Agenda Item 3
Date November 7, 2019

Draft Sewer Lateral Ordinance

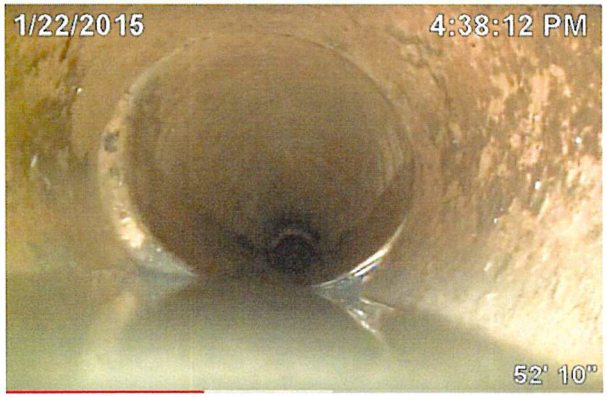
Examples of Failed PSLs *(ATYPICAL…!!)*

Las Gallinas VALLEY SANITARY DISTRICT

Board Meeting Agenda Item 3
November 7, 2019

Typical Lateral Defects

Examples of Common Defects Present in PSL's (Typical)

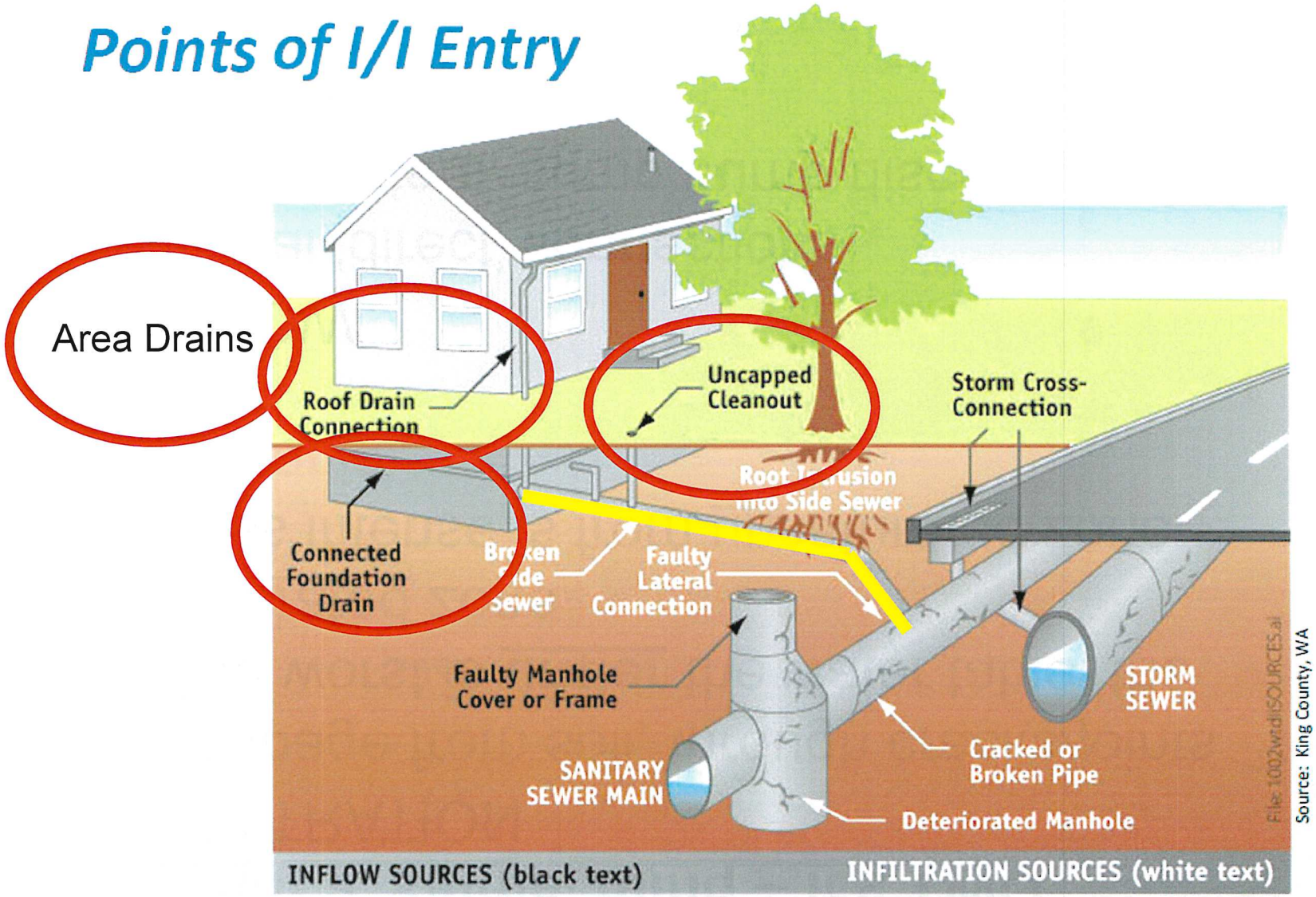


I&I is not a 'single' thing – it's TWO

1. INFILTRATION
   - seepage from soil, through cracks/joints
   - The worst is **under** the water table, the saturated zone.
   - Less intense is from unsaturated zone
   - 'Chronic'

2. INFLOW
   - Illegal 'direct' connections
   - Roof gutters, sump pump discharges, surface drainage systems.
   - 'Acute'

Points of I/I Entry



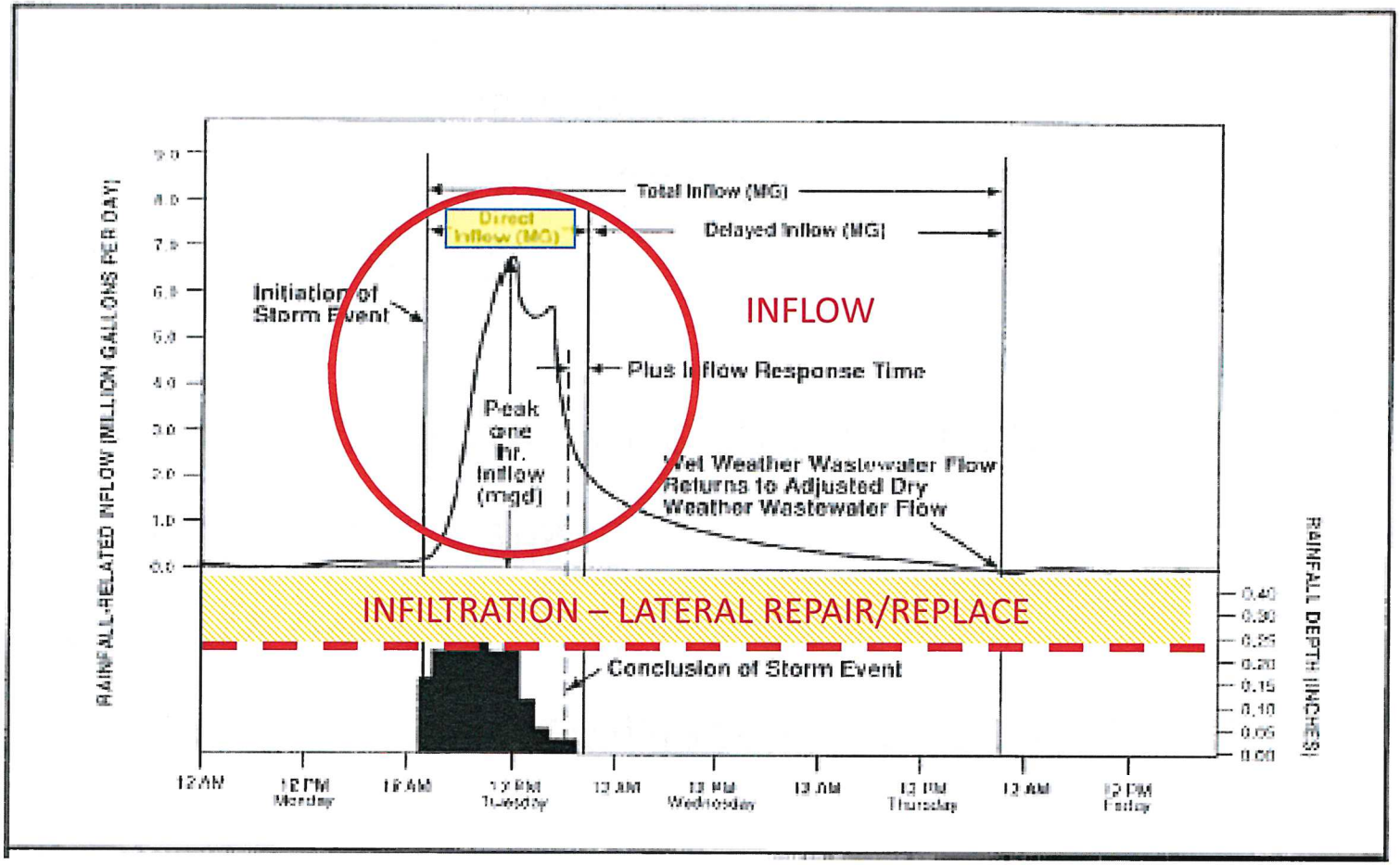


Figure 1: **Hydrograph helps visualize inflow as the response to wet weather flow (from MassDEP 1993)**

Feedback Received Re: July 19 outreach letter

- 65 realtors – mostly template letter comments
- 22 property owners
- Handful of phone calls
- Triggers of inspection were the most common concern
- Confusion regarding:
  - Pressure test – not envisioned
  - Replacement versus inspection

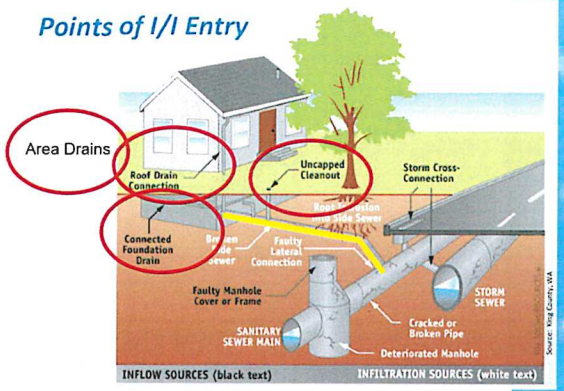
Recent Efforts & Next Steps

- Discussed pool overflows with MCSTOPPP
- Discussed permit process with City of San Rafael
- Finalized technical aspects of Ordinance language
- District Counsel review of Ordinance language
- TODAY: 11/7/2019
  - Publicly Noticed Meeting Regarding Final Draft of Ordinance

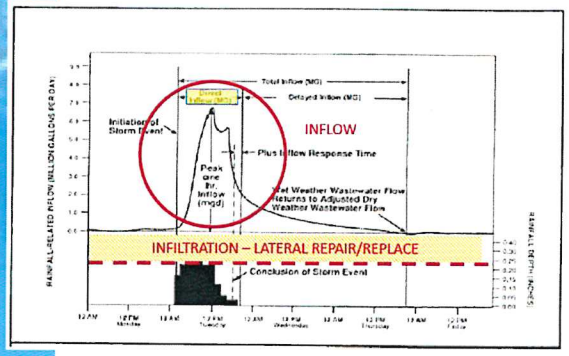
- 11/21/2019 Proposed Public Hearing on Ordinance
- 11/22/2019 Proposed Effective Date
- Outreach to San Rafael and Marin Realtors

Proposed Final Features:

1. Fees and procedures not in ordinance – District document library.
2. Exclusion of lateral replacement requirement- home sales and permit triggered inspections
   - Board to defer decision until inflow data collection interval (~5+ years)
3. Normal inspection is CCTV – no pressure test
4. Permit trigger value set at $30,000
5. Inflow corrective action grace period of 90 days
6. Repeat offense no grace period for corrective action
7. Pool overflow lateral connections not allowed after effective date.
8. MFD/HOA/Public + Commercial Properties not included – YET. Outreach program recommended


Points of I/I Entry
Area Drains
Roof Drain Connection
Uncapped Cleanout
Storm Cross-Connection
Connected Foundation Drain
Faulty Lateral Connection
Faulty Manhole Cover or Frame
STORM SEWER
SANITARY SEWER MAIN
Cracked or Broken Pipe
Deteriorated Manhole
INFLOW SOURCES (black text)
INFILTRATION SOURCES (white text)

FINISH LINE AHEAD
HANG IN THERE


INFLOW
INFILTRATION – LATERAL REPAIR/REPLACE

DISCUSSION