



# WMFN Operations & Maintenance (O&M)

**April 30, 2021 Band General Presentation**

# Summary of Current O&M Projects

- **Water Treatment Systems Upgrade Project** (Note – a Capital Project):
  - Currently in Detailed Design Phase:
    - Dissolved Air Flotation (DAF) Pilot Project still in service; and
    - Enhanced Slow Sand Filtration (ESSF) Pilot Project now being put into service.
  - Hope to obtain additional data required to complete Detailed Design phase in 2021 and move into Construction phase in 2022.

# Summary of Current O&M Projects Completed or In Progress

- **Emergency Repairs to Fresh Water Intake line to Water Treatment Plant:**
  - Completed January 2020.
- **Emergency Repairs to Cryingman Subdivision Wastewater Line:**
  - Completed May 2020;
  - Found numerous items plugging system:
    - “Flushables” ;
      - ***Warning:*** Flushables are NOT flushable down the toilet. Please follow instructions on product packaging. These are a major cause of wastewater systems problems and causes system problems and damages that require expensive repairs.
    - Grease, rags, toys, utensils, and other garbage, rocks and gravel found blocking system:
      - Please do not wash or flush these items down sinks or toilets, or into manholes, as it causes system problems and damages that require costly repairs.
- **ACRS Repairs:**
  - Water Treatment Plant Control Panel - Completed;
  - Water Treatment Plant Building Step Installation - Completed;
  - Sewer Lift Station Blower repairs - Completed; and
  - Sewer Lagoon Fence Repairs – In Progress.

# Summary of Current O&M Projects Completed or In Progress

- **Cameron Creek Bridge Replacement Project** (Note – a Capital Project):
  - Funding Request - In Progress; and
  - Scheduling to be determined.
- **Emergency Road Upgrade to Cryingman Rd. and Heritage Rd.** (Note – a Capital Project):
  - Funding Request In Progress; and
  - Scheduling to be determined.
- **Health Centre Bank Erosion/Stabilization Project:**
  - Funding finally approved by ISC, FNHA and MoTI;
  - Contract with DWB signed and Site Review and Technical Memorandum Preparation scheduled for April 26 – May 30, 2021; and
  - Interim measures plan to provide ditch to divert waterflow from part way down natural drainage from Hwy #29 to Health Centre scheduled for April 26-30, 2021.

# Summary of Current O&M Projects Completed or In Progress Cont'd

- O&M Department staff expansion and professional development:
  - Looking to hire an additional O&M Assistant to add much-needed capacity to department:
    - Please watch for pending job posting.
  - Annual training for existing O&M employees to maintain and advance their certification required for their positions;
  - Provide training for certification of any new departmental employee(s).
- Review of old C&C Modular Building to determine if feasible to renovate and repurpose for Housing/O&M Temporary Workspace;
- Annual Lawn Maintenance Program:
  - Posting for employment opportunities for 4 individuals May 3-14, 2021 for the summer season May 25<sup>th</sup> – Sept 29<sup>th</sup>, 2021; and
  - Preference given to WMFN members and Community residents.

# Planned O&M Projects

- **Wastewater System Upgrade Project** (Note – a Capital Project);
  - Funding application;
  - Planning and Design; and
  - Construction.
- **New Subdivision Project** (Note – a Capital Project):
  - Feasibility Study;
  - Funding application;
  - Planning and Design; and
  - Construction.
- **Quonset Lot Expansion Project** (Note – a Capital Project): :
  - Expand Quonset Lot east from current lot to powerline right of way;
  - Put in a temporary workplace for Housing Maintenance and Operations & Maintenance staff offices;
  - Put in a permanent Housing/O&M Warehouse with offices building once funding determined and acquired; and
  - Fence Lot for security purposes.

# Water Treatment Presentation

- 3 minute video on water treatment – Flocculation and Coagulation ;
  - <https://youtu.be/JkpMWjW3wbE>



Questions?



# Door Prizes

- Yard Work Pkg:
  - 75' Expandable garden hose;
  - Adjustable garden hose nozzle;
  - Gloves;
  - Lawn sprinkler; and
  - Mini garden hoe.