

NOTICE OF PUBLIC HEARING

PLEASE TAKE NOTICE that the Town Board of the Town of Lyons, shall meet at the Town Offices, 43 Phelps Street, Lyons, New York, on the 30th day of November, 2022, at 6:55 P.M., for the purpose of conducting a public hearing on a proposal to establish the water district with the improvements specified below, at which time and place all persons interested in the subject thereof may be heard concerning the same,

WHEREAS, When the Village of Lyons officially dissolved in 2016, The Town of Lyons (“Town”) assumed responsibility for the substantial infrastructure within the former Village (“Former Village”), including a sanitary sewer collection system and Waste Water Treatment Plant (“WWTP”), and

WHEREAS, to remove any ambiguity as to the administrative method of administering the sanitary sewer collection system, the Town Board of the Town of Lyons created the Lyons Town Center Sewer District by resolution dated July 27, 2022, and

WHEREAS, pursuant to § 202-b of the New York Town Law, the Town Board of the Town of Lyons has caused a map and plan of proposed pumping station improvements together with an estimate of the cost to be prepared by a competent engineer duly licensed by the state of New York, a copy of which is on file with the Town Clerk for public inspection, and

WHEREAS, by resolution dated October 26, 2022, the Town Board accepted such map, plan and report for pumping improvements, and

WHEREAS, § 202-b of the New York Town Law provides: When the map and plan and estimate of cost has been completed, the Town Board shall call a public hearing thereon, and cause a notice thereof to be published and posted in the manner prescribed in section one hundred ninety-three. Such notice shall describe in general terms the proposed improvement or the location of the lands to be acquired, shall specify the estimated expense thereof and state the time when and place where the board will meet to hear all persons interested in the subject matter thereof.

Description of the Proposed Improvements:

LEACH RD, WATER ST EAST, WATER ST WEST, & LAYTON ST PUMP STATIONS

Complete electrical component replacement at each station, including new utility meters, disconnects, transfer switches, and pump control panels. The improvements at each station should also include a hydrostatic pressure transducer with redundant backup floats for the operation of the pumping equipment, which will help prevent sanitary sewage overflows in the event of transducer malfunction. Electric component work may include Supervisory Control and Data Acquisition (“SCADA”) equipment at each station. The installation of SCADA equipment will allow communication with the radio receiver at the WWTP, which will allow proper remote monitoring of the stations via smart phones for such operational conditions as pump failure, pump on, pump off, emergency alarm, wet well level, etc.

The Layton Street pump station currently operates on a single-phase electrical connection; the feasibility of a three-phase electric service should be evaluated as part of the Project.

Electrical improvements at the Leach Road pump station were completed in 2021. As such, improvements to the electrical components of the Leach Road station is not included in the Project.

Replacement of the discharge valve pits and all valves, check valves, discharge piping, pumps, and pump guide rails is recommended due to their deteriorated/worn-out condition. The wet wells appear to be in satisfactory structural condition, but require surface preparation and application of an epoxy coating, to prevent further corrosion. New wet well access hatches are also recommended at each station to replace existing hatches that are deteriorated or contain worn out hardware (hinges, locks, open struts, etc.).

FORGHAM ST, LAYTON ST/HERMAN BROTHERS, AND THE N. CANAL ST PUMP STATIONS

Due to the observed poor condition at the Forgham Street, Layton Street/Herman Brothers and North Canal Street pump stations, complete pump station and electrical component replacements, including new utility meters, disconnects, pump control panels, wet wells, pumps, and discharge valves are recommended. Due to relatively low flows, the plans recommend the installation of new duplex grinder pump units, such as the prepackaged duplex pump units that are manufactured by Environmental One Pumps (or an approved equal). These units are factory assembled as a complete integral unit containing two grinder pumps, a wet well, pump on/off/alarm floats, an inlet for the gravity lateral connection, an internal check valve, and a 1-1/4-inch discharge connection. The units operate using a small control panel (approximately 12" by 12" in size), which contains a built-in generator receptacle. Because the recommended grinder pump stations require only single-phase power, there is no need to upgrade the electrical services feeding these locations.

DUNN ROAD PUMP STATION IMPROVEMENTS:

Complete electrical component replacements, including new utility meter, disconnects, transfer switch, and pump control panel. The improvements may also include a hydrostatic pressure transducer with backup floats for operation of the pumping equipment and new SCADA equipment. Replacement of the valves, check valves, discharge and suction piping, and pumps, all of which are in poor condition. The building appears to be in satisfactory condition, but does require minor grout work at the CMU joints and painting. The wet well requires a new hatch. Due to the unusual configuration of this station, the hatch opening is positioned in a vertical configuration, and the opening is presently covered by a piece of plywood. The replacement hatch will need to be shop-fabricated to fit the hatch opening. The existing wet well interior has a bituminous coating on the inner steel wall, which should be cleaned and re-coated.

GENEVA ST, COLE RD, AND ROUTE 31 PUMP STATION IMPROVEMENTS:

Based on the condition assessments completed at the three (3) duplex suction lift wastewater pumping stations located at Geneva St, Cole Rd, and Route 31, partial rehabilitation of these stations has been recommended including electrical component replacements, new utility meters, disconnects, transfer switches, and pump control panels. The improvements at each station may also include a hydrostatic pressure transducer with backup floats for operation of the pumping equipment. Replacement of the SCADA equipment at each station. Rehabilitation work may also include new pumps/motors, and new level controls. In addition, due to the relatively heavy volume of sewage flows conveyed, permanently mounted generators for emergency operation have been recommended.

Estimated Cost of the Improvements:

The Total Estimated Project Cost is \$4,425,000.00.

By Order of the Town Board
of the Town of Lyons, New York

Amy Shaffer, Town Clerk