

APPROVED MINUTES

SARATOGA COUNTY SEWER COMMISSION No. 1
MINUTES OF September 21, 2011
3:00 PM Treatment Plant

COMMISSIONERS PRESENT: Davis, Bold, Crowley, Doyle, Nelson, Ostapczuk, Rinaldi

COMMISSIONERS EXCUSED: Cannon, Loewenstein

ALSO PRESENT: James DiPasquale, Executive Director; Linda MacNeal, Administrative Assistant; Susan Duff, Chief Operator; Jim Bolduc, Assistant Chief Operator; Grant Eaton, Collection System Manager Robert Wilcox, Assistant County Attorney; Mike Relyea, Luther Forest Technology Campus; Stephen Williams, *Daily Gazette*.

PUBLIC COMMENT – None

CHAIRMAN’S COMMENTS – None

APPROVAL OF MINUTES of August 24, 2011. *Commissioner Doyle made the motion to approve the minutes of August 24, 2011. Commissioner Nelson seconded the motion. No discussion; 7Ayes, 0 Nays. The minutes of August 24, 2011 was approved.*

TREATMENT PLANT EXPANSION – Progress update of the construction contracts. Delaware, Jett, Gross, J&K; punch list items are being completed. Gross was here last week and Jett is here today finishing up items.

2012 BUDGET – The budget has been submitted, to date, no information has been forwarded from the County Administrator’s office on the review.

CAPITAL PROJECTS FOR UPGRADES:

2010 CAPITAL PROJECTS

Pipevision – Relining is complete, they are working on site restoration. Commissioner Bold inquired if by-pass pumping was in place during the heavy flows; Director DiPasquale told him the company was at a point where they went off by-pass pumping during that weekend.

CK & Kashmiri Upgrades in the Town of Clifton Park – Carver and Stilsing are the contractors; construction is underway at both stations. The contractors expect that next week Kashmiri pump station will be off by-pass pumping and they will begin setting up for by-pass pumping for CK pump station.

2011 CAPITAL PROJECTS –

Mc Donald Engineering – An update from McDonald Engineering was received on 9/20/11; they are surveying on Routes 4 & 32, processing applications to DOT for soil borings, applying to the Railroad for access through their property to the Plant and communicating with NYS regarding the archeological requirements. On 8/11/11, Doug Cole of McDonald Engineering; Jim DiPasquale, Executive Director; Grant Eaton, Collection System Manager and other personnel, physically walked the area around Saratoga Lake at the identified areas potentially needed to be upgraded. McDonald Engineering is also conducting an internal TV inspection of gravity lines around Saratoga Lake as well as the extension of the trunk sewer from Dunning Street to the Exit 11 bypass and compiling information on the 115 residential grinder pumps that will be raised and waterproofed. A request for a meeting with the Commissioners assigned to this project on 10/26/11 at 1:30 prior to the next Commission meeting was requested and approved. At the 10/26/11 meeting, McDonald Engineering will present a draft project manual and drawings for review.

Saratoga County Sewer District Northern Treatment Plant Project – Delaware Engineering has been gathering flow data related to the project. Delaware has been in contact with Jason Kemper and Troy Hilts at the Saratoga County Planning Department. A review meeting was held on 9/7/11. Delaware is still collecting flow data and operational data for the Saratoga Springs Pump Station.

Incinerator – On 9/5/11 an incident with the incinerator began when the staff experienced problems with igniting the pre-heat, this followed with not being able to fire the incinerator. A call to Chavond Barry resulted with Chris Dowling coming from New Jersey for a field inspection diagnosing a problem with the heat exchanger. Troy Boiler upon accessing the unit verified that the problem was the heat exchanger. Upon inspection of the heat exchanger, it was observed that the top plate and numerous tubes were cracked. In addition, 4 tubes dropped and needed to be repositioned. Troy Boiler has been on-site with around the clock welding the plate and tubes. The welding is expected to be completed this coming weekend with work finished on Monday.

During this time, the sludge has been transported off-site under the emergency sludge disposal bid at a cost of approximately \$3,000 per day. A new heat exchanger is estimated at \$500,000 and requires a 4 to 5 month lead time; it is suggested a new heat exchanger be included with the incinerator upgrade project. The current repair is expected to be completed next week. Preliminary estimates for this repair are; \$10,000 for Engineering and \$55,000 for the contractor, Troy Boiler. *Commissioner Doyle made the motion for declaration of emergency repair of the incinerator and to forward this declaration to the Board of supervisors for their approval and authorization for the Sewer District to spend up to \$65,000 for repairs. Commissioner Ostapczuk seconded the motion. Discussion included technical details for the repairs presented by Commissioner Doyle. The motion passed, recommending the Board of Supervisors recognize the declaration of emergency repair authorizing spending of up to \$65,000 for emergency repairs for the incinerator to minimize the expenses of off-site disposal of sludge; 7 Ayes, 0 Nays.*

Incinerator upgrade – A review meeting for the upgrade was held on 9/7/11. After a physical inspection and testing of the shell of the incinerator, the deterioration of the shell is more than initially expected. The additional repairs and replacement of the heat exchanger were not anticipated for inclusion in the RFP. This will require additional design effort and inspections, increasing the engineering contract for the incinerator upgrade to Delaware Engineering by \$112,000. The engineer will also provide a review of the Sewer District's start up and operational procedures to confirm procedures are appropriate or suggest changes to maximize efficiency of the equipment. *Commissioner Doyle made the motion to increase the Engineering Contract for the incinerator upgrade with Delaware Engineering in the amount of \$112,000. Commissioner Crowley seconded the motion. No discussion. The motion passed to increase the Contract with Delaware Engineering for \$112,000; 7 Ayes, 0 Nays.*

Milton Pump Station Emergency Generator replacement bid – Bid documents have been released. Bids are due on October 12, 2011. Recommendation for awarding a contract will be presented at the Commission meeting in October.

COLLECTION SYSTEM INFORMATION:

GLOBAL FOUNDRIES DISCHARGE PERMIT - Flow data is being received on the District's SCADA system. The ADF for August was 1.5 mgd.

LUTHER FOREST TRUNK SEWER - A flow test of the line is being coordinated to observe the drop manhole that is of concern. A flow of several thousand gallons per minute will be needed to test the line. The Commissioners requested that along with Collection System Manager, Grant Eaton and Commissioner Doyle, a representative of Luther Forest observe the testing of manhole #16 and manhole #6, located at the intersection of Farley Road and NYS Rte. 67 next week. LFTC's Engineer suggested an adjustment to the pipe coming into manhole #16, which will be completed before the testing. Saratoga County Sewer District recommends a watertight manhole cover be installed at manhole #16. Mike Relyea from Luther Forest Technology Campus spoke that all the necessary requirements for dedication of this line is close. Mike Relyea was available for questions from the Commissioners. County Attorney Robert Wilcox is working on the approval of the numerous easements and expects to be completed by the next Commission meeting in October.

STORM FLOWS – Beginning midnight Sunday 8/28/11 as Hurricane Irene passed over the area, the sewer system experienced power outages, spikes and high flows. Saratoga Lake area was attended through 9/13/11 due to flooding. The Sewer District experienced; irregular power supply to various pump stations and the Treatment Plant, grinder pumps under water adjacent to Saratoga Lake, failure of the SCADA system and problems with the repeater on Spruce Mountain. Emergency power was used for 13 hours at the Treatment Plant due to the irregularity of power coming into the Plant causing problems with the equipment. Several Pump Stations in Clifton Park were out of power until Tuesday. Saratoga Lake was at record levels; there were overflows at Saratoga Lake Pump Stations 7 & 8. All situations were reported to NYSDEC. Some grinder pumps were inaccessible for over a week as the power supply was under water; the last 3 grinder pumps became accessible last Wednesday. The peak flow was 50 mgd during the storm period; approximately 12" to 13" of rain were reported during the week and a half period of the two storms; Irene and Lee. No major problems were experienced at the Treatment Plant and the TSS and BOD remained in single digits. Prior to Hurricane Irene, an emergency preparedness plan was put in place; generators were checked, fuel levels topped off and staffing availability was confirmed. Commissioner Doyle mentioned that if the plant upgrade had not been completed, there would probably have been serious consequences especially at the prior capacity level. A FEMA application is being prepared for reimbursement of expenses attributed to the hurricane through Paul Lent, Saratoga County Emergency Services Director.

Chairman Davis made a motion to recognize the Sewer District personnel for their efforts during the emergency situation created by Hurricanes Irene & Lee. Commissioner Doyle seconded the motion. The Commissioners passed the motion; 7 Ayes, 0 Nays.

SEWER UNITS - The property owner has requested acceptance of compiling one (1) year of flow data for the basis of their annual billing at 659 & 661 Plank Road, Town of Clifton Park. Environmental Design Partnership has submitted a plan for installing an hourly meter on the grinder pump. The Scale of Charges requires one year of collected sewer flow data to adjust sewer units; next year the report based on measured flow will be reviewed for billing.

VILLAGE OF BALLSTON SPA – Executive Director, James DiPasquale, received a letter from Mayor John Romano from the Village of Ballston Spa; informing the Sewer District of the Village’s intention to precede with an I & I reduction program for their sewer system. The Village of Ballston Spa expects to undertake system upgrades beginning in 2013.

ATTORNEY REPORT: Attorney Bob Wilcox is working on the proposed easements along Routes 4 and 32; including language suggested by Commissioner Bold.

DEDICATIONS:

Stone Crest Preserve Phase 3 – Town of Halfmoon – Stone Crest Preserve LLC requests dedication of Stone Crest Preserve Phase 3 off Vosburgh and Werner Road including 3,600 feet of 3” low pressure sewer line and 6 manhole structures serving 33 lots on Stone Crest Drive. *Commissioner Bold made the motion to accept dedication of Stone crest Preserve Phase 3, Commissioner Doyle seconded. No discussion. Resolution 08-2011 accepting dedication of Stone Crest Preserve Phase 3 serving 33 lots on Stone Crest Drive consisting of 3,600 feet of 3” low pressure line passed; 7 Ayes, 0 Nays.*

COMMITTEES:

FUTURE PLANT #2 COMMITTEE - Commissioner Crowley will be setting up a meeting in the future.

ENGINEERING COMMITTEE – Commissioner Doyle stated everything of concern has been covered earlier.

SEWER DISTRICT COUNTY WIDE COMMITTEE – Commissioner Nelson- By resolution, the Board of Supervisors have directed SCSD to prepare maps, plans, report and a SEQRA determination. Commissioner Nelson issued a letter on 8/15/11 to municipalities not responding positively with new information on ad valorem not being implemented, with a response date of 9/15/11. Letters went to the Towns of Ballston, Clifton Park, Greenfield, Hadley, Milton Northumberland, Providence and Waterford.

The Towns of Hadley, Milton, Providence and Waterford replied declining inclusion. The Towns of Ballston and Clifton Park did not respond and their boundaries will remain the same. The Towns of Charlton, Corinth, Day, Edinburg, Galway, Greenfield, Moreau, Northumberland, Saratoga and Stillwater have indicated approval of inclusion. A map, plan, report and other required documents will now proceed.

A motion to adjourn the meeting was made by Commissioner Crowley and seconded by Commissioner Doyle. No discussion. The motion passed.

NEXT COMMISSION MEETING
Wednesday, October 26, 2011
3:00 P.M. at the Treatment Plant