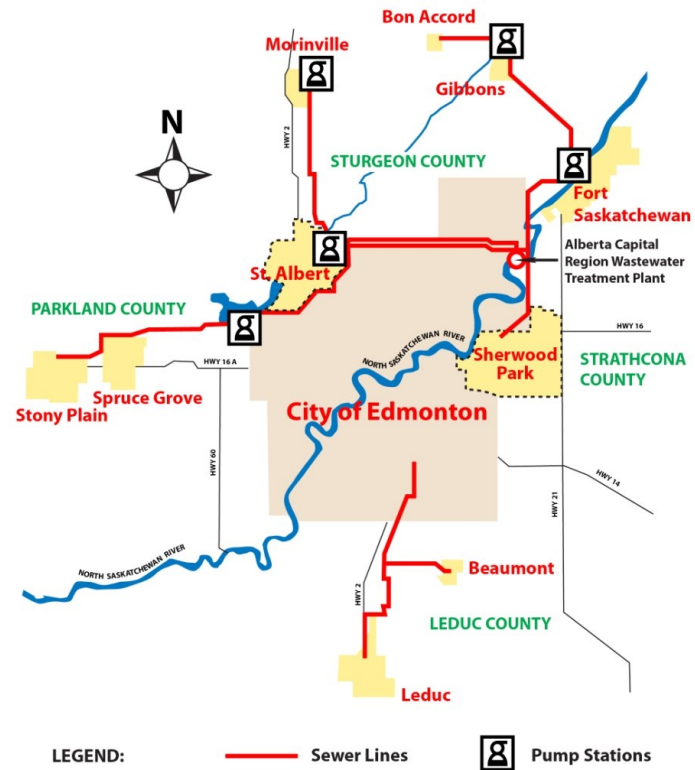




# **ALBERTA CAPITAL REGION WASTEWATER COMMISSION**



## Wastewater Transmission Network



# HISTORY

- Formed in 1985
- Designed and built by Province from 1980 to 1988
- Assets transferred at 90% Grant
- Agreement with EPCOR



# LEGISLATION

## Municipal Government Act

- Part 15.1
- Meetings and FOIPP

## Alberta Environmental Protection Act

- Basis for operating approval, reporting, design standards, and operator certification

## Federal Fisheries Act

- Regulation for municipal wastewater effluent

# ORGANIZATION STRUCTURE





# GOVERNANCE

- Governed by Board of Directors
  - One director appointed by each member municipal Council
  - Director must be an elected official
  - Board members serve independently of their Council;
- Bylaws and Policies
- Standing and ad hoc committees
- Bi-Monthly meetings and an Annual Workshop

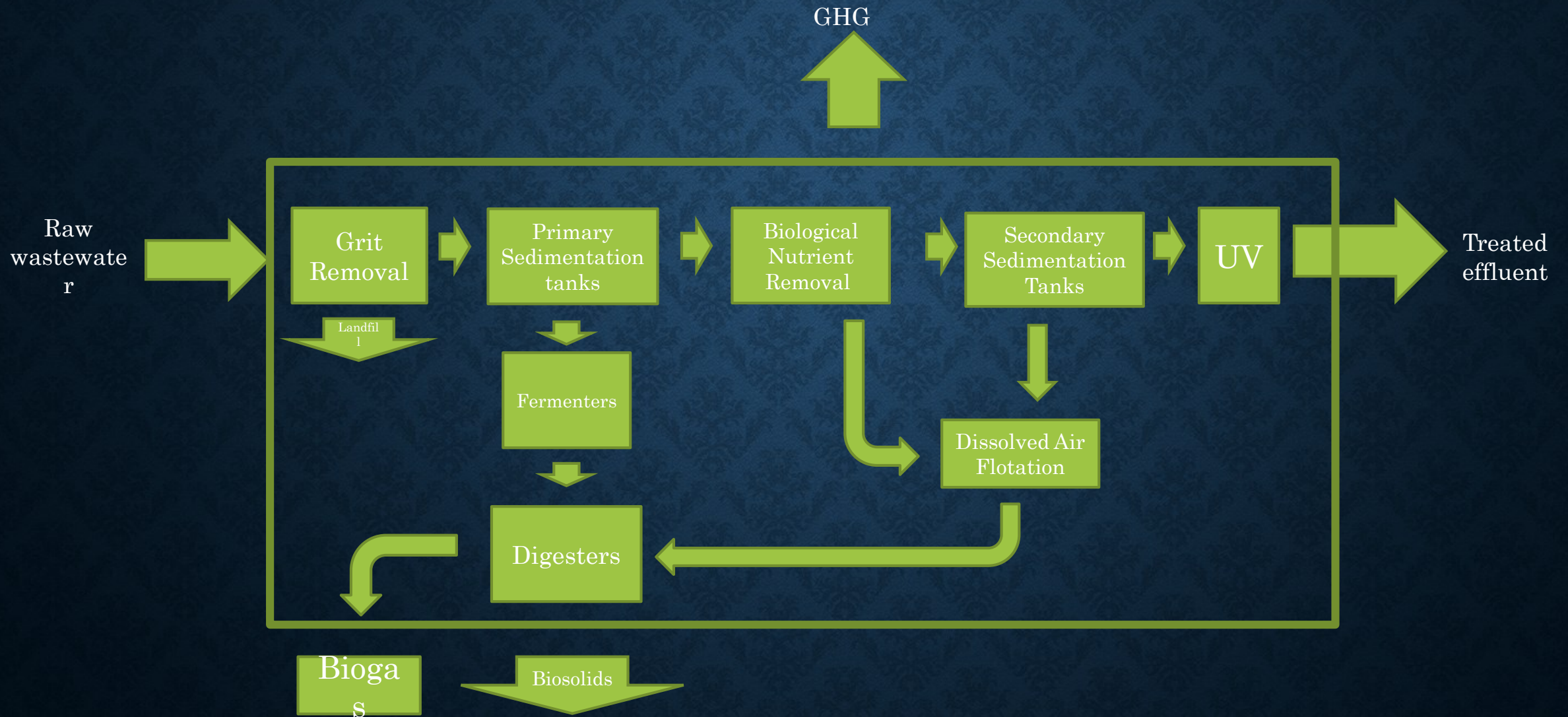
# 2022 BUDGET

Operating expenses	\$30.2 million
Capital program	\$28.4 million
New debt	\$10.0 million
Debt payment	\$6.1 million
Total Revenue	\$49.8 million

- Flow Rate [\$1.42/m<sup>3</sup>] Revenue- \$46.4 million
- Load Based Revenue- \$1.0 million
- Grant Revenue- \$0.1 million



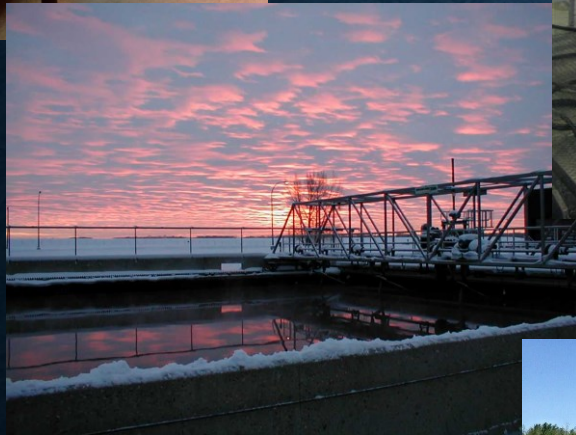
# WASTEWATER TREATMENT SIMPLIFIED





# FACILITIES

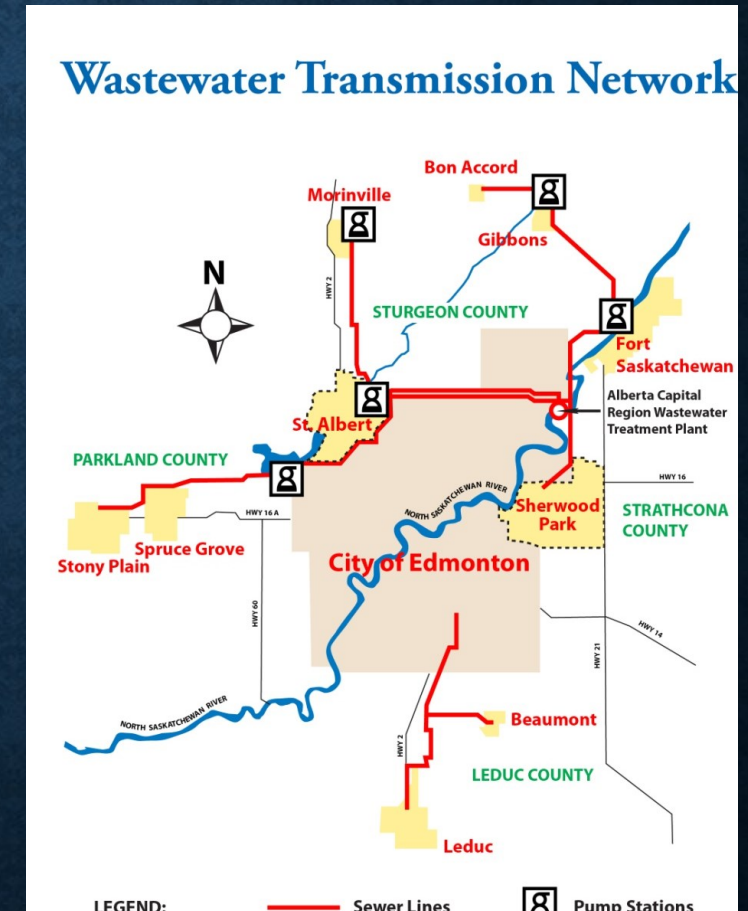
- Third largest wastewater treatment plant in Alberta
  - Biologic nutrient removal
- Five large scale pump stations utilizing up to 700 horse power pumps
  - More than 50% of ACRWC equipment located at remote facilities
- 190 km of force mains and gravity sewers
- Replacement value estimated at \$700M.





# REGIONAL EXCHANGE AGREEMENT

- EPCOR and ACRWC facilities are part of an integrated regional network
- Agreement in place to allow for the exchange of flows
  - Flows exchange at the lowest rate of either party
- Obligations
  - Joint Planning
  - Source control programs
  - Capacity to meet the growth needs of the overall region





# BIOSOLIDS

- Regional Biosolids Management Program
- Managed by EPCOR
  - Non-Agricultural
    - Mine reclamation
    - Marginal land
  - Nutri-Gold





# ACRWC STRENGTHS



- Reducing load to river
- Source control program
- Environmental Management systems
- Focus on relationships and liaison with authorities (Members, EPCOR, Industry, CWN, etc)
- Project Delivery
- Laboratory services
- Operations



## KEY MESSAGES

- ACRWC is an extension of our members' wastewater systems and does an effective job protecting the North Saskatchewan River
- ACRWC works collaboratively with our members