currently has adequate wastewater capacity for at least 10 years as projected by their models.
- Consultants found that the County could consider upgrades to the municipality's water distribution system in terms of increased fire flow as based on the General Municipal Servicing Standard (GMSS). They indicated, however, that the fire flow standards laid out in the GMSS are merely a general guideline for all municipalities and may not balance the needs versus financial limitations in a rural municipality like Lac La Biche County.
- Consultants advised that the County should conduct a Fire Underwriter's Survey Review, which assesses the level of public fire protection available in a community and its adequacy. This review would better indicate where upgrades may be necessary.
- The Master Plan is intended to support County Council in long-term capital project planning for water and wastewater servicing.

Disposition of Delegations

MPE Siemens: Mission Beach Subdivisions Water/Wastewater Servicing

- Council directed Administration to bring forward a report and recommendation for the implementation of a servicing plan to notify the petitioned areas of the Mission Beach Subdivision that the project may move forward.
- Council also directed Administration to provide further costs and options for potentially increasing the capacity of the water/wastewater service lines in the area.

Urban Systems Limited

- Council passed a motion to bring the draft Water and Wastewater Master Plan forward for Council's review and discussion, prior to final completion.
- Council also directed Administration to bring forward a Request for Decision (RFD) for contracting and completing a Fire Underwriter's Survey Review of the municipality.

Public Works Departmental Updates

Environmental Services Update:

- Environmental Services Manager, Barry Kolenosky, reported on the department's projects and activities during the month of January:
 - Oil Recycling sites open at Beaver Lake, Plamondon landfills and Rich Lake transfer station.
 - Tipping Fee Policy and Bylaw 12-050 being redrafted.
 - Waste audit in progress.
 - 2015 capital and operating budgets in progress.
 - Christmas tree recycling program in progress.
 - Geoware invoicing and load tracking system installed; final software installation and staff training to be completed.

Transportation Services Update:

- Interim Manager of Public Works, Brian Shapka, reported on the department's projects and activities during the month of January:
 - Snow plowing and clearing operations ongoing.
 - 2015 capital and operational budgets in progress.
 - Private Driveway and Road Maintenance Policy in process of revision to reflect procedure changes for seniors and citizens with disabilities.

Utility Services Update:

- Utility Services Manager, Gary Siebold, reported on the department's projects and activities:
 - Installed 4-inch gas line from Gas Co-op line at Deer Meadows to Lac La Biche Transport Subdivision.
 - Proceeding with research regarding the removal of fluoride from the County's water treatment process.
 - 2015 capital and operating budgets in progress.