

PART 3 - ANALYZING FOR MICROPLASTICS



With the prevalent spread of microplastics throughout our environment, should you be concerned about your health? With the review of current literature on scientific studies, the conclusion is undetermined at this time.

“Overall, there does not seem to be any reliable information at this time that would suggest any overt health concerns associated with microplastic particles.” (Source: Microplastics in Drinking Water, World Health Organization, 2019)

The World Health Organization (WHO) recently published the Microplastics in Drinking Water (2019) report, an in-depth literature review on the known effects of microplastics. A summary of the report conclusions are briefly mentioned below.

There are currently no epidemiological or human studies on ingested microplastics. The effects of microplastic on the human system is unknown at this time, but humans have been ingesting microplastics for decades and no correlation to adverse health effects have been made. Additionally, the current sensationalism of microplastics should not negate or deprioritize the removal of microbes in drinking water. The process of water treatment to remove microbes usually includes treating water to a low turbidity by the process of sedimentation, flocculation or filtration. These physical treatments would remove microplastics from drinking water simultaneously with microbial contamination removal.

At this time, there are no standardized methods for analyzing microplastics in the environment. There are currently several movements to standardize methodologies for analysis and sample collection, including CA legislation to finalize a microplastic definition, and adopt a standard methodology to be used in a subsequent four-year study on the amount of microplastics in drinking water.

Once there are quality assured methods to determine the number, shape, size and composition of microplastic particles, additional studies will be able to be performed on the toxicological effects.

IVGID PUBLIC WORKS WILL BE CLOSED:

**FRIDAY, OCTOBER 25, 2019
MONDAY, NOVEMBER 11, 2019**

**IVGID PUBLIC WORKS IS AVAILABLE 24/7
TO RESPOND TO WATER/SEWER
EMERGENCIES.
CALL 775-832-1203**

HHW & E-WASTE DROP-OFF

**HOURS FEB. 1-OCT. 31:
TUES & THURS 3-5 PM**

**WINTER HOURS NOV. 1-JAN. 31:
TUES & THURS 3-4:30 PM**

**SITE WILL BE CLOSED
DURING SEVERE WEATHER**

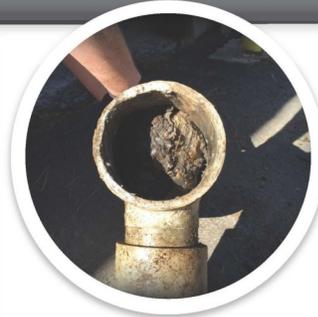
SAVE THE PIPES! DON'T FLUSH WIPES

(OR ANYTHING OTHER THAN TOILET PAPER)



SEWER BACKUPS ARE:

- Gross
- Unhealthy
- Costly
- Harmful to our creeks and lakes



CLOGGED PIPES...
EWWW!

DID YOU KNOW?

- Most sewer spills are preventable and are the result of misuse of the sewer system
- Flushed baby wipes and other items cause tens of thousands of dollars in damage each year
- Flushing anything other than human waste and toilet paper down the toilet can damage household plumbing, the environment, and the wastewater system



OK TO FLUSH: NOT OK TO FLUSH:

- Human Waste
- Toilet Paper
- Baby Wipes, including "flushable" wipes
- Paper Towels
- Cotton Swabs
- Tampon/Pads
- Contacts
- Condoms
- Tissue/Kleenex
- Dental Floss
- Diapers
- Cleaning Pads/Wipes
- Medication



"FLUSHABLE" WIPES AREN'T FLUSHABLE!

Test after test proves that "flushable" wipes don't break down in the sewer.



WATER EFFICIENT APPLIANCE REBATE

The first 100 applications for high efficiency appliances are eligible for one rebate per parcel, up to \$100 credit towards their IVGID utility bill. High-efficiency appliances eligible for the rebate include WaterSense toilets using 1.28 gallons of water per flush, or Energy Star washing machines that have a water factor of 3.7 or less.

Applicants must fill out and submit to IVGID Waste Not:

1. The High-Efficiency Appliance application
2. A copy of the original receipt (dated on/after July 1, 2019 and before June 30, 2020)
3. A photo of the installed appliance with model number.

The rebate application is available on our website:

<https://www.yourtahoepace.com/public-works/water/water-conservation>

Questions? Call IVGID Waste Not at (775) 832-1284 or email: wastenot@ivgid.org