



NW Chapter of IAPMO

9-5-2019

Call to order – 6:00 pm

Flag Salute

Self-Introductions

Approval of last month's minutes

Chair Report – Steve Hart

Applications are available for the Chief and Assistant Chief Plumbing inspectors for the City of Seattle

3d Innovations has been purchased by IAPMO, Steve will continue teaching for IAPMO around the country and locally

There will be a beta test for the upcoming Reno presentation at McKinstry's shop Sept 14th

Local and national members can earn CEU's by attending monthly meetings

Codes have changed a lot

Looking into Fire fighter air systems, currently no code or enforcement

No noise plumbing systems are on the rise, this will continue to expand

Schedule 10 gas piping will be allowed in the new code cycle

Re-used water has many dangers

Vice Chair – Howard Ferguson

Continually looking for speakers for future meeting with a sustainability focus

Treasurer – Eric Gilbreath – no report

Monthly presentation – Toilet Tech Solutions – Geoff Hill

Part 1 of research

Geoff did his PHD on waterless human waste management

His research covered pit and compost toilets

Urine diverting and vermi composting

Denali vermi composting

Part 2 of research

Solutions for North America

Urine diverting conveyor toilets

Remote and cold installations

Residential and Public park toilets

Pit toilets

Are illegal

Many are seeping into groundwater

Big problem in campgrounds

Could find none that actually worked

Very wet and high e-coli

5x more pee than fecal in human waste – won't break down into a compost mix

Found hook worms in every example

Incinerating toilets

No research conducted; research shows that zero work as expected

Source Separation

3 types of human waste in facilities– pee, fecal and garbage

Urine diversion seats don't work

Fly's and bugs won't eat fecal that has been urinated on

The body naturally separates human waste, 2 different exit points

Two types of disposal

Compost – let the bugs do the work

Collect and move to dispose of

New business - Plumbing legislation is moving forward, there was a meeting with Senator Kaiser, the Laborers, PHCC and the UA, the issue's with the bill has been worked out and we will be moving forward next session

Old business – none

Drawing - \$78.00 (donated back to chapter), shirt, hat, blue tooth speaker

Next meeting Claim Jumpers Southcenter October 3rd

Adjourned 8:00pm

Respectively submitted

Brad Moore

Chapter Secretary