

SEPTIC SYSTEM UPDATE

- **GENERAL HISTORY**

- Meadow drain field built in 1973,
45 years ago
- Average life for a septic field is
25-30 years

5

EXITING
FENCE—

200-8 2010
200-8 2010
200-8 2010
200-8 2010
200-8 2010

[illegible]

3/24/78
Explos: Station Pipe
Applied 20' N of
Candent Dist. Pipe

4/4/18
Remond 3 pipe
capped oil well
approx 18" N. of
Candiani Dist. Pile

- **MEADOW SEPTIC**

- Meadow Septic, Evapotranspiration drain field no longer allowed by law
- Break in septic line
- Engineer, ADC, contacted
- Test holes dug, green space on 2nd Street not suitable
- While digging broke lateral line and were able to view the interior condition of the lines



- **WE HAVE SERIOUS ISSUES**

- Drainage gravel contaminated with bio-material, prevents effluent water from spreading
- Using only smaller field B for many months, may not be able to support water and sewage use of additional residents
- The repairs to the broken line in fenced in area of the meadow is considered a septic failure by Washington DOH



SCALE 1" = 20' H.

SEWER COLLECTION
24" DIA. PIPE
1-1/2" DEEP

EXISTING
FENCE

44" x 7" DEEP
DEATH HATCH
1" DIA. HATCH

500' x 5" CONC
SEWER WATER
INTERCEPTOR
24" DIA. PIPE
1-1/2" DEEP

GOOD GULLON
VENTILATION
1-1/2" DIA. PIPE
1-1/2" DEEP



3/24/18
Repaired 24" Pipe
Added 24" N at
Cement Dist. Pipe

4/14/18
Repaired 24" Pipe
Added 24" N at
Cement Dist. Pipe
1-1/2" DEEP

SEWER
COLLECTION
24" DIA. PIPE
1-1/2" DEEP



- **OVERSIGHT**

- Washington DOH oversees our Meadow septic field
- Jefferson County oversees our other two septic fields, can only involve themselves in Meadow if “there is a threat to public health”, i.e. leakage of sewage
- Washington DOH is now requesting and engineer drawing to show the improvements that we want to make to our system

- **MORE HISTORY**

- Due to the excellent management of our system over the years, Washington DOH is willing to work with us
- Jefferson County reasons to be concerned are:
 - the system failed one year after construction due to poor design and infiltration of water from the park
 - they have a long list of documented repairs over the years to keep the system running, mostly prior to our ownership
- Prior to our ownership there many incidences of shoddy construction, repairs and mismanagement
- In 2008-2011 Jefferson county received complaints that we were exceeding our permit as an RV park and that our ditch smelled like sewage. The county required a lengthy list of expensive tests to find we complied, they labeled our system as “suspect” with the county
- Recent tests show that our fecal bacteria levels are within the allowable limit, our system is leaking

• **SUMMARY**

- Our Septic System is old and severely compromised
- Our drain pipes are plugged or surrounded with bio-material that is preventing the drain field from working as it should
- Our drain field is leaking contaminated water into our ditches, which drain to other properties and Discover Bay
- We need to find a long-term solution for the longevity of the community

- **COURSE OF ACTION**

- ADC Engineering present a plan to Washington DOH to dig up clogged lines and contaminated gravel and replace with new and include a pre-treatment unit, which the County has recommended in the past
- Getting bids from potential contractors

- **COST OF CATASTROPHIC SEPTIC FAILURE**

- Washington DOH would require us to pump our septic tanks daily, at a cost of \$2300 per day
- We wait to see if the state will allow us to rebuild.

- **HOW CAN YOU HELP? CONSERVE WATER**

- Turn off water while brushing your teeth and washing dishes
- Collect water in a tub in your sink and dump on the ground instead of down the drain
- Only flush when necessary, put TP in garbage and flush urine when needed
- Take shorter showers or reduce number of showers
- Use the showers and restrooms in the common areas whenever possible, these do not drain to the meadow drain field

- ALL MONEY BUDGETED IN 2018 FOR SEPTIC AND WATER MANAGEMENT HAS ALREADY BEEN SPENT AND THERE ARE MORE BILLS TO COME
- RESERVE FUNDS DESIGNATED FOR SEPTIC REPAIR/REPLACE \$59,324.00
- ESTIMATE OF UP TO \$250,000 TO REPLACE SEPTIC SYSTEM

Everyone Poops

