



OFFICE OF COMMUNITY DEVELOPMENT
TOWN OF BELMONT
19 Moore Street
Homer Municipal Building
Belmont, Massachusetts 02478-0900

Telephone: (617) 993-2650 Fax: (617) 993-2651

Building Division
(617) 993-2664
Engineering Division
(617) 993-2665
Planning Division
(617) 993-2666

February 10, 2010

SEWER WORK NOTICE
Winn's Brook Area Sewer Overflow Mitigation

Dear Winn's Brook Area Property Owner/Resident,

For many years, residents in the Winn's Brook Area have experienced periodic sanitary sewer overflows and backups into the basements of their homes. In August 2009, the Town of Belmont concluded a 2-year study by Fay, Spofford & Thorndike (FST) to evaluate the causes of sewage overflows and recommend alternatives to mitigate future overflows. The Board of Selectmen, at their December 7, 2009 meeting, voted to approve the findings of the study and proceed with the recommended alternative. Through the public bidding process, the Town has contracted Albanese D&S, Inc. to construct sewer overflow mitigation facilities in the Winn's Brook Area. The work will commence this month and is anticipated to take approximately 18 months to complete.

The objective of this project is to mitigate periodic sanitary sewer overflows and backups into homes in the Winn's Brook Area. For the purpose of this project, the Winn's Brook Area is defined as Broad Street, Channing Road, Chilton Street, Cross Street, Dean Street, Eliot Road, Farnham Street, Frost Road, Hoitt Road, Hurley Street, Jason Road, Middlecot Street, Munroe Street, Newcastle Road, Sherman Street, Statler Road, Troy Road, Waterhouse Road, Westlund Road and Winn Street. Most of these streets will have some construction activity, with the heaviest concentrations on Channing, Chilton and Dean. Sewer work is also required on Leonard Street and Alexander Avenue.

Construction will include new sewers, diversion structures and a subterranean pump station located in the cul-de-sac at the end of Channing Road. Upon completion of the project, the Winn's Brook Area will be isolated from the general sewer system during wet weather conditions when the sewage level begins to rise. Once isolated, sewage will be directed to the new pump station and pumped into the general sewer system. During normal dry weather conditions, the sewer system will operate by gravity the same as it does currently. The project also includes an isolated box conduit on Chilton, Dean and Channing Streets that will temporarily store excess flow during large rainfall events.

In the event that sanitary sewer service is interrupted during construction activities, the maximum period of no service shall be 8 hours for any property. Albanese D&S shall contact

each home connected to the sanitary sewer to inform them of the work to be conducted and when the sewer will be off-line. Albanese D&S shall provide written notice to be delivered to each home 24-hours prior to the period of interrupted service.

YOUR HELP IS STILL NEEDED

FST's 2009 study concluded that one of the major causes of overflows is excessive infiltration and inflow (I/I) generated within Belmont. The capacity of the sanitary sewer system is not designed to take groundwater or storm water related flows. If you have a sump pump or foundation drain connected to the sanitary sewer system, you are contributing to the sewer overflow problem. If the groundwater in your basement is being pumped or drained into the sanitary sewer system, you are contributing to the problem. If groundwater is being pumped outside of your house or is going into the storm drain system, then you are doing your part to help alleviate sewer overflows.

Disconnection of I/I sources from the sanitary sewer within the Winn's Brook Area is vital to the success of this project. The capacity of the new Channing Road pump station is limited to ensure sewer overflows are not "pumped" into other low-lying neighborhoods of Belmont. If the pump station capacity is exceeded due to excessive I/I generated from within the Winn's Brook Area, sewage levels will once again rise. If you are not sure if you have an I/I connection, please call Ara Yogurtian at the Office of Community Development at (617) 993-2657 to schedule an inspection.

Thank you for your cooperation and participation in making construction of the Winn's Brook Area Sewer Overflow Mitigation Facilities a success. If you have any questions, please contact Ara Yogurtian at the Office of Community Development at (617) 993-2657. A complete set of construction documents is available for viewing at our office in the Homer Municipal Building.

Sincerely,

OFFICE OF COMMUNITY DEVELOPMENT



Glenn R. Clancy, P.E.
Director