

# CEQR TECHNICAL MANUAL CHANGES

## DECEMBER 2021 EDITION

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This document provides an overview of the 2020 CEQR Technical Manual chapters and appendices that were revised to create the December 2021 Edition. A summary of changes by chapter is forthcoming. A summary of changes by appendix is provided below.

### 1. Chapters with Changes

- Chapter 3, “Introduction to the Technical Guidance”
- Chapter 5, “Socioeconomic Conditions”
- Chapter 6, “Community Facilities and Services”
- Chapter 7, “Open Space”
- Chapter 8, “Shadows”
- Chapter 10, “Urban Design and Visual Resources”
- Chapter 11, “Natural Resources”
- Chapter 12, “Hazardous Materials”
- Chapter 13, “Water and Sewer Infrastructure”
- Chapter 16, “Transportation”
- Chapter 17, “Air Quality”
- Chapter 19, “Noise”
- Chapter 20, “Public Health”
- Chapter 21, “Neighborhood Character”
- Chapter 22, “Construction”

### 2. Appendices with Changes

- Appendix: Open Space Maps
- Appendix: Hazardous Materials
- Appendix: Transportation
- Appendix: Air Quality



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### 3. Summary of Changes by Appendix

#### Appendix: Open Space Maps

##### *Removal of 2020 Appendix:*

- Methodological changes in 2021 CEQR Technical Manual, Chapter 7, “Open Space”, made open space maps of the 2020 Appendix obsolete. Therefore, they were removed.

#### Appendix: Hazardous Materials

##### *Updates were made to the following sections of the 2020 Appendix:*

- List of Facilities, Activities, or Conditions Requiring Assessment (pgs. 1-3) Formatting
- Documents Describing New York State and Federal Analytical Methodology (pg. 4): Hyperlinks were updated
- Example of the Required Level of Effort for Phase II EASs at Typical Sites (pg. 5)

##### *The following section of the 2020 Appendix was removed because it did not reflect the most recent rules:*

- Title 15, Chapter 24 of the Rules of the City of New York (pgs. 6-14)

A hyperlink to the most recent rules was included in 2021 CEQR Technical Manual, Chapter 12, “Hazardous Materials”, Section 550. “Mitigation through Institutional Control.”, to access this content online ([Title 15, Chapter 24 of the Rules of the City of New York](#)).

#### Appendix: Transportation

##### *The following sections of the 2020 Appendix were removed because information was outdated:*

- Recent Highway Vehicle Accident Intersections (2012) (pgs. 59-60)
- Recent Highway Vehicle Accident Intersections (2011) (pgs. 61-62)
- Recent Highway Pedestrian/Vehicle Accident Intersections (2012) (pgs. 63-64)
- Recent Highway Pedestrians/Vehicle Accident Intersections (2011) (pgs. 65-66)

A hyperlink was included in 2021 CEQR Technical Manual, Chapter 16, “Transportation”, Section 380. “Assessment of Street Use Safety”, to access this content online ([Vision Zero View](#)).

##### *The following new sections were added in the 2021 Appendix to provide additional and new guidance:*

- Land Use Directional Splits (pg. 59)
- List of Common Safe Distances (pg. 60)
- Treatments for Reducing Conflicts between Turning Vehicles and Pedestrians (pg. 61)



## Appendix: Air Quality

*The following section of the 2020 Appendix was removed because content was outdated:*

- Refined Screening Analysis for Heat and Hot Water Systems (pgs. 27-44)

*The removed section was replaced in the 2021 Appendix with an updated:*

- Refined Screening Analysis for Heat and Hot Water Systems (pgs. 27-32).

## 4. No Changes were made to the following Chapters:

Chapter 1, "Procedures and Documentation"

Chapter 2, "Establishing the Analysis Framework"

Chapter 4, "Land Use, Zoning, and Public Policy"

Chapter 9, "Historic and Cultural Resources"

Chapter 14, "Solid Waste and Sanitation Services"

Chapter 15, "Energy"

Chapter 18, "Greenhouse Gas Emissions and Climate Change"

Chapter 23, "Alternatives"

Chapter 24, "EIS Summary Chapters"

## 5. No Changes were made to the following Appendices:

Appendix: Environmental Review Laws and Regulations

Appendix: Shadows

Appendix: Noise

2021 Technical Manual  
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