

Exhibit X.C.4
Storm Water

Submit as Exhibit X.C.4, a description of plans for management of storm water including any plans to use Institute for Sustainable Infrastructure techniques to minimize impact of storm water and maximize its reuse.

Currently there is a combined sewer system that services the overall Mohawk Harbor site. A combined sewer system accommodates both storm water and sanitary wastes in a common pipe and in normal flow conditions transports those wastes to a sewage treatment plant. There is also an existing connection between the combined sewer system and the College Creek outfall that, in larger storm events, allows discharges directly to the Mohawk River through a combined sewer overflow (CSO). As part of the larger Mohawk Harbor project, there are plans to construct interceptor pipes to separate portions of the combined sewer. These interceptors will convey sewage to the treatment plant and act to remove the CSO discharges to the College Creek and ultimately to the Mohawk River.

In addition, proven green infrastructure practices including hydrodynamic separators will be employed that will be in compliance with the NYSDEC SPDES Permit No. GP-0-10-001. The Stormwater Pollution Prevention Plan (SWPPP) will comply with the latest revision of the New York State Stormwater Management Design Manual.

The hydrodynamic separator is a Low Impact Design (LID) / Green Infrastructure (GI) measure that is accepted by the Institute for Sustainable Infrastructure. These underground structures are designed to remove solids, oil/grease, floatables and other debris from stormwater runoff through gravitational trapping of pollutants.

Upon passing through the green infrastructure practice, the stormwater will then be conveyed via an adequately sized stormwater pipe that discharges into the proposed embayment (harbor) to the northeast of the site. This will assist with flushing the harbor during major storm events.