PRIVATE LATERAL PROGRAM QUESTIONNAIRE - DRAFT # 2, March 1, 2006

The WEF Collection System Committee is primarily interested in successfully operating programs for work performed on the privately-owned portion of the lateral line; e.g., building service connection. We want to assemble policy descriptions, enabling resolutions or ordinances, funding details, public education/information materials, standard design or construction details, etc., for programs that have proven to be successful. This specific program documentation will be made available to other wastewater utilities through a virtual private property program on-line library.

While we are interested in "planned" programs, we want to first concentrate on programs that have been demonstrated to have been effectively implemented. Planned programs will be included in the virtual library after the program has been implemented and actual experience with the program is available.

Program descriptions of private lateral programs that were previously implemented, but considered "failed" or only "partially successful" will be included if the reasons for the problems with the program have been identified and can be included as a "lessons learned" component of the virtual library.

Interview Conducted by	WEF Repres	entative:	Name:	Jaime Davidson, P.E.				
1. General Information			Date:	April 4, 2008				
Utility Name & Location:	Erie County	Division o	f Sewerage M	anagement (DSM), Erie County, NY				
Contact Name & Details:	Angela M. Horton, P.E., Asst. Public Health Engineer, 95 Franklin, Room 1034, Buffalo, NY 14202, angela.horton@erie.gov, 716-858-8437							
Utility Characteristics:	~225,000	Number of Customers						
	~100,000+/-	_ Number of Taps						
	950+/-	Total Miles of Public Sanitary Sewers (separated sewers and combined sewe						
	NA - None	Miles of Public Combined Sewers (sanitary only, not including storm so (estimate % of system that is combined if total miles is unavailable or unavailable or unavailable.)						
	Yes		ements (thus po e yes or no)	otentially sump pump connections) typical in your area?				
	Mun Gov	Utility T	ype (municipa	al government, special purpose district, private utility, etc.)				
2. Lateral Definition								
Private Lateral Definition: (check definition that appl	lies)			•				
(Note if (& how) utility tro	eats laterals in	easements	differently tha	in laterals in ROWs)				
	<u>X</u> E	Building To	Tap on Sewe	r Main Line				
		Other (Spec	ify details)					
	,	,		eats residential building laterals differently than commercial y affect responses to subsequent questions)				
Cleanouts: (check all that apply)		Usually Exists						
	X	<u>X</u>	At building					
			At ROW					
			At easement					

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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.):
X 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.
X 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 televise laterals for the developer rehabilitation program. We then send violation letters to homeowners, with legal backing from our adopted Rules and Regulations (attached).
X 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)
X 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).
X New Connection Permitting (e.g., special coordination with Building Codes, etc.):
District representative performs the tap is 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	•	Conservation (I decree, reduce C	NYSDEC SOs/SSO	s, obtain capacity to alleviate sewer						
Ongoing Program?	Yes	Or End Date: Why Ended?									
					er issues. The NYSDEC approved the nethod for making capacity available to						
What Legal Authority w (check all that apply, inc for virtual library; inquir district] affects the nece	quire if elect re if utility t	ronic copy is availably pe [i.e., municipality	e	X	Resolution Ordinance State Enabling Legislation Other (Specify)						
County Legislation for e	enforcing the	e Rules and Regulation	ns for Erie Coun	nty Sewer	Districts.						
(other could include gra copy is available for vir Funding Description:	nts, loans, lo tual library) <u>lateral repla</u>	ow & moderate incom	e programs, blo	ck develo	her (Specify): <u>Developers</u> opment grants, etc.; inquire if electronic sible for the final restoration (including						
6. Program Construct	ion										
Who Does the Work:		Utility Internal Fo	rces	Utility S	Selects & Pays Contractor						
		Property Owner		Propert	y Owner But Only From Utility List						
	<u>X</u>	Other (Specify):	<u>Develop</u>	er							
Construction Descriptio	n:										
Construction Details: A	re standard	details/specifications	used? Yes	Are ele	ctronic copies available? Yes						
Describe/List Details:	Divisio	on of Sewerage Mana	gement – Standa	ard Detail	21(attached)						

7. Public Education/Information F	rogram						
How is Lateral Program Publicized?		Door hangers	Are electronic copies available?				
		Bill stuffers	Are electronic copies available?				
		Meetings	Are electronic copies available?				
		Brochures	Are electronic copies available?				
			Are electronic copies available?ty owner with CCTV still shot of later cone] problem, provide picture of field red, etc.)	al interior, field			
	X	Other (Specify)	Are electronic copies available?	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 F	Release Form for pre- a	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.							
moratorium lifted, etc.,) Describe res A pilot measurement in a specific m	Creduction reduction to the sults of Legion in the system of the system	on, basement backup re ateral Program on thos m (smaller tributary ar DEC, a summary of th	eduction, service call (roots, etc.,) reduce performance measures: tea within a District) shows I/I remedice house inspection program results a	ial work reduces			
Lessons Learned:							
		4:11 have page to 10.	and the communication of the form	ana Talia Mata			
			out in communicating with homeowne pecially those properties serviced by c				

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)