



# Proposal to Reclaim the Tomkins Cove Quarry

## Plan to Create 199-Acre Nature Area

Hudson River Resources (HRR) proposes to reclaim the Tomkins Cove Quarry (Quarry) to establish a 199-acre nature area and green space (Nature Area) on the banks of the Hudson River in Stony Point, New York. The rock quarry has been excavated to a depth of about 275 feet below the adjacent Hudson River (see recent photo of Quarry, above).

Reclamation of the Quarry would be accomplished by filling the Quarry void with select inert recyclable materials (see a description of Select Recyclable Materials in side bar). This would involve amending the existing Mining Permit issued by the New York State Department of Environmental Conservation (DEC) to change the current reclamation plan (see side bar: Existing Quarry Reclamation Plan).

The project would result in restoration of the property to a configuration similar to the original land topography prior to quarry activity.



**BARGE FACILITY DIAGRAM**

All materials would be imported to the facility by barge using an existing waterfront barge facility. **Recyclable material would not travel to the site by truck or use local roads or highways.** Comprehensive environmental analyses have been performed by HRR and show that the project will not have any adverse impact on the environment and would achieve many important environmental, economic and societal benefits (side bar: Environmental Impact Analysis).



### Existing Quarry Reclamation Plan

Under the existing reclamation plan in the Mining Permit, the public will be permanently prohibited from entering the property. This access prohibition would last in perpetuity and would include a continuous perimeter fence, site security and surveillance over the full 2.7-mile perimeter of the property. The Quarry void will slowly fill with water. With a rock exterior, this deep pool would produce minimal habitat or contribution to regional biodiversity.

### Select Recyclable Materials Used for Quarry Reclamation

Select inert recyclable material used to reclaim the quarry would include uncontaminated concrete, brick and

#### EXCLUDED MATERIALS

- ▶ Hazardous Waste
- ▶ Municipal waste
- ▶ Medical waste
- ▶ Industrial waste
- ▶ Septage
- ▶ Yard waste
- ▶ Liquid waste





**RENDERING OF 199-ACRE NATURE AREA**

Plans developed for reclamation of the Quarry provide strict controls to ensure that all activities are safe and fully protective of neighboring communities and the environment. Many protective measures have been included such as a Community Air Monitoring Plan, establishment of a Health and Safety Plan, and odor and dust controls. These protective measures are outlined in a **Community Protection Statement** established for the project that summarizes approximately 20 protective measures that would be used on the project.

Creation of the Nature Area and green space on the former Tomkins Cove Quarry would include planting native plants, shrubs and trees to establish a rich upland habitat to promote biodiversity, support native and migratory wildlife and compliment the aquatic habitat of the adjacent Hudson River (see rendering of 199-acre Nature Area above). It will also provide a potential opportunity for



**AERIAL VIEW OF TOMKINS COVE QUARRY**

passive open space uses such as environmental education, hiking with scenic vistas of the Hudson River and bird watching. With a final area of 199-acres, this would be the largest new Nature Area established on the Hudson River in many decades. It will share a 0.4-mile border with the Stony Point Battlefield State Park and Historic Site to the south and establish a continuous greenway along the Hudson River. A deed restriction or similar permanent land use control could be recorded to ensure the property is not subject to future uses inconsistent with its use as a Nature Area.

rock, and soil and fill from construction projects and dredge amended and stabilized with cement that meet stringent quality criteria. These select recyclable materials are commonly used throughout New York State and the U.S. for similar land reclamation projects. Quarry Reclamation has long been an important governmental priority in order to improve the value, function and safety when mining is complete. HRR, with its affiliated companies, is New York State's premier land reclamation company and has reclaimed hundreds of acres of land using the same recyclable materials proposed for the Tomkins Cove Quarry. Materials for Quarry Reclamation will be non-hazardous and will meet stringent materials exclusion requirements (see list on opposite side).

### **Environmental Impact Analysis Shows Significant Environmental, Economic and Societal Benefits**

A complete environmental analysis has been performed for governmental review and shows that the Quarry Reclamation will result in significant environmental, economic and societal benefits and improvements, and new public assets and amenities. The project would create approximately 38 high-skill jobs with a preference for local employment. The large Nature Area would provide valuable habitat to support native and migratory wildlife, provide opportunities for environmental education, hiking and bird watching, and greatly improve views from the Hudson River. The Quarry Reclamation will also correct a variety of environmental and societal impacts that would have occurred without the Plan. For instance, barge transportation of recyclable materials for Quarry Reclamation would remove approximately 2.7 million trucks from local and regional roads and highways, reduce truck travel by 170 million miles, greatly reduce combustion of fossil fuels and reduce regional climate change impacts by lowering greenhouse gas emissions during the Quarry Reclamation process.