

3. Lateral Program Description

Type of Lateral Program (check all that apply and describe program – try to be brief in program description, but add separate sheets as needed). If utility operates more than one private lateral program, it may be preferable to complete a separate questionnaire form for the remaining questions for each of those private lateral programs.

_____ Lateral Maintenance (e.g., cleaning, root control, etc.):

_____ Lateral Repair (e.g., point repairs, etc.):

Lateral Replacement:

A developer rehabilitation program is on-going in all of our seven Sewer Districts, effective 2008. The program started in one specific district in 2005. To receive approval for development, developers must rehabilitate existing sanitary sewers (which can include laterals) to remove I/I sources equivalent to 4 times the proposed peak flow for development. Different formulas apply to residential lots versus commercial development. Homeowner laterals receive a credit of 42 gpm for replacement, giving the developer the biggest credit in one shot. Homeowners have their lateral replaced at no cost to them, but are responsible for final restoration including top soil and seed.

I/I Control (Specify type; e.g., cleanout caps, sump pump disconnect, downspout/yard drain disconnect, backflow preventer installation, etc. If basements are typical in area, where are building owners directed to connect the foundation or tile drain lines that have to be disconnected?):

An on-going house inspection program consists of interior and exterior inspections for sump pump, roof leader, vent, and clean out deficiencies, etc. A copy of the County's standard house inspection form is attached. We also complete smoke testing in areas to see deficient laterals and televising laterals for the developer rehabilitation program. We then send violation letters to homeowners, with legal backing from our adopted Rules and Regulations (attached).

Lateral Reconnects (Specify conditions; e.g., when utility relocates main, etc. Specify special situations; e.g., sewers under building(s) requiring building plumbing changes or extensive lateral relocation):

According to our Standard Detail 21 (attached)

Lateral Inspections (Specify conditions; e.g., point of sale, special utility project, etc.):

Completed when trying to compile developer rehab lists for projects (see I/I Control description).

New Connection Permitting (e.g., special coordination with Building Codes, etc.):

District representative performs the tap in most cases, although cases when the trunk line pipe must be cored, then we must observe the tap.

_____ New Connection Enforcement Mechanisms:

4. Lateral Program Implementation

Implementation Date: 2005 Why implemented? Required by the New York State Department of Environmental Conservation (NYSDEC)
(e.g., consent order/decreed, reduce CSOs/SSOs, obtain capacity to alleviate sewer moratorium, more cost-effective than "old" program, etc.)

Ongoing Program? Yes Or End Date: _____ Why Ended? _____

The County was facing more SSOs in certain neighborhoods due to wet weather issues. The NYSDEC approved the developer rehabilitation program (for new development/extensions) as a viable method for making capacity available to their development.

What Legal Authority was required to Implement the Lateral Program? _____ Resolution
(check all that apply, inquire if electronic copy is available for virtual library; inquire if utility type [i.e., municipality vs. district] affects the necessary legal authority) _____ Ordinance
_____ State Enabling Legislation
X Other (Specify) _____

County Legislation for enforcing the Rules and Regulations for Erie County Sewer Districts.

5. Lateral Program Funding

Who Pays: _____ Utility X Property Owner X Other (Specify): Developers
(other could include grants, loans, low & moderate income programs, block development grants, etc.; inquire if electronic copy is available for virtual library)

Funding Description:

Developers pay for the lateral replacement costs and property owners are responsible for the final restoration (including top soil, seeding, watering, etc.)

6. Program Construction

Who Does the Work: _____ Utility Internal Forces _____ Utility Selects & Pays Contractor
_____ Property Owner _____ Property Owner But Only From Utility List
X Other (Specify): Developer

Construction Description: _____

Construction Details: Are standard details/specifications used? Yes Are electronic copies available? Yes

Describe/List Details: Division of Sewerage Management – Standard Detail 21(attached)

7. Public Education/Information Program

How is Lateral Program Publicized?	<input type="checkbox"/> Door hangers	Are electronic copies available?	<input type="checkbox"/>
	<input type="checkbox"/> Bill stuffers	Are electronic copies available?	<input type="checkbox"/>
	<input type="checkbox"/> Meetings	Are electronic copies available?	<input type="checkbox"/>
	<input type="checkbox"/> Brochures	Are electronic copies available?	<input type="checkbox"/>
	<input type="checkbox"/> Customer Specific (e.g., provide property owner with CCTV still shot of lateral interior, field mark/locate [flag or cone] problem, provide picture of field location in case flag or cone is removed, etc.)	Are electronic copies available?	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Other (Specify)	Are electronic copies available?	<input type="checkbox"/> Yes

Additional Description of Material(s):

- 1) Lateral Rehab Program – Property Owner Information Flyer (attached) _____
- 2) House Inspection Program - Inspection request and violation notice letters (samples attached) _____
- 3) Lateral Rehab Program – Property owner Release Form for pre- and post-construction (attached) _____

8. Lessons Learned

What Would You Do Differently?

The program is still in its early stages; therefore, we wouldn't do anything differently. _____

What Performance Measures Are/Were Used?

(e.g., plant flow reduction, CSO/SSC reduction, basement backup reduction, service call (roots, etc.) reduction, sewer moratorium lifted, etc.) Describe results of Lateral Program on those performance measures:

A pilot measurement in a specific mini system (smaller tributary area within a District) shows I/I remedial work reduces the flows. In an annual report to the NYSDEC, a summary of the house inspection program results and estimated I/I removed through the developer rehabilitation program is included. _____

Lessons Learned:

The process is very time consuming and we still have gaps to work out in communicating with homeowners. It is vital to get homeowners to “buy in” to the program to ensure its success, especially those properties serviced by clay tile pipe, or similar material. _____

9. Follow-Up Electronic Submittal

Willing to Send Electronic Materials to WEF Collection System Committee for Inclusion in Virtual Library? Yes
(list all items utility agrees to send below should future follow-up reminders be needed)

Is utility willing to provide a contact (e.g., either website address, telephone number or email address [preferably not a name due to possible privacy concerns] for inclusion in the WEF Private Lateral Virtual Library)? Yes

WEF Tracking List of Materials: Rules & Regulations for Erie County Sewer Districts (Rules_Regs_Handbook.pdf)

Standard Detail 21, Typical House Service Detail (Detail 21.pdf)

Lateral Video Inspection Flyer (3lateralrehabresident08.pdf)

Erie County Sewer Districts House Inspection Form (houseinspectionform5-08.pdf)

Inspection Request and Violation Notice Letters (SampleLetters7-08.pdf)

Lateral Rehab Program - Property Owner Release Form – Pre and Post Construction (PropertyOwnerReleaseD3.pdf)