

Alternatives

Commission Request No. 4:

In Table 10.5.2-2, under the column headed by “Consistency of Dredged Material Quality ...” AES states that the proposed innovative reuse disposal method is “Consistent – material of similar chemical quality has been similarly treated and reused in other states/agency jurisdictions.” Provide examples or case studies of other locations this method of treatment and reuse has been performed and identify the regulatory entities under whose jurisdiction the work was performed.

ALT4 Response:

Various public and private sponsors in the New York/New Jersey Harbor area have completed dredging projects, both maintenance and deepening, with upland disposal/beneficial use of dredged material as a requirement. In fact, over five million cubic yards of dredged sediments from the New York/New Jersey Harbor area have been utilized at upland disposal/beneficial use sites over the past nine years. In the majority of these projects, the sediment exhibited metals, polycyclic aromatic hydrocarbon, or PCB contamination. A list of several of these projects including the upland disposal/beneficial use locations, the project sponsor and the regulatory agency jurisdiction is summarized below:

Project - Volume:	Claremont Channel Deepening Project: 200,000 cy
Sponsor:	Private
Location:	Jersey City, New Jersey
Contaminants of Concern:	PCBs, Inorganics
Beneficial Use/Upland Disposal:	Abandoned Mine Reclamation, Clearfield County, Pennsylvania
Agency Jurisdiction:	New Jersey Department of Environmental Protection (NJDEP) & Pennsylvania Department of Environmental Protection (PADEP)
Project - Volume:	Reaches B, C D Maintenance Dredging: 150,000 cy
Sponsor:	Port Authority of New York and New Jersey (PANYNJ)
Location:	Newark, New Jersey
Contaminants of Concern:	Inorganics, Polycyclic Aromatic Hydrocarbons
Beneficial Use/Upland Disposal:	Abandoned Mine Reclamation, Clearfield County, Pennsylvania Landfill grading & capping, Brooklyn, NY

Agency Jurisdiction: PANYNJ, NJDEP, PADEP & New York State
Department of Environmental Conservation
(NYSDEC)

Project - Volume: Weehawken Ferry Terminal: 120,000 cy
Sponsor: New Jersey Transit
Location: Weehawken, New Jersey
Contaminants of Concern: Inorganics, Polycyclic Aromatic Hydrocarbons
Beneficial Use/Upland Disposal: Brownfields Redevelopment Projects in Jersey City
and Woodbridge Township, NJ
Agency Jurisdiction: NJDEP

Project - Volume: Kill Van Kull Phase II Deepening Project: 600,000
cy
Sponsor: United States Army Corps of Engineers – NY
District
Location: Staten Island, New York
Contaminants of Concern: Inorganics, Polycyclic Aromatic Hydrocarbons
Beneficial Use/Upland Disposal: Landfill Closure Projects in Linden, NJ and
Brooklyn, NY
Agency Jurisdiction: USACE, NJDEP & NYSDEC

Project - Volume: Naval Weapons Station Earle: 55,000 cy
Sponsor: United States Department of the Navy
Location: Sandy Hook, New Jersey
Contaminants of Concern: Inorganics, PCBs, Polycyclic Aromatic
Hydrocarbons
Beneficial Use/Upland Disposal: Landfill Closure Project in Westwood, NJ and
Browfield Redevelopment Project in Jersey City,
NJ
Agency Jurisdiction: USACE, NJDEP & NYSDEC

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