

AGENDA ADDENDUM

COUNCIL WORKSHOP

Monday, May 14, 2012

7:00 p.m.

Committee Room, Municipal Hall

355 West Queens Road,

North Vancouver, BC

Council Members:

Mayor Richard Walton

Councillor Roger Bassam

Councillor Robin Hicks

Councillor Mike Little

Councillor Doug MacKay-Dunn

Councillor Lisa Muri

Councillor Alan Nixon



NORTH VANCOUVER
DISTRICT

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AGENDA ADDENDUM

THE FOLLOWING LATE ITEMS ARE ADDED TO THE PUBLISHED AGENDA

- 2. Utilities Workshop – Sewer Use Bylaw Amendments**
File No.

Presentation: Gavin Joyce, General Manager – Engineering, Parks, & Facilities

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Council Workshop #2

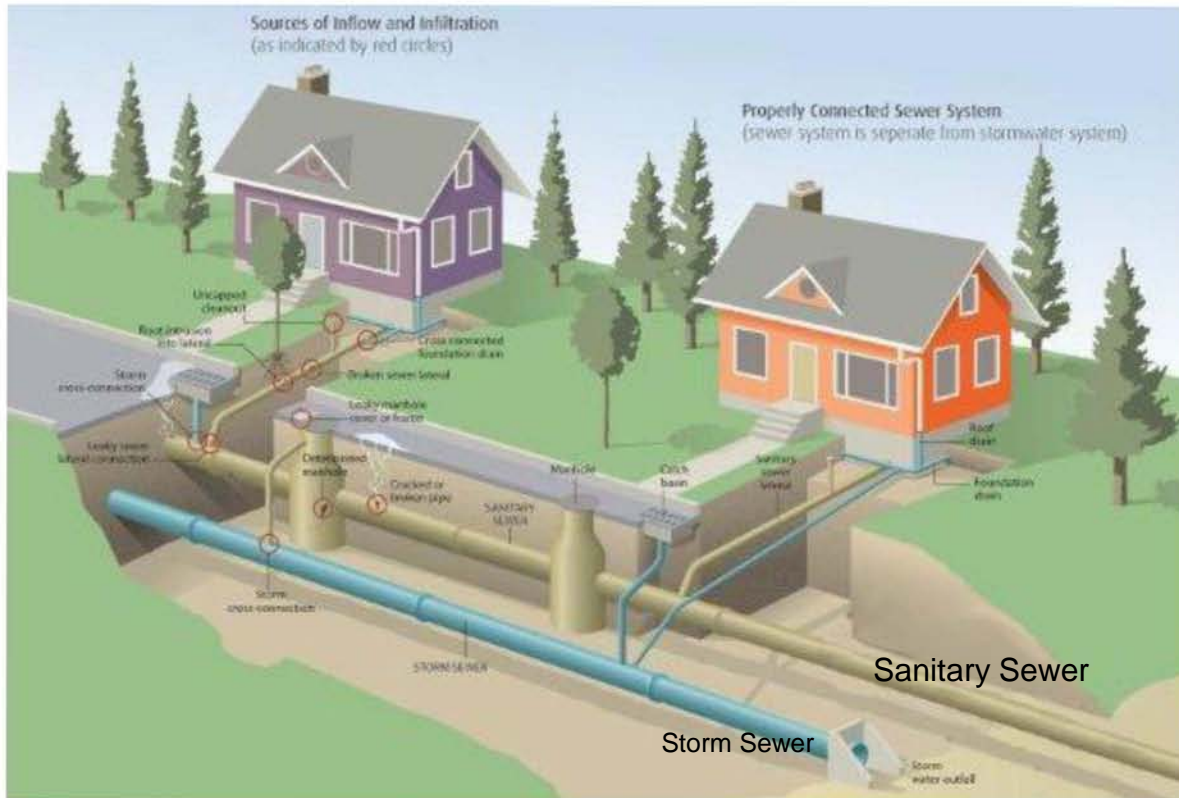
Sewer Use Bylaw Amendments

2.

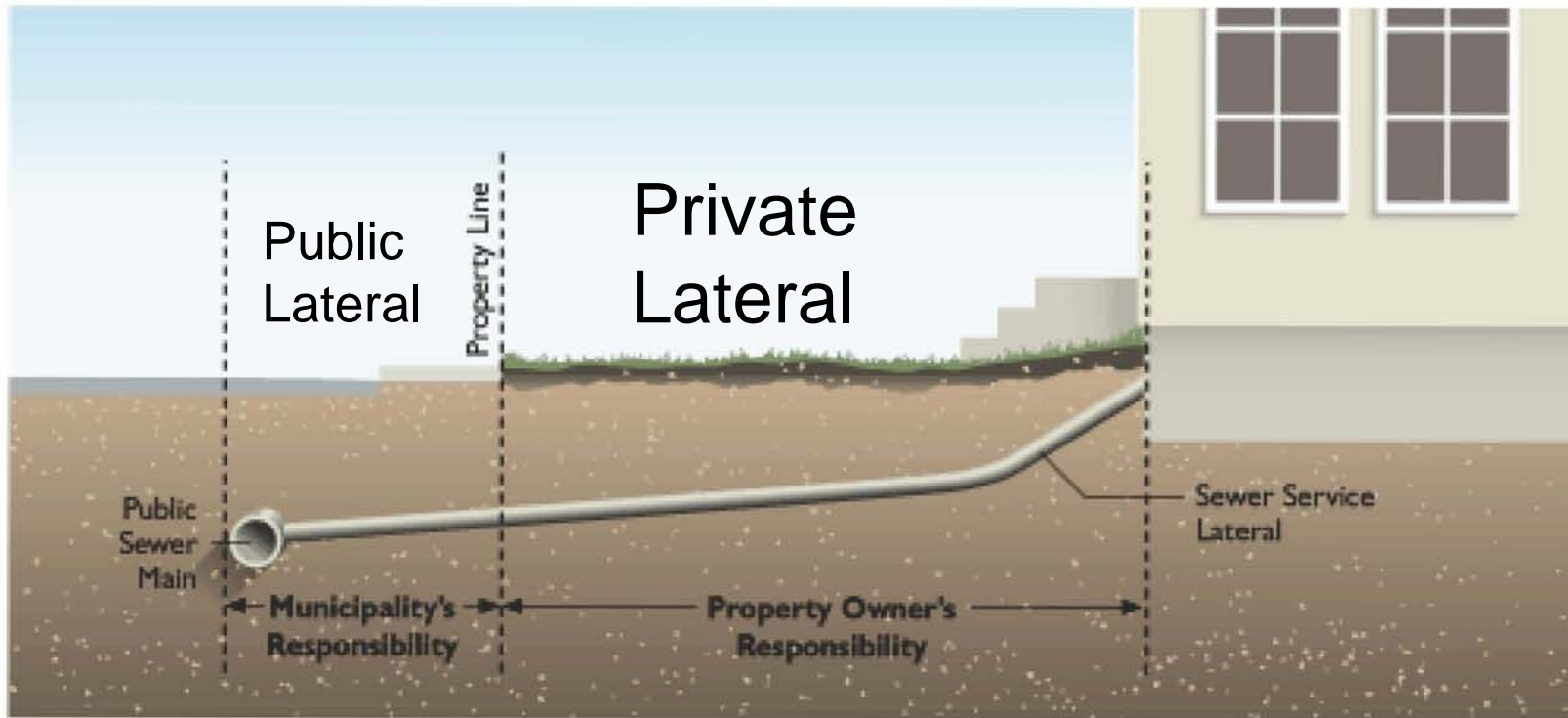
Workshop #1 Inflow & Infiltration
Workshop #3 Utilities Modelling

Presented by the Utilities Department
2012

Reality.....Fantasy



Sewer Lateral



Laterals = 30-70% of total I&I



Legal Authority for Private Lateral Program

- Provincial
 - Mandate: Municipal Sewage Regulation
 - Authority: Community Charter
- Local:
 - Actions: Metro ILWRMP Municipal
 - Regulation: DNV Sewer Use Bylaw

Benefits of I&I Reduction

1. Accommodate OCP growth
2. Defer or eliminate capital projects
3. Anticipating Metro rate structure change
4. Develop DNV I&I reduction relationships
5. Support design for Lions Gate WWTP
6. Achieve our mandated ILWRMP actions
7. Infrastructure & environmental stewardship

Dollars and Sense – Lynn Valley

Eliminate the Problem

\$5.7M

- Public Program \$3.1M
- Private Program \$3.2M
- Treatment Savings (\$0.6)M

Equivalent increase per SFR \$29/year

Band Aid the Problem

\$13M

- Metro Tank (DNV part) \$7M
- Upgrade Pipes \$6M

Equivalent increase per SFR \$66/year

Total Savings

\$7.3M

Equivalent increase differential \$37/year

LV Private Lateral Program

- To reduce I&I from LV private laterals
- Estimate 5-10% of laterals require work
- In LV 10% = 540 Laterals

- Total Program Cost **\$3.2M**
 - Average cost per lateral \$6K
 - DCC Eligible (20%)

Current DNV Actions

- Existing & New Operations Programs
 - Pipe Inspection & Repair
 - MH Inspection & Repair
 - Construction Practices
 - Inspection of Development
 - **Develop Private Lateral Strategy**

Private Lateral Program Approaches

1. **Municipal Approach: We do all the work.**
Treat the private system as if it is ours.
2. **Incentive Approach: We encourage and regulate owners to do work.**
Encourage bylaw adherence through positive or negative incentive. No consequence for non adherence.
3. **Regulatory Approach: We ‘force’ and regulate owners to do work.**
Enforce owner bylaw adherence with consequence for non compliance.

Program Pros & Cons

Municipal	Quality and control of work Coordinate with current works Program success – highest	Exposure to liability Public perception and response Cost – highest for DNV
Incentive	Exposure to liability Public perception and response Cost – low to DNV	Quality and control of work Program success - lowest
Regulatory	Exposure to liability Program success high Cost - lowest for DNV	Quality and control of work Public perception and response



Private Lateral Program Funding Approach & Rational

- **Municipality Pays**

- Otherwise taxpayers caught off guard
- Unique and significant financial burden
- Benefits whole community and region
- Many owners impacted
- DCC funding program candidate

- **Owner Pays**

- Equitable allocation of financial burden
- Precedent with other private assets

Current Bylaw & Concerns

- Existing wording:
 - Regulatory Approach
- Concerns
 - Time Frame
 - Enforcement
 - Distress “innocent” public
 - Financial hardship
 - Substandard Workmanship

Where Are we Going?

- Lynn Valley Program
 - Repair Public Side
 - Assess & Strategize DNV Program
- Consider and Select Approach & Funding for Private Lateral Program
- Return for council support and Sewer Use Bylaw update