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# Fixing Facilities Up Front

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# Incident

- Breach – Leak or Overtop

- Leak

  - Rodents

  - Failed liner

- Overtop

  - Weeds

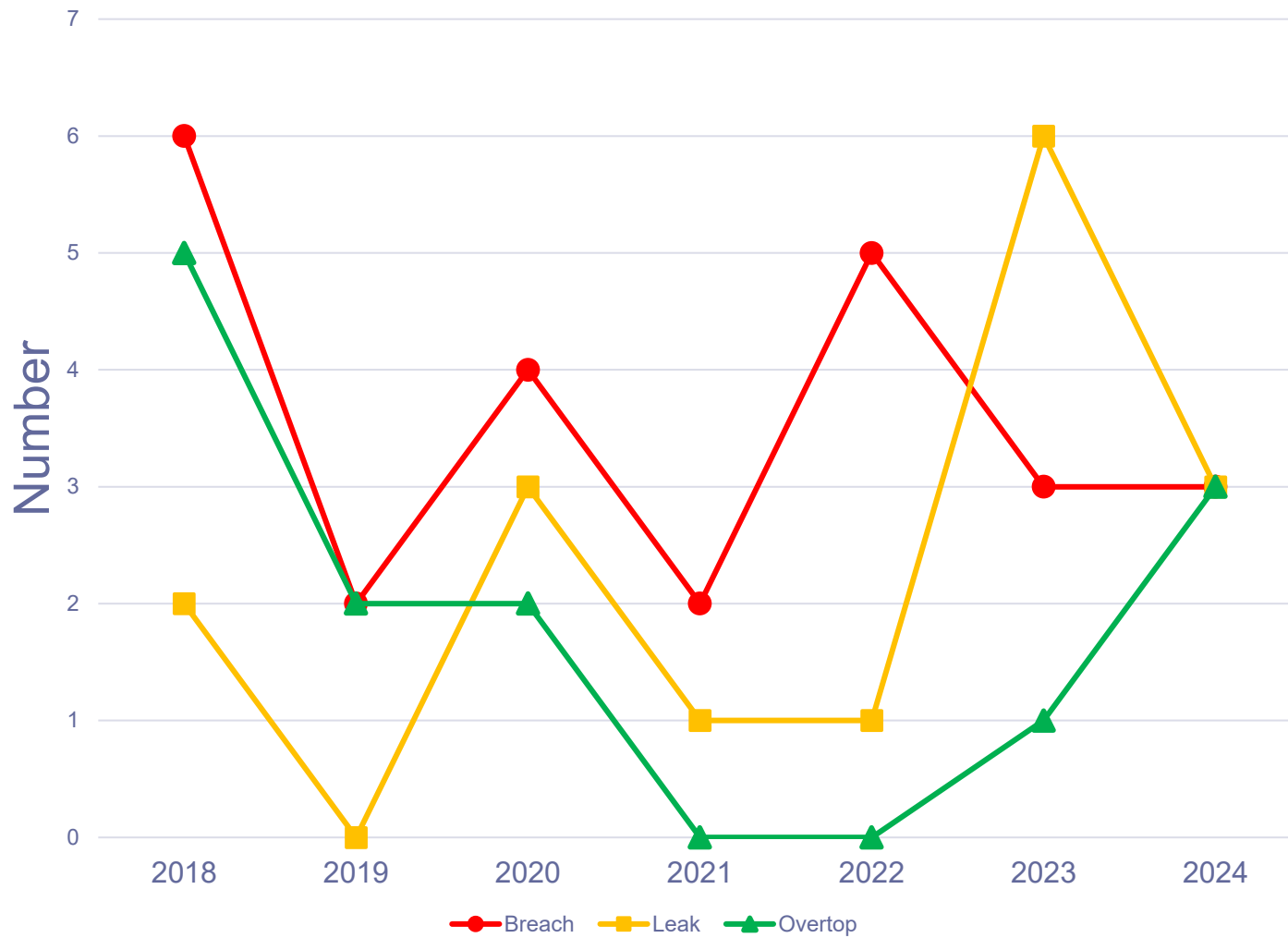
  - Storm Runoff

  - Floodback

  - Malfunction gate

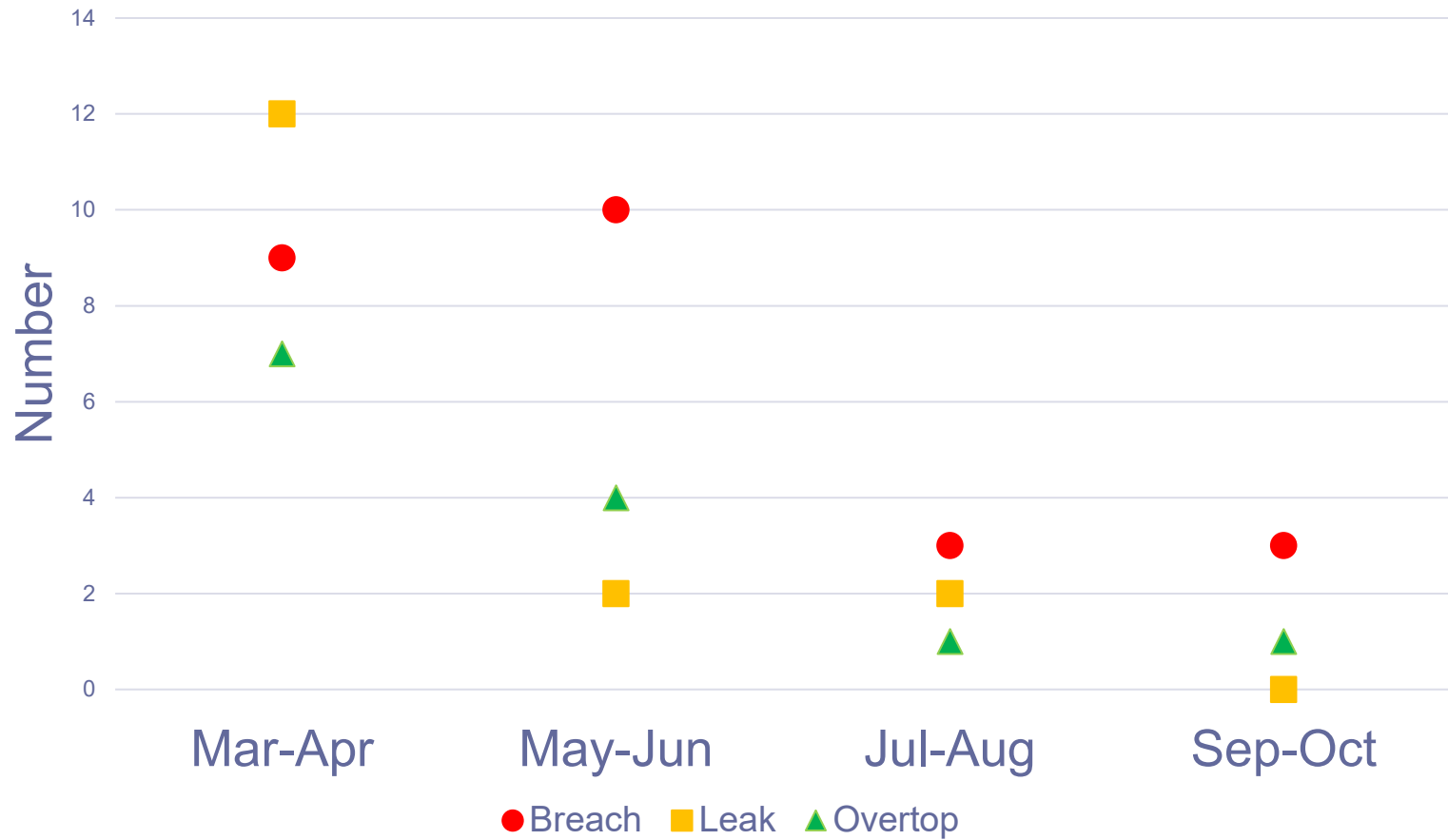


# Canal Incidents



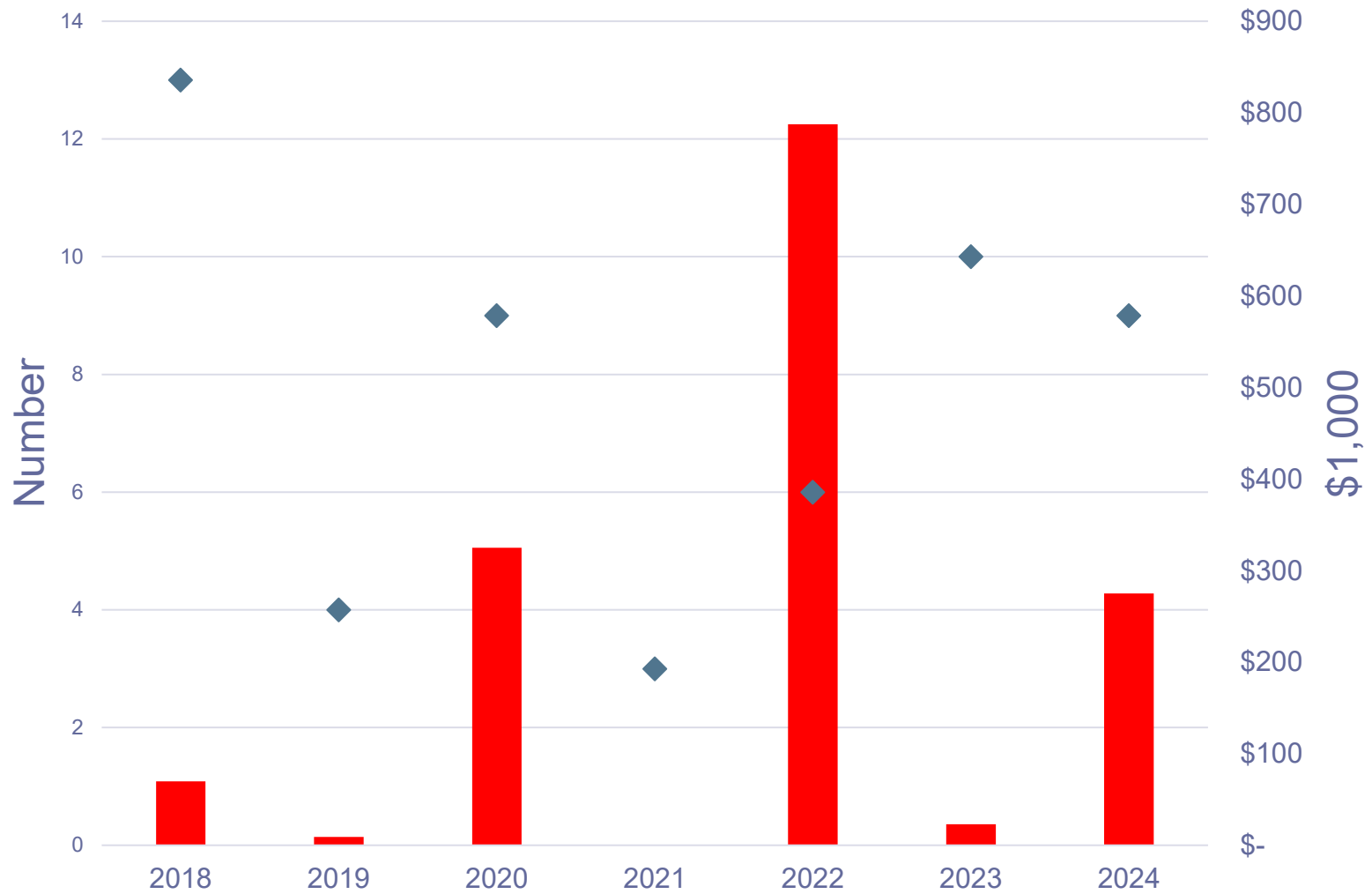


# Canal Incident 2018-2024





# Canal Incidents





# Preventing Leaks

## -Rodent Control

Baiting

Bounty - \$1/tail

Vibration/compaction

Lining / piping

## -Liner Repair

Replacement — Geomembrane w Concrete

Polyurea concrete cracks

Coretrench





# Preventing Overtopping

Weed racks

Extra Monitoring – Based on Weather

NO Floodbacks

Training

Control System Maintenance



# System Improvements

## ▷ 2025 \$4.5 Million

- Piping – 2.1 miles planned
- Lining – 3.8 miles planned
- Electrical Upgrades

## ▷ 2026-29 \$30 Million

- Annual Landowner Cost \$11/Acre
- WaterSmart and other Grants
- Reclamation Aging Infrastructure Account Loan





# Reclamation Aging Infrastructure Account

## ▷ Extraordinary Maintenance

- 100% Loan
- Current interest Rate
- 30 year

## ▷ Emergency XM

- 35% non-reimbursable
- 65% Loan



# Urban Canal Modernization Act

- House Bill 6107 – Rep. Simpson (ID), Rep. Newhouse (WA)
- Senate Bill 2160 – Senator Risch (ID)

## ▷ Legislation would

### – Amend Aging Infrastructure Account

- Urban Canals of Concern – seeking 35% Non-Reimbursable
- Repair before Emergency

## ▷ Need support for Act from WA in DC





# Urban Canal – Ephrata



# Conclusion

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