

Exhibit VIII.C.17.c – Estimated Fresh Water and Electricity Demand

Submit as Exhibit VIII.C.17.a. studies of independent engineers or other experts reporting projections of estimated fresh water and electricity demand (base and peak-period) and sanitary sewer and storm water discharge, each, for the proposed Gaming Facility. Include in those reports an assessment of the feasibility of any plans to accommodate that demand onsite (e.g. by onsite production of electricity, treatment of fresh or waste water, or detention of storm water).

Description of Water and Sewer Improvements Required to Serve Project

Based on initial discussions with the Town engineering consultant, Hank LaBarba PE, it is anticipated that the Town's existing water and sewer infrastructure will provide adequate capacity for the project, with minor improvements to be sponsored by the project applicant. It is noted that the project site lies within a Generic Environmental Impact Statement (GEIS) study area, and mitigation fees have been established by the town for potential water and sewer impacts. Based upon the GEIS formula, which sets the mitigation fee at \$5,100 per Equivalent Domestic Unit (EDU) and 200 GPD per EDU, the mitigation fee required for this project with an anticipated demand of 65,000 (325 EDU) would be \$1,657,500. The actual mitigation fee would be higher if the required improvements to existing infrastructure exceed that amount, although this is not anticipated. All mitigation fees will be paid by the Applicant, and improvements will be completed as required prior to operation of the casino.

Water Distribution

The project site is located within the Town's General Water District. Water is supplied to this part of the town through a purchase agreement from Troy. A large diameter (36") water main runs south on Route 4 from Troy to the water tanks on the adjacent parcel on Grandview Drive. Water system capacity is reported to be adequate, with a 30" main available at the project frontage. The existing 30" water main will be lowered to accommodate grading of the proposed access drive, which will be the point of connection for the project site.

Sewage Collection and Treatment

The project site is located within the Town's Third Avenue Sewer District. An 8" gravity sewer is available at the project frontage on Thompson Hill Road. It is reputed to be vitrified clay pipe (VCP) installed in the 1970's, and the condition is not known, but it is assumed that there may be some amount of infiltration and inflow (I&I) through the joints. The proposed development will require minor pipe relocations/re-profiling near the proposed site driveway to accommodate access to the site.

There are two wastewater pumping stations between the site and the treatment plant that will be evaluated during site design. The first one is on Third Avenue. A pump upgrade is currently in progress at the Third Avenue pump station which will bring the pumping capacity to 800 GPM. It is anticipated the additional flows from the project may warrant minor modifications. The second pump station is located on Barracks Road. It is a larger station with higher flows. Capacity issues are not anticipated at this pump station; however the need for further evaluation will be reviewed with the town engineer.

The Town is currently in the process of upgrading its wastewater treatment plant (WWTP) as per a NYSDEC consent order to remove the bypass that allows overflows to discharge directly into the Hudson. The WWTP upgrade project also involves increasing the capacity from 2.5 MGD to 4.4 MGD. That work is expected to be completed by the end of 2014, but the modification to the SPDES permit to allow the increased flow capacity may not occur until early 2015. Current flows to the WWTP are 1.7 MGD, and it is anticipated sufficient capacity will exist at the time the project is constructed.



Exhibit VIII.C.17.c – Estimated Fresh Water and Electricity Demand

Submit as Exhibit VIII.C.17.a. studies of independent engineers or other experts reporting projections of estimated fresh water and electricity demand (base and peak- period) and sanitary sewer and storm water discharge, each, for the proposed Gaming Facility. Include in those reports an assessment of the feasibility of any plans to accommodate that demand onsite (e.g. by onsite production of electricity, treatment of fresh or waste water, or detention of storm water).

One other Town business (Regeneron) is reputedly planning an expansion that is projected to add approximately 100,000 GPD to their current water and sewer demand. Mr. LaBarba anticipates that the Town will be able to meet the water and sewer demands of both projects.

Proposed connections to existing water and sewer systems are shown on the Attachment to this Exhibit VIII.C.17.c.

Electric Service

National Grid will provide an express 13.2kV feeder from the Reynolds Road substation, which is about 1 mile from the site, for electrical service to the Project. It was recommended by National Grid that we proceed with a primary service (owner provides and maintains the transformers but the utility rate is lower) where National Grid would connect to a primary meter and breaker at the edge of the site.

National Grid can currently provide 2.5 MW of transformation power. Our estimated loads indicate 3.3 MW demand. As is customary in these conditions, we have had, and will continue to have discussions with National Grid and other utility providers, to coordinate, design and bring the additional secondary service to our site in order to adequately meet our anticipated demands. All efforts in this matter continue in accordance with established regulations.

With a primary service on the express feeder, National Grid can serve the project without any substation upgrades. Currently there is a spare breaker at the Reynolds Road substation that could be used to serve the express feeder and casino.



