

## Bibliography

---

### PROJECT DESCRIPTION

- ARUP, et. al. "Conceptual Roads Report, Fresh Kills Park, Phase 3A, Task 8.3." Prepared for NYCDPR. 2007.
- ARUP, et. al. "Conceptual Roads Report, Fresh Kills Park." September 6, 2007.
- ARUP, et. al. "Fresh Kills Park Bridge Alternatives Report, Phase 3A Tasks 8.4.3 and 8.4.5." Prepared for NYCDPR. 2007.
- ARUP, et. al. "Fresh Kills Park Conceptual Roads Report." Prepared for NYCDPR. September 6, 2007.
- ARUP, et. al. "Fresh Kills Park Road Alternatives Report." Prepared for NYCDPR. 2008.
- ARUP, et. al. "Fresh Kills Preferred Utility Scenario." 2007.
- City of New York Department of Sanitation (DSNY). "Fresh Kills Landfill Final Closure Plan." June 2003.
- City of New York Department of Sanitation (DSNY). *Fresh Kills Landfill Post-Closure Monitoring and Maintenance Operations Manual*. December 2002.
- Field Operations. "Fresh Kills Park: Lifescape, Staten Island New York, Draft Master Plan." Prepared for the City of New York. March 2006.
- Geosyntec Consultants, Inc. "Draft Fresh Kills Lifescape Park: Stormwater Management Plan." December 2007.
- Geosyntec Consultants, Inc., and Biohabitats, Inc. "Memorandum, Soil Procurement for Fresh Kills Park, Field Operations." Prepared for DPR. 2007.
- Geosyntec Consultants, Inc., and Biohabitats, Inc. "Soil Memorandum #3, Soil Specifications for Fresh Kills Park, Field Operations." Prepared for DPR. 2007.
- New York City Department of City Planning (NYCDCP) and New York City Department of Parks and Recreation (NYCDPR). "Fresh Kills Park Final Scope of Work to Prepare a GEIS." August 2006.
- New York City Department of City Planning (NYCDCP). "Fresh Kills Landfill to Landscape." August 2001.
- New York City Department of Parks and Recreation (NYCDPR). *Owl Hollow Park EAS*. February 2007.
- Weston Solutions of New York, Inc. "Final Facilities Conditions survey Fresh Kills Landfill Plants 1 and 2." Prepared for DSNY. Staten Island, NY. 2007.

## **Fresh Kill Park GEIS**

---

Weston Solutions of New York, Inc. "Fresh Kills Landfill Post Closure Monitoring and Maintenance Operations Manual." Prepared for DSNY. 2002.

### **LAND USE, ZONING, AND PUBLIC POLICY**

AKRF, Inc. *L.A. Fitness EAS*. 2006.

City of New York Department of Sanitation (DSNY). Annual Report. 2005.

New York City Department of City Planning (NYCDCP). "New York City Population Projections by Age/Sex and Borough, 2000-2030." December 2006.

New York City Department of Design and Construction (NYCDDC). Available: [www.nyc.gov/html/ddc/home.html](http://www.nyc.gov/html/ddc/home.html).

New York City Department of Design and Construction (NYCDDC). *Forest Hill Road Widening Draft EAS*. October 2006.

New York City Department of Design and Construction (NYCDDC). *Widening of Victory Boulevard and Travis Avenue EAS*. Project No. HWQP168. June 2006.

New York City Department of Environmental Protection (NYCDEP). Available: [www.nyc.gov/html/dep](http://www.nyc.gov/html/dep).

New York City Department of Parks and Recreation (NYCDPR). "2006 NYC Cycling Map." 2006.

New York City Department of Parks and Recreation (NYCDPR). *Owl Hollow Park EAS*. June 2006.

New York City Department of Transportation (NYCDOT) Region 11. "Southern Staten Island Traffic Study, P.I. N.X096.23, TSM Recommended Intersection Improvements." April 30, 2007.

New York City Department of Transportation (NYCDOT). "Richmondtown Roadway Improvement Project, Final Scoping Memorandum." July 2004.

New York City Department of Transportation (NYCDOT). "West Shore Expressway Access and Safety Improvements Final Expanded Project Proposal." May 2004.

New York City Department of Transportation (NYCDOT). "West Shore Expressway Access Improvement Study." May 2003.

New York City Economic Development Corporation (NYCEDC). Available: [www.nycedc.com](http://www.nycedc.com).

New York City Transit (NYCT). *Charleston Bus Annex EA*. January 2007.

New York State Department of Transportation (NYSDOT). "Korean War Veterans Ramp Terminus" Project P.I.N.X349. February 2004.

New York State Office of the State Comptroller. "Staten Island: Economic Development and the State of the Borough Economy." March 2005.

Staten Island Economic Development Corporation (SIEDC). Available: [www.siedc.net](http://www.siedc.net).

United States Coast Guard. *Goethals Bridge EIS*. Available: [www.goethalseis.com](http://www.goethalseis.com).

## **SOCIOECONOMICS**

Craigslist, Inc. 2008. Accessed January 2007. Available: [Craigslist.org](http://Craigslist.org).

Claritas, Inc. 2006.

New York City Department of Finance RPAD. U.S. Census Bureau. "1990 and 2000 Census, Summary Files 1 and 3." 2006.

State of New York Comptroller. "Staten Island: Economic Development and the State of the Borough Economy." Report 14-2005. March 2005.

Staten Island Live LLC. "SILive: Everything Staten Island." 2008. Accessed January 2007. Available: [SILive.com](http://SILive.com).

## **COMMUNITY FACILITIES**

Gerrish, John P. Personal Communication. NYPD to AKRF. March 29, 2007.

McNally, Patrick. Personal Communication. FDNY to AKRF. January 24, 2007.

## **OPEN SPACE**

United States Census Bureau. "Census of Population and Housing." 2000.

United States Census Bureau. "Census Transportation Planning Package." 2000.

## **SHADOWS**

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

## **HISTORIC RESOURCES**

"Cultural Resources Survey: Arthur Kill, New Jersey Reach." Prepared for U.S. Army Corps of Engineers. 1999.

"Cultural Resources Survey: Kill Van Kull, New York Reach." Prepared for U.S. Army Corps of Engineers. 1999.

"Cultural Resources Survey: New York Harbor Collection and Removal of Drift Project, Arthur Kill, New York Reach." Prepared for U.S. Army Corps of Engineers. 1999.

Ferlazzo, Joe. Personal Communication. DPR. December 2006.

## **URBAN DESIGN AND VISUAL RESOURCES**

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

New York State Department of Environmental Conservation (NYSDEC). State Environmental Quality Review Act (SEQRA).

## **NEIGHBORHOOD CHARACTER**

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

**NATURAL RESOURCES**

- Able, K. W. and M. P. Fahay. *The First Year in the Life of Estuarine Fishes in the Middle Atlantic Bight*. New Brunswick, NJ. Rutgers University Press. 1998.
- Abraham, B.J. "Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates: Mummichog and Striped Killifish." U.S. Fish and Wildlife Service for USACOE Waterways Experiment Station Coastal Ecology Group and the National Coastal Ecosystems Team, Division of Biological Services, U.S. Fish and Wildlife Service. 1985.
- Adams, D.A., J.S. O'Connor, S.B. Weisberg. Final Report: Sediment Quality of the NY/NJ Harbor System: An Investigation under the Regional Environmental Monitoring and Assessment Program (R-EMAP). EPA/902-R-98-001. 1998.
- Ames, P. and G. Mersereau. Some factors in the decline of the osprey in Connecticut. Auk 81: 173-175. 1964.
- Agency for Toxic Substances and Disease Registry (ASTDR). Division of Health Assessment and Consultation. Petitioned Public Health Assessment, Fresh Kills Landfill, Staten Island, Richmond County, New York. May 3, 2000.
- Applied Ecological Services, Inc. (AES). Chapter 2.1.13: "Draft Ecological Restoration and Management Plan for Fresh Kills Landfill." Fresh Kills End Use Master Plan. Prepared for Field Operations. 2004.
- Applied Ecological Services, Inc. (AES). Chapter 2.1.7: "Soil Boring Analysis and Soils Plan, Soils and Ecological Condition of Waste Deposit Areas at Fresh Kills Landfill." Fresh Kills End Use Master Plan. Prepared for Field Operations. 2007.
- Applied Ecological Services, Inc. (AES). Chapter 2.1.8: "Ecological Survey, Ecological Conditions of Natural Areas at Fresh Kills Landfill." Fresh Kills End Use Master Plan. Prepared for Field Operations. 2003.
- ASA Analysis and Communications Inc. (ASA). *1998 Year Class Report for the Hudson River Estuary Monitoring Program*. Prepared for Central Hudson Gas and Electric Corporation. New Hampton, NY. 2001.
- Asplund, T.R. "The Effects of Motorized Watercraft on Aquatic Ecosystems." Wisconsin Department of Natural Resources, Bureau of Integrated Science Services and University of Wisconsin – Madison, Water Chemistry Program. PUBL-SS-948-00. 2000.
- Bain, M., et. al. "Target Ecosystem Characteristics for the Hudson Raritan Estuary: Technical Guidance for Developing a Comprehensive Ecosystem Restoration Plan." Prepared for the Port Authority of NY/NJ. Hudson River Foundation. New York, NY. 2007.
- Bart, D., D. Burdick, R. Chambers, and J.M. Hartman. Human facilitation of *Phragmites australis* invasions in tidal marshes: a review and synthesis. *Wetlands Ecology and management* 14:53-65. 2006.
- Bernick, A. "New York City Audubon's Harbor Herons Project: 2006 Interim Nesting Survey." New York City Audubon. New York, NY. 2006.
- Bernick, A. "New York City Audubon's Harbor Herons Project: 2007 Nesting Survey." New York City Audubon. New York, NY. 2007.

- Bernick, A. Personal communication. February 15, 2007.
- Bigelow, H.B., and W.C. Schroeder. "Fishes of the Gulf of Maine." *Fishery Bulletin of the Fish and Wildlife Service*. Vol. 53. 1953.
- Birtwell, I.K., M.D. Nassichuk, H. Beune, and M. Gang. "Deas Slough, Fraser River Estuary, British Columbia: General Description and Some Aquatic Characteristics." *Can. Fish. Mar. Serv. Man. Rep. No. 1464*. 1987.
- Borough of Richmond Topographical Survey. 1911-1913. Richmond County Topographical Bureau.
- Brooklyn Botanic Garden. 2007. Available: <http://www.bbg.org/sci/>.
- Brosnan, T.M. and M.L. O'Shea. "New York Harbor Water Quality Survey: 1994." New York City Department of Environmental Protection (NYCDEP), Marine Sciences Section. Wards Island, NY. 1995.
- Chevron. 2006. Press Release. Available: <http://www.chevron.com/news/press/2006/2006-02-14.asp>.
- City of New York Department of Sanitation (DSNY). Fresh Kills Landfill DEIS. March, 1996.
- Clarke, D.G., and D.H. Wilber. Assessment of Potential Impacts of Dredging Operations Due to Sediment Resuspension. DOER Technical Notes Collection (ERDC TN-DOER-E9). US Army Engineer Research and Development Center. Vicksburg, MS. 2000.
- Colligan, Mary, NMFS. Correspondence with Michael Clayton, AKRF. January 25, 2007.
- Conant, Roger, and Joseph T. Collins. *A Field Guide to Reptiles and Amphibians of Eastern and Central North America*. 3rd ed. New York. Houghton Mifflin. 1998.
- Dodd, C.K. Effects of habitat fragmentation on a stream dwelling species, the flattened musk turtle *Sternotherus depressus*. *Biological Conservation* 54:33-45. 1990.
- Dolat, S.W. Acoustic measurements during the Baldwin Bridge demolition (final, dated March 4, 1997). Waterford, CT. 34 pp + appendices. Prepared for White Oak Construction by Sonalysts, Inc. 1997.
- Dunford, W.E. "Space and Food Utilization by Salmonids in Marsh Habitats of the Fraser River Estuary." University of British Columbia. 1975.
- EA Engineering, Science, and Technology. "Phase I Feasibility Study of the Aquatic Ecology Along the Hudson River in Manhattan." Final Report. Prepared for New York City Public Development Corporation. Newburgh, NY. 1990.
- EEA, Inc. "Report on Aquatic Studies - Hudson River Center Site." Prepared for the New York City Public Development Corporation. Garden City, NY. 1988.
- Enger, P.S., H.E. Karsen, F.R. Knudsen, and O. Sand. "Detection and Reaction of Fish to Infrasound: Fish Behavior in Relation to Fishing Operations." *ICES Marine Science Symposia* 196:108-112. 1993.
- Evink, G.L. Wildlife Crossings of Florida I-75. *Transportation Research Record* 1279, *Transportation Research Board, National Research Council, Washington, DC pp54-59, 1990.*

## Fresh Kill Park GEIS

---

- Evink, G.L. Interaction Between Roadways and Wildlife Ecology: A Synthesis of Highway Practice. National Cooperative Highway Research Program (NCHRP) Synthesis 305, Transportation Research Board – The National Academies, Washington, DC ([www.TRB.org](http://www.TRB.org)). 2002.
- Fahay, M.P. “Biological and Fisheries Data on the American Eel, *Anguilla Rostrata* (LeSeur).” NTIS PB-297 067. National Marine Fisheries Service Technical Series Report No. 17. 1978.
- Fahrig, L. and G. Merriam. Conservation of fragmented populations. *Conservation Biology* 8(1):50-59. 1994.
- Fay, C.W., R. Neves, and G.B. Pardue. “Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (mid-Atlantic): Striped Bass.” Study conducted by the Virginia Polytechnic Institute and State University Department of Fisheries and Wildlife Sciences for the Division of Biological Services, U.S. Fish and Wildlife Service, United States Fish and Wildlife Service (FWS)/OBS-82/11.8. USACOE, TR EL-82-4. 1983.
- Federal Emergency Management Agency (FEMA). “Flood Insurance Study, City of New York, New York, Bronx County, Richmond County, New York County, Queens County, and Kings County.” Flood Insurance Study Number 360497V000A. September 5, 2007.
- Feinberg, J.A. and R.L. Burke. “Nesting Ecology and Predation of Diamondback Terrapins, *Malaclemys Terrapin*, at Gateway National Recreation Area, New York.” *Journal of Herpetology*. 37:517-526. 2003.
- Field Operations. Fresh Kills Park Draft Master Plan. Prepared for the City of New York and DCP. 2006.
- Garrison, Lisa. New York City Environmental Fund. Personal Communication with Andrew Bernick (AKRF). Staten Island, NY. January 8, 2008.
- Gibbs, J.P. Importance of small wetlands for the persistence of local populations of wetland-associated animals. *Wetlands* 13(1):25-31. 1993.
- Gregory, R.S. “Effects of Turbidity on Benthic Foraging and Predation Risk in Juvenile Chinook Salmon.” *Effects of Dredging on Anadromous Pacific Coast Fishes*. C.A. Simenstad, ed. Washington Sea Grant. Seattle, WA. 1988. pp. 64-73.
- Grimes, B.H., M.T. Huish, J.H. Kerby, and D. Moran. “Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (mid-Atlantic): Summer and Winter Flounder.” U.S. Fish and Wildlife Service Biological Report 82 (11.112). USACOE, TR EL-82-4. 1989.
- Gucinski, H. “Sediment Suspension and Resuspension From Small-Craft Induced Turbulence.” Chesapeake Bay Program. U.S. Environmental Protection Agency. Annapolis, MD. 1981.
- Gullen, P.J. and P.S. Cranston. *The Insects: An Outline in Entomology*. 3rd ed. Blackwell Science. Oxford, UK. 2005.
- Hanson, J., M. Helvey, and R. Strach, eds. “Non-Fishing Impacts to Essential Fish Habitat and Recommended Conservation Measures.” National Marine Fisheries Service (NOAA Fisheries). Alaska Region, Northwest Region, Southwest Region. 2003.

- Hartzel, R.M. Letter to Justine Kwiatkowski. Geosyntec Consultants Inc. October 3, 2007.
- Havera, S., L. Boens, M. Georgi, and R. Shealy. Human disturbance of waterfowl on Keokuk Pool, Mississippi River. Wildlife Society Bulletin 20:290-298. 1992.
- Hazen and Sawyer, Inc. "Additional Biologic and Toxics Information." Newtown Creek Water Pollution Control Plant. Revised application for modification of the requirements of secondary treatment under Section 301(h) of PL 97-117. Prepared for City of New York Department of Environmental Protection (NYCDEP). 1983.
- Health Council of the Netherlands. "Impact of Outdoor Lighting On Man and Nature." The Hague. Pub. # 2000/25E. 2000.
- Heimbuch, D., et. al. "Distribution Patterns of Eight Key Species of Hudson River Fish." Coastal Environmental Services, Inc. Linthicum, MD. Prepared for the Hudson River Foundation. New York, NY. 1994.
- Hennessey, M.K. "Insect Type Specimens in the Staten Island Institute of Arts and Sciences, New York." *The Florida Entomologist* 73. 1990: 465-476.
- HEP. "List of Priority Acquisition and Restoration Sites in NY-NJ Harbor." Available: <http://www.seagrant.sunysb.edu/hep/>. 2007.
- Houde, E.D., and C.E. Zastrow. "Bay Anchovy." *Habitat Requirements for Chesapeake Bay Living Resources*. 2nd ed. S. L. Funderburk, et. al., eds. Living Resources Subcommittee, Chesapeake Bay Program, Annapolis, MD. 1991.
- Illuminating Engineering Society of North America (IESNA). "Lighting Applications for Exterior Environments." RP-33-99. Transactions of the IESNA. New York, NY. 1999.
- International Technology Corporation, Inc. (IT, Inc). "Final Surface Water and Sediment Report, Volume 1, Fresh Kills Leachate Mitigation System Project." Prepared for City of New York Department of Sanitation (DSNY). Case No. D2-9001-89-03, Appendix A-7. 1993.
- Isachsen, Y.W., et. al., eds. *Geology of New York: A Simplified Account*, 2nd ed. New York State Museum. Albany, NY. 2000.
- Johnson, E. and R. Matarazzo. "William T. Davis Refuge – Final Report." NYC Environmental Fund. New York, NY. 2006.
- Kaluarachchi, I.D., et. al. "Estimating the Volume and Salt Fluxes Through the Arthur Kill and the Kill Van Kull." *World Water & Environmental Resources Congress*. 2003.
- Kahl, R. Boating disturbance of canvasbacks during migration at Lake Poyhan, Wisconsin. Wildlife Society Bulletin 19:242-248. 1991.
- Kane, Richard, Paul Kerlinger, and Richard Radis. "Birds of the Arthur Kill Tributaries." *Records of New Jersey Birds*. Summer 1991, Volume XVII, No. 2. 1991.
- Kerlinger, Paul. "New York City Audubon Society Harbor Ecosystem Study: Autumn Migration of Birds on Three Islands in Arthur Kill and Kill Van Kull." A Report to the NYC Audubon Society. New York, NY. 1996.
- Kerlinger, Paul. "NYC Audubon's Harbor Herons Project: 2004 Nesting Survey." Unpublished Report to NYC Audubon. New York, NY. 2004.

## Fresh Kill Park GEIS

---

- Kleine, R. "The Effects of Marinas and Boating Activity Upon Tidal Waterways." Community and Environmental Defense Services. Owings Mills, MD. 1997.
- Knight, R. and K. Gutzwiller. *Wildlife and recreationists: Coexistence through management and research*. Island Press, Washington, D.C. 389pp. 1995.
- Knudsen, F.R., et. al. "Infrasound Produces Flight and Avoidance Responses in Pacific Juvenile Salmonids." *Journal of Fish Biology* 51. 1997: 824-829.
- Kunz, Thomas H., et. al. "Assessing Impacts of Wind-Energy Development on Nocturnally Active Birds and Bats: A Guidance Document." *Journal of Wildlife Management* 71(8). 2007: 2449-2486.
- Kunz, Thomas H., et. al. "Assessing Impacts of Wind-Energy Development on Bats: Questions, Research Needs, and Hypotheses." *Frontiers in Ecology and the Environment* 5. 2007: 315-324.
- LaSalle, M.W., et. al. "A Framework for Assessing the Need for Seasonal Restrictions on Dredging and Disposal Operations." Department of the Army, Environmental Laboratory, Waterways Experiment Station, Corps of Engineers, Vicksburg, Mississippi. 1991.
- Lawler, Matusky and Skelly Engineers LLP (LMS). "Biological Survey of Newark Bay Shoal Areas and Adjacent Kill Van Kull and Arthur Kill Channels." Prepared for the Port Authority of New York and New Jersey. 1996.
- Lawler, Matusky, and Skelly Engineers LLP (LMS). "Report & Photographic Documentation for the Battery Park City Underwater Recolonization Study." Prepared for the New York State Department of Transportation and Parsons, Brinkerhoff, Quade and Douglas. 1980.
- Lawler, Matusky, and Skelly Engineers LLP (LMS). "Westway Mitigation Studies: Phase II - Summer 1983 Data Report." Prepared for New York State Department of Transportation (NYSDOT). 1984.
- Leeson, B. *Highway Conflicts and Resolutions in Banff National Park, Alberta. Trends in Addressing Transportation Related Wildlife Mortality: Proceedings of the Transportation Related Wildlife Mortality Seminar. FL-ER-58-96, Florida Department of Transportation, Tallahassee pp:91-96. 1996.*
- Levy, D.A., and T.G. Northcote. "Juvenile Salmon Residency in a Marsh Area of the Fraser River Estuary." *Canadian Journal of Fisheries and Aquatic Sciences* 39. 1982: 270-276.
- Litten, S and B. Fowler. "Toxic Chemicals in New York Harbor and Vicinity - Sources and Ambient Concentrations of Dioxins and PCBs From Large Volume Water Column Sampling." Contaminant Assessment and Reduction Project (CARP). Available: <http://www.dec.state.ny.us/website/dow/organicposter.pdf>. 1999.
- Lively, J.S., Z. Kauffman, and E.J. Carpenter. "Phytoplankton Ecology of a Barrier Island Estuary: Great South Bay, New York." *Estuarine, Coastal and Shelf Science* 16. 1983: 51-68.
- Longcore, T. and C. Rich. "Ecological Light Pollution." *Frontiers in Ecology and the Environment* 2(4). 2004: 191-198.



- Lonsdale, D.J. and E.M. Cosper. "Phytoplankton Productivity and Zooplankton Feeding and Productivity in the Lower Hudson River Estuary." Marine Sciences Research Center, SUNY. Final report to the Hudson River Foundation. New York. April 1994.
- Lynch, R.T. "Fresh Kills Landfill Site Assessment With Practical Parkland Management Opportunities." Unpublished report. Sweetbay Magnolia Conservancy. Staten Island, NY. 2007.
- Malone, T.C. "Environmental Regulation of Phytoplankton Productivity in the Lower Hudson River." *Estuarine and Coastal Marine Science* 5. 1977: 157-171.
- Maxus Corporation. "Passaic River Sediment Study." USEPA Office of Science and Technology, Standards and Health Protection Division. *National Sediment Quality Survey Database – 1980 to 1999*. MS Access 97 Database Files. CD-ROM. 1991.
- McHugh, J.L. "Estuarine Nekton in Estuaries." AAAS. G.H. Lauff, ed. Washington. 1967. pp.581-620.
- National Audubon Society (NAS). "National Audubon Society Christmas Bird Counts." Staten Island, NY. 2001-2006. Accessed July 15, 2007. Available: <http://www.audubon.org/bird/cbc/hr/index.html>.
- National Marine Fisheries Service (NMFS). "Biological Opinion for the San Francisco-Oakland Bay Bridge East Span Seismic Safety Project." Santa Rosa, CA: Southwest Region. Admin Rec. 151422SWR02SR6292. 2001.
- National Oceanic and Atmospheric Administration (NOAA), Office of Coastal Zone Management. "Coastal Facility Guidelines." U.S. Department of Commerce, NOAA, Washington, DC. 1976.
- New Jersey Department of Environmental Protection (NJDEP). "Inventory of the Fishery Resources of the Hudson River from Bayonne to Piermont." Division of Fish, Game, and Wildlife, Marine Fisheries Administration, Nacote Creek Research Station. 1984.
- New York City Department of Design and Construction (DDC) and Design Trust for Public Space. "High Performance Infrastructure Guidelines: Best Practices for the Public Right-of-Way." New York. 2005.
- New York City Department of Environmental Protection (NYCDEP). "New York Harbor Water Quality Survey Report for 2000." 2001.
- New York City Department of Environmental Protection (NYCDEP). "New York Harbor Water Quality Survey Report for 2001." 2002.
- New York City Department of Environmental Protection (NYCDEP). "New York Harbor Water Quality Survey Report for 2002." 2003.
- New York City Department of Environmental Protection (NYCDEP). "New York Harbor Water Quality Survey Data for 1999-2003." 2004.
- New York City Department of Environmental Protection (NYCDEP). "New York Harbor Water Quality Survey Report for 2006." 2006.
- New York City Department of Parks and Recreation (DPR). 2007. Available: <http://www.nycgovparks.org>.

## Fresh Kill Park GEIS

---

- New York City Department of Parks and Recreation (DPR). *Owl Hollow Park Environmental Assessment Statement*. CEQR No. 06DPR003R. 2007.
- New York State Department of Environmental Conservation (NYSDEC). "Water Quality Report." The Fresh Kills Estuary, Division of Water, Bureau of Monitoring and Assessment. 1991.
- New York State Department of Environmental Conservation (NYSDEC). "New York State Breeding Bird Atlas (2000-2005)." 2007. Accessed August 1, 2007. Available: <http://www.dec.ny.gov/animals/7312.html>.
- New York State Department of Environmental Conservation. (NYSDEC). New York State Herp Atlas Project. 2007. Accessed August 8, 2007. Available: <http://www.dec.ny.gov/animals/7140.html>.
- New York State Department of Health (NYSDOH). "2007-2008 Health Advisories: Chemicals in Sportfish and Game." 2007.
- New York State Department of State (NYSDOS). "Significant Coastal Fish and Wildlife Habitats Program." Division of Coastal Resources and Waterfront Revitalization. Albany, NY. 1992.
- New York/New Jersey Harbor Estuary Program (HEP) Habitat Workgroup. "Status Report: A Regional Model for Estuary and Multiple Watershed Management." HEP and the City of New York/Parks and Recreation, Natural Resources Group. New York, NY. 2001.
- Nightingale, B., and C.A. Simenstad. "Dredging Activities: Marine Issues. White Paper, Research Project T1803, Task 35." Prepared by the Washington State Transportation Center (TRAC), University of Washington for Washington State Transportation Commission, Department of Transportation and in cooperation with the US Department of Transportation, Federal Highway Administration. 2001.
- Parsons, K.C. "Urban Wading Bird Colonies and Contamination: Colonies and Contamination in New York Harbor." *Birds of the Hudson River Estuary Proceedings*. W. Dey, ed. Hudson River Environmental Society. Altamont, NY. 2004.
- Pereira, J.J., et. al. "Essential Fish Habitat Source Document: Winter Flounder, *Pseudopleuronectes americanus*, Life History and Habitat Characteristics." National Marine Fisheries Service. NOAA Technical Memorandum. NMFS-NE 138. 1999. Available: <http://www.nefsc.nmfs.gov/nefsc/habitat/efh/>.
- Perlmutter, A. "Ecological Studies Related to the Proposed Increase in Generating Capacity at the Astoria Power Station of Consolidated Edison." Prepared for Consolidated Edison Company of New York, Inc. 1971.
- Peteet, D.M., et. al. "Hudson River Paleocology from Marshes: Environmental Change and its Implications for Fisheries." *Hudson River Fishes and Their Environment*. A.F.S. Symposium 51. J.R. Waldman, K.E. Limburg, and D. Strayer, eds. 2007. pp. 112-128.
- Peterson, Roger T. "Eastern Birds." *Peterson Field Guides*. 1980.
- Princeton Aqua Science. "Fall Survey of the Fauna of Harsimus Cove." Submitted to Dresdner Associates. Jersey City, NJ. 1985.

- Princeton Aqua Science. "Winter Survey of the Fauna of Harsimus Cove." Submitted to Dresdner Associates. Jersey City, NJ. 1985.
- Rogers, P.H., and M. Cox. "Underwater Sound As A Biological Stimulus." *Sensory Biology of Aquatic Animals*. J. Atema, et. al., eds. New York. 1988. pp. 131-149.
- Rogers, W.B., et. al. "New York State Geological Highway Map, Educational Leaflet 33." New York State Museum. Albany, NY. 1990.
- Rusanowsky, Diane, NMFS. Correspondence with Michael Clayton, AKRF. February 9, 2007.
- Sand, O., et. al. "Avoidance Responses to Infrasound in Downstream Migrating European Silver Eels, *Anguilla*." *Environmental Biology of Fishes* 57. 2000: 327-336.
- SCS Engineers, Inc. "Preliminary Fresh Kills Landfill Conceptual Design Report, Subtask 3.2, Mapping and Assessment of Natural Areas." 1990.
- Seoane, Tara, NYSDEC. Correspondence with Michael Clayton, AKRF. February 8, 2007.
- Shaffer, M.L. Minimum population sizes for species conservation. *BioScience* 31(2):131-134. 1981.
- Shaw Environmental, Inc. "Fresh Kills Landfill – 2004 Annual Surface Water and Sediment Monitoring Report." Document Number 529363-04990. Submitted to NYSDEC under the direction of DSNY. 2005.
- Shaw Environmental, Inc. "Fresh Kills Landfill – 2006 Annual Groundwater Monitoring Report." Document Number 529363-05168. Submitted to NYSDEC under the direction of DSNY. 2007.
- Shaw Environmental, Inc. "Fresh Kills Landfill – 2006 Annual Surface Water and Sediment Monitoring Report." Document Number 529363-05167. Submitted to NYSDEC under the direction of DSNY. 2007.
- Staten Island Greenbelt. 2007. Accessed July 15, 2007. Available: [www.sigreenbelt.org](http://www.sigreenbelt.org).
- Stepien, J.C., T.C. Malone, and M.B. Chervin. "Copepod Communities in the Estuary and Coastal Plume of the Hudson River." *Estuarine, Coastal and Shelf Science* 13. 1981: 185-194.
- Swan, L.A., and C.S. Papp. *The Common Insects of North America*. Harper & Row. New York, NY. 1972.
- Tipton, Ronald C. *Distributional Ecology of Bay Anchovy (*Anchoa mitchilli*) in the Hudson River Estuary*. Dissertation, West Virginia University. 2003.
- Tuite, C., M. Owen, and D. Paynter. Interaction between wildfowl and recreation at Llangorse Lake and Talybont Reservoir, South Wales. *Wildfowl*. 34:48-63. 1983.
- United States Army Corps of Engineers – New York District (USACOE). "New York and New Jersey Harbor Navigation Study: Baseline Biological Reconnaissance Survey." 1999.
- United States Army Corps of Engineers (USACOE) and U.S. Department of Transportation, Federal Highway Administration Region I (USDOT). *Final Supplemental Environmental Impact Statement: Westway Highway Project*. Volume II, Fisheries Portion. 1984.

## **Fresh Kill Park GEIS**

---

- United States Army Corps of Engineers (USACOE). "New York and New Jersey Harbor Navigation Study." DEIS. 1999.
- United States Army Corps of Engineers (USACOE). 2004. Arthur Kill/Kill Van Kull Study Area Report, Hudson-Raritan Estuary Environmental Restoration Feasibility Study.
- United States Army Corps of Engineers (USACOE). *Cumulative Impacts of Recreational Boating on the Fox River-Chain O'Lakes in Lake and McHenry Counties, Ill: Final Environmental Impact Statement*. Environmental and Social Analysis Branch, U.S. Army Corps of Engineers. Chicago, IL. 1994.
- United States Department of Agriculture – Animal and Plant Health Inspection Service (USDA-APHIS). *Asian Longhorned Beetle Cooperative Eradication Program in the New York Metropolitan Area, Environmental Assessment*. 2007.
- United States Fish and Wildlife Service (USFWS). "Significant Habitats and Habitat Complexes of the New York Bight Watershed." 1997.
- United States Fish and Wildlife Service. "Environmental Requirements of Coastal Fishes and Invertebrates." Prepared for USACOE Waterways Experiment Station Coastal Ecology Group and the National Coastal Ecosystems Team, Division of Biological Services.
- Virginia Polytechnic Institute and State University Department of Fisheries and Wildlife Sciences for the Division of Biological Services, U.S. Fish and Wildlife Service, United States Fish and Wildlife Service (FWS)/OBS-82/11.8. "Requirements of Coastal Fishes and Invertebrates (mid-Atlantic): Striped Bass." USACOE, TR EL-82-4.
- Whitaker, John O. *The Audubon Society Field Guide to North American Mammals*. Knopf. New York, NY. 1993.

## **HAZARDOUS MATERIALS**

- AKRF, Inc. *Preliminary Draft Phase IA Archaeological Documentary Study, Fresh Kills Park*. Prepared for the New York City Department of City Planning (NYCDPC) and the New York City Department of Parks and Recreation (NYCDPR). February 2007.
- City of New York Department of Sanitation (DSNY), *Fresh Kills Landfill Draft Environmental Impact Statement*. CEQR No. 95DOS001R. March 15, 1996.
- Field Operations. "2.1.7 Soil Boring Analysis and Soils Plan, Soils and Ecological Condition of Waste Deposit Areas at Fresh Kills Landfill." December 24, 2003.
- New York City Department of Parks and Recreation (NYCDPR). *Site Investigation Report for Owl Hollow Soccer Fields Site, Arthur Kill Road Between Arden Avenue and Muldoon Avenue*. June 7, 2007.
- Sanborn Map Company. *Sanborn Fire Insurance Maps*. 1917, 1937-1938, 1951, 1962, 1983, and 1990.
- SCS Engineers. *Preliminary Fresh Kills Landfill Conceptual Design Report*. Subtask 3.2, Mapping and Assessment of Natural Areas. Prepared for the New York City Department of Sanitation (DSNY). April 11, 1990.
- Shaw Environmental, Inc. *2006 Annual Groundwater Monitoring Report, Fresh Kills Landfill*. New York. September 20, 2007.

Toxics Targeting, Inc. *Environmental Report, Fresh Kills Park – Sections 1-3, Staten Island, New York*. 2007.

United States Geological Survey. “Topographic Map.” Arthur Kill Quadrangle, Staten Island Quadrangle, Passaic Quadrangle. 1891-1981.

Weston Solutions of New York, Inc. *Final Facilities Condition Survey, Fresh Kills Landfill*. Staten Island, NY. January 2007.

### **INFRASTRUCTURE**

AKRF, Inc. *Brooklyn Bridge Park FEIS*. December, 2005.

Geosyntec Consultants, Inc. “Fresh Kills Park: Storm Water Management Plan.” February 2008.

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

### **SOLID WASTE AND SANITATION SERVICES**

New York City Department of City Planning. *Brooklyn Bridge Park Final Environmental Impact Statement (FEIS)*, prepared by AKRF, Inc. (December 2005).

New York City Department of Sanitation (DSNY). Available:  
<http://www.nyc.gov/html/dos/html/dosfact.html>.

New York City Department of Sanitation (DSNY). *Comprehensive Waste Management Plan for New York City* (2006), available: <http://www.nyc.gov/html/dsny/html/swmp/swmp-4oct.shtml>.

New York City Department of Sanitation (DSNY). *Fresh Kills Landfill Post-Closure Monitoring and Maintenance Operations Manual*. December 2002.

New York City Department of Sanitation (DSNY). *Lead Agency Findings Statement for Proposed New York City Comprehensive Solid Waste Management Plan* (2006), available at <http://www.nyc.gov/html/dsny/downloads/pdf/swmp/swmp/swmpweb.pdf>.

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

### **ENERGY**

Keyspan Energy. Accessed February 23, 2006. Available:  
[http://www.keyspanenergy.com/corpinfo/about/facts\\_all.jsp](http://www.keyspanenergy.com/corpinfo/about/facts_all.jsp).

New York Independent System Operator (NYISO). *2005 Load & Capacity Data*. 2006. Accessed February 23, 2006. Available:  
[www.nyiso.com/public/webdocs/services/planning/planning\\_data\\_reference\\_documents/2005\\_GoldBook\\_Redact.pdf](http://www.nyiso.com/public/webdocs/services/planning/planning_data_reference_documents/2005_GoldBook_Redact.pdf).

New York Independent System Operator (NYISO). *Locational Installed Capacity Requirements Study*. 2005-2006.

### **TRAFFIC AND PARKING**

Transportation Research Board. *Highway Capacity Manual*. 2000.

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

**TRANSIT AND PEDESTRIANS**

New York City Transit (NYCT). *Staten Island Bus Map*. 2007.

**NOISE**

Bolt, Beranek and Newman, Inc. *Fundamentals and Abatement of Highway Traffic Noise*. Report No. PB-222-703. Prepared for Federal Highway Administration. June 1973.

Cowan, James P. *Handbook of Environmental Acoustics*. Van Nostrand Reinhold. New York, NY. 1994.

Egan, M. David. *Architectural Acoustics*. McGraw-Hill. New York, NY. 1988.

New York State Legislature. "Administrative Code of the City of New York, Section §24-232." Amended December 2005.

**PUBLIC HEALTH**

IT Corporation. "Fresh Kills Landfill Final Surface Water Sediment Report." 1993.

LiRo Engineers, Inc. *Site Investigation Report for Owl Hollow Soccer Fields Site*. July 7, 2007.

New Jersey Department of Environmental Protection (NJDEP). "State Ambient Air Quality Reports, 2000 through 2005." 2007.

New York City Department of Environmental Protection (NYCDEP). "Bureau of Environmental Compliance, Industrial Source Air Permits Database." Permit Numbers PB029502 (Arden Heights Cleaners) and PB040802 (Silver Hanger Cleaners). 2007.

New York City Department of Sanitation (DSNY). "Fresh Kills Landfill, Staten Island, New York, Landfill Gas Flares NYSDEC Air Permit Application." April 1997. Revised September 1999.

New York City Department of Sanitation (DSNY). *Fresh Kills Landfill DEIS*. CEQR Number 95DOS001R. March 15, 1996.

New York City Department of Sanitation (DSNY). "New York State Department of Environmental Conservation Division of Air Resources, 2006 Emissions Statement." 2006.

New York City Department of Sanitation (DSNY). "Title V Facility Permit Renewal Application Submittal (and Revisions)." January 2005.

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

New York State Department of Environmental Conservation (NYSDEC). "Air State Facility Permit (Staten Island Transfer Station)." Permit ID 2-6403-00141/00003. January 24, 2003.

New York State Department of Environmental Conservation (NYSDEC). "An Assessment of Methane and Toxic Compounds over the Fresh Kills Landfill and Surrounding Areas of New York City: A Pilot Study." Division of Air Resources. August 6, 2004.

New York State Department of Environmental Conservation (NYSDEC). "Air Title V Permit (Fresh Kills Landfill)." Permit ID 2-6499-00029/00151. August 16, 2006.

- New York State Department of Environmental Conservation (NYSDEC). "2006 Air Emissions Statement (Fresh Kills Landfill)." DEC ID 2649900029. April 12, 2007.
- New York State Department of Environmental Conservation (NYSDEC). "DAR-1, NYSDEC Guidelines for the Control of Toxic Ambient Air Contaminants, AGC/SGC Tables." Division of Air Resources. September 10, 2007.
- New York State Department of Environmental Conservation (NYSDEC). "Fresh Kills East (Site #7097-19) Monitoring Station, annual VOC data for years 2002 to 2003." and "Fresh Kills West (Site #7097-17) Monitoring Station, annual VOC data for years 1999 to 2003." 2007. Available: [www.dec.ny.gov/chemical/23778.html](http://www.dec.ny.gov/chemical/23778.html).
- New York State Department of Environmental Conservation (NYSDEC). Prepared for the City of New York Department of Sanitation. "Fresh Kills Leachate Mitigation System Project. Final Surface Water and Sediment Report." Volume I, December 23, 1993, Document No. 529363-01836.
- New York State Department of Environmental Conservation (NYSDEC). "State Ambient Air Quality Reports, 2000 through 2005." 2007.
- New York State Department of Environmental Conservation (NYSDEC). "An Assessment of Methane and Toxic Compounds over the Fresh Kills Landfill and Surrounding Areas of New York City: A Pilot Study." August 6, 2004.
- New York State Department of Environmental Conservation (NYSDEC). "An Assessment of Methane and Toxic Compounds over the Fresh Kills Landfill and Surrounding Areas of New York City: A Pilot Study." August 6, 2004.
- Paulus, Sokolowski and Sartor Engineering, PC. "Landfill Gas Flares Air Permit Application." Volume 1, December 1997.
- Petition Response Section, Agency for Toxic Substances and Disease Registry. *Petitioned Public Health Assessment, Fresh Kills Landfill, State Island, Richmond County, New York*, EPA Facility ID: NYD980506943. May 3, 2000.
- SCS Engineers. "Subtask 3.2, Mapping and Assessment of Natural Areas." *Preliminary Fresh Kills Landfill Conceptual Design Report*. April 1990.
- SCS Engineers. "Overview of Proposed Clean Air Act New Source Performance Standards for Landfills and their Impact at Fresh Kills Landfill Task 32.12." September 1992.
- The Shaw Group, Inc. "Fresh Kills Landfill 2004 Annual Surface Water and Sediment Monitoring Report, Environmental Monitoring Program." April 6, 2005.
- The Shaw Group, Inc. "Fresh Kills Landfill 2005 Annual Groundwater Monitoring Report." 2005.
- The Shaw Group, Inc. "Fresh Kills Landfill 2006 Annual Groundwater Monitoring Report, Environmental Monitoring Program." September 6, 2007.
- The Shaw Group, Inc. "Fresh Kills Landfill 2006 Annual Surface Water and Sediment Monitoring Report." April 18, 2007.
- The Shaw Group, Inc. "Fresh Kills Landfill Gas Migration Monitoring, 4th Quarter." October 29, 2007.

## **Fresh Kill Park GEIS**

---

The Shaw Group, Inc. “Post-Closure Monitoring and Maintenance Operations. Fall Inspection Report—Sections 2/8 and 3/4” March 28, 2006.

The Shaw Group, Inc. “Semi-Annual Compliance Report Landfill Gas Collection and Control Systems, Section 2/8 April 1, 2007–September 30, 2007.” Prepared for DSNY. October 30, 2007.

The Shaw Group, Inc. “Semi-Annual Compliance Report Landfill Gas Collection and Control Systems, Section 3/4 April 1, 2007–September 30, 2007.” Prepared for DSNY. October 30, 2007.

The Shaw Group, Inc. “Semi-Annual Compliance Report Landfill Gas Collection and Control Systems, Section 3/4 and Section 2/8.” Prepared for DSNY. October 30, 2007.

Weston Solutions of New York, Inc. “The Final Facilities Condition Survey Reports for Fresh Kills Landfill Plants 1 and 2.” February 2007.

### **MITIGATION**

Biohabitats, Inc. “Potential Wetland Impacts and Mitigation for the 2016 and 2036 Analysis Years.” February 2007.

New York City Environmental Quality Review (CEQR). *CEQR Technical Manual*. 2001.

New York Natural Heritage Program. “New York Rare Animal Status List: May 2007.” Available: [http://www.dec.ny.gov/docs/wildlife\\_pdf/2007\\_animal\\_list.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/2007_animal_list.pdf).

New York State Department of Environmental Conservation (NYSDEC). *Guidelines for Conducting Bird and Bat Studies at Commercial Wind Energy Projects*. December 2007.

New York State Department of Environmental Conservation (NYSDEC). *New York Standards and Specifications for Erosion and Sediment Control*. 2001.

New York State Department of Environmental Conservation (NYSDEC). *New York State Stormwater Management Design Manual*. 2001.

### **ENVIRONMENTAL JUSTICE**

New York State Department of Environmental Conservation (NYSDEC). *Commissioner’s Policy (CP)-29 Environmental Justice and Permitting*. March 19, 2003.

United States Census Bureau. *2000 Census*. 2000.

United States Department of Housing and Urban Development (USHUD). Executive Order 12898. *Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations*. February 11, 1994. \*