

Report on Inflow and Infiltration, All Sewer Systems

Capacity Study Review presented to council committee on June 13th, 2024 by Public Works Director, Michelle Boudreau, provided Council with information on the findings of the Capacity Studies for Brookfield Sewer System, Tata-magouche Sewer System, Tata-magouche Water System, Debert Water System, Bible Hill/Valley Sewer System and the Central Colchester Wastewater Treatment Facility/Trunk Line.

The first segment of this report dealt with Brookfield and was published on Page 18 in the August 2024 issue. The second segment of this report dealt with Tata-magouche and was published on Page 6 in the January 2025 issue. *This segment deals with situations involving the Inflow and Infiltration, All Sewer Systems*

Inflow and Infiltration, All Sewer Systems
For all sewage collection systems studied, wet weather peak flows were identified as a major issue. Wet weather can get into the sewer system via leaky pipes (when groundwater table is high), sump



pump connections, rain gutter connections, footing drain connections, manhole cover holes, or cross connections from stormwater piping systems in the street.

Even three to five sump pumps operating on a regular basis can soak up 1/5 to 1/2 of a treatment plant's capacity. Staff are already working with the Clean Foundation on a program to assist residents with sump pump disconnections. We are also developing educational tools for the public and for local plumbing contractors.

Other work required to identify prob-

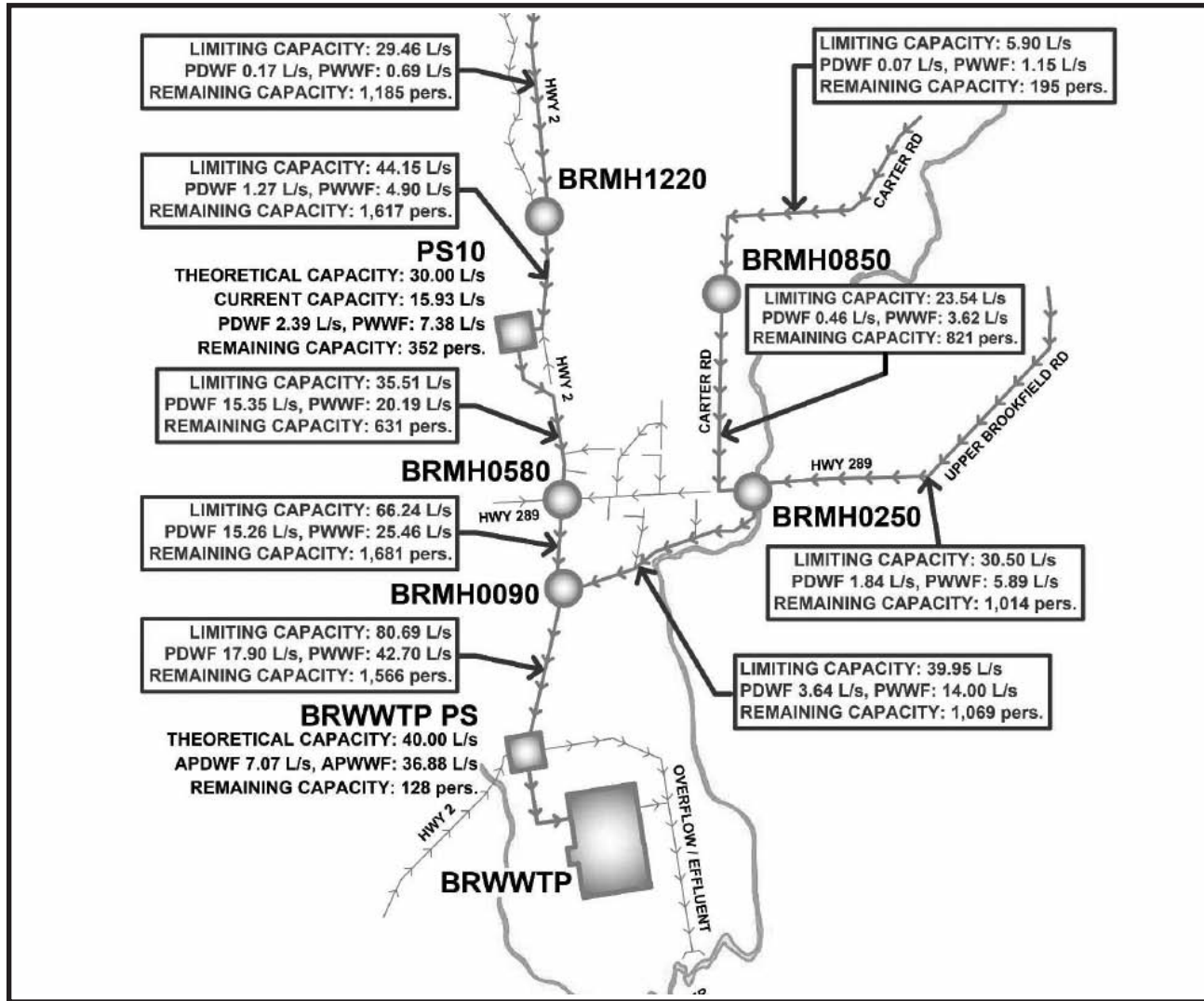
lem areas will include flow monitoring within the systems and staff investigations of flow patterns during/after heavy rains. Future operating and capital budgets will include resources and line items for addressing I/I, including but not limited to pipe replacements and the use of trenchless technologies to rehab pipes in problem areas.

See also the segment dealing with situations involving the Central Colchester Wastewater Treatment Facility (CCWWTF) and Trunk Line, it can be found on page 10.

See also the segment dealing with situations involving the Valley/Bible Hill Sewage Collection System, it can be found on page 10.

See also the segment dealing with situations in Debert, it can be found on page 11.

Brookfield Sewer Pipe Capacities chart is shown below, the full story for Brookfield's capacity is in the August 2024 issue of the Shoreline Journal.



TURNERS' EXCAVATING AND TRUCKING

41 Onslow Mt. Road, Belmont



All Gravels, Backhoe, Dozer, Roller, Septic Plans And Installation, New Land Development, Driveways, and Culverts.

Cells (902) 890 5409, (902) 890-7348, (902) 897-7688

PERCY SMITH USED CARS

Quality Used Vehicles

FINANCING AVAILABLE visit: percysmithauto.com

Valley, NS • 902-895-8453

Call Percy Smith 902-899-7933 or Louie Smith 902-890-6140



ASK US ABOUT Shingles Vaccination By appointment

RSV Vaccinations Available CALL FOR AN APPOINTMENT TODAY!



COMFORT EVERYDAY

SOCKS WITH BENEFITS Dr. Segal's Diabetic Socks

Lots of colours & sizes

TIME MY MEDS

We can help make your prescription services more convenient with our patient support services program.

Blister Packaging - 3 systems to choose from.

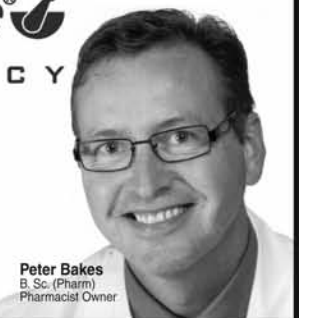
Time My Meds - We will coordinate your refills to be picked up at the same time.

SAVE GAS PLUS FEWER TRIPS TO THE PHARMACY

The Medicine Shoppe PHARMACY

(902) 893-3500

Call and ask to transfer your prescriptions to us



Peter Bakes B.Sc. (Pharm) Pharmacist Owner

NEW PATIENTS WELCOME

FREE DELIVERY

Proud to be your personal pharmacist

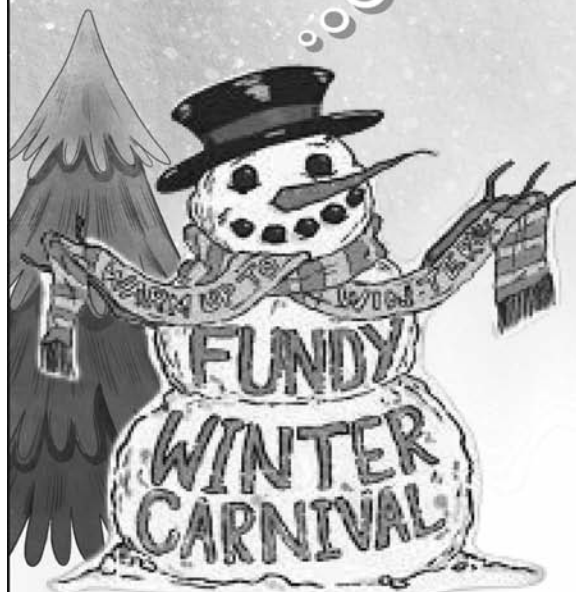
THE HUB 245 Robie Street (Formerly Truro Mall)

www.medicineshoppe.ca

HOURS: M-F: 9am - 5pm | Sat: 9am - 1pm

Save the date: Feb. 13 - 17

Come join me Flurry in all the fun activities!



FUNDY WINTER CARNIVAL 2025

Get Ready for Fun with the Fundy Shore Winter Carnival!

Join us this winter as we get active and celebrate the season with exciting activities happening across the Fundy Shore communities!

Here's what you can look forward to:

- ❄ Snowshoeing
- ❄ Winter Hikes
- ❄ Skating
- ❄ Kick Sledding
- ❄ Challenges
- ❄ Movie Nights
- ❄ Dances
- ❄ AND so much more!

Scan me



Plus, don't miss our exciting contests and your chance to win amazing prizes!

Be sure to follow us on Facebook Fundy Shore Winter Carnival for all the latest event updates and announcements.