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Chapter 34

Chapter 35

Chapter 36

Chapter 37

TECHNICAL APPENDIX DOCUMENTATION (AVAILABLE ON COMPACT DISK)

Traffic and Transportation

Henningson, Durham & Richardson Architecture & Engineering, P.C. Urbitran and Parsons Brinkerhoff prepared the following files for all applicable sites and submitted them to the NYCDOT for review in early 2004.

- Electronic and printed copies of Highway Capacity Software Output files;
- Spreadsheets showing temporal distribution of traffic and calculations to determine peak hours, future baseline and future build conditions; and
- Maps depicting routes and temporal distribution of Department Collection vehicles

Air Quality

Henningson, Durham & Richardson Architecture & Engineering, P.C. and Parsons Brinkerhoff prepared the following files for all applicable sites and submitted them to the NYCDEP for review between January 2004 and October 2004

On-Site Air Quality Analysis

- Methodology
- Emission calculations spreadsheets;
- Site maps with source coordinates; and
- ISCST3 input and output air quality files.

Mobile Air Quality Analysis

- Electronic copies of Highway Capacity Software Output files;
- Electronic copies of CAL3QHC files for CO and PM₁₀;
- CAL3QHCR output files for PM₁₀;
- Electronic copy of Part 5 file; and
- Emissions calculations spreadsheets.
- Electronic copy of Mobile 6.2 file

Odor

Henningson, Durham & Richardson Architecture & Engineering, P.C. prepared the following files for all applicable sites and submitted them to the NYCDEP for review between January 2004 and October 2004.

- Electronic copies of ISCST3 input and output air quality files; and
- Emission calculation spreadsheets and site maps with source coordinates.

Noise

Henningson, Durham & Richardson Architecture & Engineering, P.C. and Parsons Brinkerhoff prepared the following files for all applicable sites and submitted them to the NYCDEP for review between November 1999 and February 2000:

- Noise Impact Calculation Spreadsheets; and
- C++ input/output files used to calculate the 55 dBA contour.
- TNM noise model input/output

Hazardous Materials

1. New York City Land Use Maps (NYC Department of Planning, 1988).
2. Sanborn Fire Insurance atlases dated 1908, 1951, 1979, and 1989.
3. Sanborn Fire Insurance atlases dated 1906, 1951, and 1990.
4. Sanborn Fire Insurance atlases dated 1915, 1935, 1951, 1979, and 1989.
5. South Bronx Marine Transfer Station (MTS) Solid Waste Management Facility permit renewal report dated October 1995. This report was prepared by the City of New York Department of Sanitation for New York State Department of Environmental Conservation (NYSDEC) in accordance with the provisions of 6 NYCRR Part 360.
6. Southwest Brooklyn Marine Transfer Station (MTS) Solid Waste Management Facility permit renewal report dated October 1995. This report was prepared by the City of New York Department of Sanitation for New York State Department of Environmental Conservation (NYSDEC) in accordance with the provisions of 6 NYCRR Part 360.
7. Toxics Targeting, Inc., Computerized Environmental Report, Farragut Street, Bronx, New York. February 17, 1999.
8. Toxics Targeting, Inc., Computerized Environmental Report, Shore Parkway at Bay 41st Street, Brooklyn, New York. February 18, 1999.
9. Toxics Targeting, Inc., Computerized Environmental Report, North Henry and Kingsland Avenue, Brooklyn, New York. February 19, 1999.
10. Toxics Targeting, Inc., Computerized Environmental Report, Bear & Hallock Streets, Brooklyn, New York. February 22, 1999.
11. Toxics Targeting, Inc., Computerized Environmental Report, 31st Avenue/122nd Street, Queens, New York. February 22, 1999.
12. Toxics Targeting, Inc., Computerized Environmental Report, 65th Street & Upper New York Bay, Brooklyn, New York. March 4, 1999.
13. Toxics Targeting, Inc., Computerized Environmental Report, 38-50 Review Avenue, Queens, New York. March 19, 1999.
14. Toxics Targeting, Inc., Computerized Environmental Report, Fresh Kills landfill, Staten Island, New York. March 22, 1999.
15. Toxics Targeting, Inc., Computerized Environmental Report, Hamilton Avenue Marine Transfer Station, Brooklyn, New York. July 22, 1999.
16. United State Geological Survey topographic quadrangle maps.