

Project Name

Franks Creek and Dead Horse Run Relocation/
Restoration

Client

Hurricane Associates, Inc. (NFI Real Estate)

Services Provided

- Subwatershed delineation and analysis
- Design drawings and specifications for restored riparian buffer
- Reception of federal, state, county, local permits
- Contractor bid analysis

Project Description

Frank's Creek, a portion of which is located on 1200 Harrison Avenue, Kearny, is a drainage ditch that has deteriorated severely as a result of development activities elsewhere within the watershed. Prior to the development of the area, this part of Kearny was composed of a low-lying tidal marsh. Fill material was brought in to allow for development of the site and surrounding area. This material, which comprises the shorelines of Frank's Creek, is contaminated with organic compounds such as polynuclear aromatic hydrocarbons. In addition, a major landfill upstream has released organic compounds and metals into the surface water and sediment within Frank's Creek.

Approach

SAI was hired to complete an alternatives analysis (as required by NJDEP) on the restoration and relocation of Frank's Creek along the eastern border of the property. This analysis yielded the best solution for the proposed parking expansion project. The restoration alternative chosen will provide the following benefits:

- mitigate inefficient parking patterns on the property;
- minimize safety issues while tractor trailers cross Harrison Avenue;
- propose a newly restored stream corridor, riparian buffer, wetland habitat associated with Frank's Creek;
- further enhance the Frank's Creek stream corridor within the watershed (as a portion of Frank's Creek has been mitigated directly upstream);
- allow for the USPS to continue providing services to the northeast region;
- allow the USPS to remain as a tenant on the Hurricane Associates property (therefore continuing to contribute to the tax base of the Town of Kearny, which provides a positive economic impact to the region); and



