



Mitigating “Bubbled Toilets”





What are “Bubbled” toilets?

- Happens during mainline cleaning
- Forces water out of the toilet bowl
- Vacuums water out of the toilet bowl



Why Does this happen?

- High pressure used to clean main lines
- Improper venting
- Main line depth and size
- Vicinity to home



Cost to the District

- Average 18 per year over the last 8 yrs (1 every 8 miles cleaned)
- 29 needing a cleaning service with an average cost of \$280.00
- Four resulted in claims totaling \$14,969.00



How do we prevent this?

- Venting
- Installing cleanouts
- Adjust angle of our nozzle jets



Going forward

- Continue our current practice
- New technology (Demo and purchase new jetting nozzles)



Questions?