

**NEW YORK CITY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**ENVIRONMENTAL ASSESSMENT STATEMENT**

**GOWANUS FACILITIES UPGRADE**

**DECEMBER 2008**

**ENVIRONMENTAL ASSESSMENT STATEMENT  
GOWANUS FACILITIES UPGRADE**

TABLE OF CONTENTS

| <u>Section</u>   | <u>Page</u> |
|--|-------------|
| <b>EAS FORM PART I: General Information</b> .....                  | 1           |
| <b>EAS FORM PART II: Site and Action Description</b> .....         | 3           |
| <br><b>APPENDIX A: Project Description</b>                         |             |
| Introduction.....  | A-1         |
| Purpose and Need .....   | A-2         |
| Existing Conditions.....   | A-3         |
| Proposed Action.....   | A-4         |
| Construction Schedule .....  | A-9         |
| Required Permits and Approvals .....                               | A-10        |
| <br><b>APPENDIX B: Analysis of Environmental Impact Categories</b> |             |
| A. Land Use, Neighborhood Character, Zoning and Public Policy..... | B-1         |
| B. Socioeconomic Conditions .....                                  | B-4         |
| C. Community Facilities.....                                       | B-4         |
| D. Open Space .....  | B-4         |
| E. Shadows .....   | B-5         |
| F. Historic Resource.....  | B-6         |
| G. Urban Design/Visual Resources .....                             | B-7         |
| H. Neighborhood Character (See Section “A”).....                   | B-9         |
| I. Natural Resources .....   | B-9         |
| J. Hazardous Materials .....                                       | B-13        |
| K. Waterfront Revitalization Program.....                          | B-17        |
| L. Infrastructure.....   | B-18        |
| M. Solid Waste and Sanitation Services.....                        | B-20        |
| N. Energy.....   | B-21        |
| O. Traffic and Parking .....                                       | B-23        |
| P. Transit and Pedestrians .....                                   | B-23        |
| Q. Air Quality/Odors .....   | B-24        |
| R. Noise .....   | B-27        |
| S. Construction Impacts .....                                      | B-30        |
| T. Public Health.....  | B-49        |

TABLE OF CONTENTS (continued)

| <u>Section</u>  | <u>Page</u> |
|---|-------------|
| <b>APPENDIX C:      Figures</b>   |             |
| 1    Land Use in the Vicinity of the Gowanus Facilities .....                               | 1           |
| 2    Tax Map in the Vicinity of the Gowanus Facilities .....                                | 2           |
| 3    Zoning Map in the Vicinity of the Gowanus Facilities.....                              | 3           |
| 4    Land Use in the Vicinity of the Degraw and Columbia Streets Site .....                 | 4           |
| 5    Tax Map in the Vicinity of the Degraw and Columbia Streets Site .....                  | 5           |
| 6    Zoning Map in the Vicinity of the Degraw and Columbia Streets Site .....               | 6           |
| 7    Land Use in the Vicinity of the Tompkins Place and Degraw Street Site .....            | 7           |
| 8    Tax Map in the Vicinity of the Tompkins Place and Degraw Street Site.....              | 8           |
| 9    Zoning Map in the Vicinity of the Tompkins Place and Degraw Street Site .....          | 9           |
| 10   Vicinity Aerial Map of Existing Facilities and Infrastructure .....                    | 10          |
| 11   Aerial Location Map of Proposed Work Locations .....                                   | 11          |
| 12   Aerial Location Map of the Gowanus Facilities Site.....                                | 12          |
| 13   Tompkins Place and Degraw Street Work Site.....  | 13          |
| 14   Degraw and Columbia Streets Work Site .....  | 14          |
| 15   Proposed Lighting Upgrade for the Gowanus Facilities.....                              | 15          |
| 16   Existing Gowanus Facilities and Proposed Post-Upgrade Rendering .....                  | 16          |
| 17   Centralized Oxygen Transfer System Location Plan.....                                  | 17          |
| 18   Soil/Groundwater Sampling Locations – Pumping Station and Butler Street.....           | 18          |
| 19   Soil Sampling Location – Int. Tompkins Place and Degraw Street .....                   | 19          |
| 20   Soil/Groundwater Sampling Locations – Int. Columbia Street<br>and Degraw Street.....   | 20          |
| 21   Coastal Zone Boundary of Proposed Action Area.....                                     | 21          |
| 22   Aerial Location Map of Noise Monitoring Locations .....                                | 22          |
| 23   Noise Monitoring Location N1 – Degraw and Columbia Streets Work Site .....             | 23          |
| 24   Noise Monitoring Location N2 – Tompkins Place and Degraw Street<br>Work Site .....     | 24          |
| 25   Noise Monitoring Location N3 – Gowanus Facilities and Butler Street<br>Work Site ..... | 25          |

**APPENDIX D:      Project Schedule**

Construction Schedule  
Expected Construction Activities, Equipment and Duration

**APPENDIX E:      New York City Waterfront Revitalization Program  
Consistency Assessment Form**