

APPENDIX F¹

Air Quality E-Designations

¹ Prior to publication of the FEIS, DCP learned that certain development sites within the rezoning area are being developed for hotel use (see footnote on page 1-15). Therefore, these sites have been removed from the list of sites receiving E-designations

HVAC Analysis

An HVAC analysis was performed to determine whether the proposed actions would result in any potential significant adverse air quality impacts (see Chapter 17, “Air Quality”). The analysis determined that certain sites would require E-designations that would specify the type of fuel to be used or the distance that the vent stack on the building roof must be from the edge of a lot line. The proposed E-designations for the applicable projected and potential development sites with respect to HVAC systems are presented below in Table F-1.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
Projected Sites			
3	402	1, 42 , 32, 35	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, to avoid any potential significant air quality impacts.
4	400	5	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.
19	407	27, 29	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
24	398	1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 75 feet from the lot line facing 29th St when firing No. 2 oil, and at least 30 feet from the lot line facing 29th St when firing natural gas, to avoid any potential significant air quality impacts.
25	398	19	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 30th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
26	399	6, 7, 9	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 30th St when firing No. 2 oil, and at least 20 feet from the lot line facing 30th St when firing natural gas, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
28	387	9,7,8	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 27th St when firing No. 2 oil, and at least 10 feet from the lot line facing 27th St when firing natural gas, to avoid any potential significant air quality impacts.
31	367	33	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 37th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
32	368	11	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot lines facing 37th Ave and 27th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
33	370	3	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
34	370	26,28	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
36	600	34	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.
38	399	13,26	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 39 Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
39	387	34	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
Potential Sites			
44	375	5,1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 38 Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
45	380	9,8,7	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 40 feet from the lot line facing Northern Blvd when firing No. 2 oil, and at least 20 feet from the lot line facing Northern Blvd when firing natural gas, to avoid any potential significant air quality impacts.
47	398	39,38	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 28th St and 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
50	408	9,109	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 41st Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
56	369	121,22	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
57	369	119,20	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
58	373	1, 47	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
59	373	6, 45	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
60	407	9	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
63	600	50,49	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 36th Ave, 37th Ave and 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
69	601	26,25	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 33rd St when firing No. 2 oil, to avoid any potential significant air quality impacts.
73	384	7,8	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 30th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
74	386	4,3	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 28th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
76	386	20,19	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 27th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
77	386	31,30	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
78	386	29 ,32	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
80	385	2,3	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 39th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
84	382	11,8	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 40 feet from the lot line facing 32nd St when firing No. 2 oil, and at least 20 feet from the lot line facing 32nd St when firing natural gas, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
85	382	14,15,13	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 39th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
92	397	3,4	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 28th St and 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
94	397	11,12	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
95	397	17,18	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 27th St and 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
96	397	22,21	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
99	397	29,28	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
100	398	34,35	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
101	398	31,32	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
103	407	11,13	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing Crescent when firing No. 2 oil, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
104	375	29,30	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
105	408	31,32	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 23rd St and 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
110	406	12,29	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 60 feet from the lot line facing 40th Ave when firing No. 2 oil, and at least 30 feet from the lot line facing 40th Ave when firing natural gas, to avoid any potential significant air quality impacts.
111	405	10,9	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 41st Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
121	601	19,20	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 33rd St when firing No. 2 oil, to avoid any potential significant air quality impacts.
123	408	38,37	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 41st Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
125	407	16,17	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing Crescent St when firing No. 2 oil, to avoid any potential significant air quality impacts.
128	398	29 ,30	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 39th Ave and 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
136	384	5,6	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 30th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
138	383	33,1	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
139	381	11,12	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 39th Ave and at least 20 feet from the lot line facing 33rd St when firing No. 2 oil, to avoid any potential significant air quality impacts.
146	368	9,10	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 27th St and 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
149	600	39,116	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 37th Ave and 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.
152	380	11	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
158	383	2	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 31st St when firing No. 2 oil, and at least 20 feet from the lot line facing 31st St when firing natural gas, to avoid any potential significant air quality impacts.
160	399	1,3	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 30th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
162	383	5	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
169	381	9	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 39th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
170	374	12	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 40 feet from the lot line facing 37th Ave when firing No. 2 oil, and at least 20 feet from the lot line facing 37th Ave when firing natural gas, to avoid any potential significant air quality impacts.
174	408	14	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 41st Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
176	382	17	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 39th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
182	382	19	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 39th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
184	407	19	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing Crescent St when firing No. 2 oil, to avoid any potential significant air quality impacts.
185	370	20	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 30 feet from the lot line facing 37th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
197	371	27	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, to avoid any potential significant air quality impacts.
199	384	28	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located on the wider portion of the "L" shaped lot (i.e., fronting 30th Street).

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
201	368	29	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems.
203	405	29	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
209	374	33	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 40 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
215	408	35	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, to avoid any potential significant air quality impacts.
221	384	9	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 30th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
223	408	16	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
224	407	37	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 24th St when firing No. 2 oil, to avoid any potential significant air quality impacts.
227	384	11	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
228	375	24	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 40 feet from the lot line facing 37th Ave when firing No. 2 oil, and at least 20 feet from the lot line facing 37th Ave when firing natural gas, to avoid any potential significant air quality impacts.

**Table F-1
Air Quality E-Designations for Development Sites - HVAC Restrictions**

Site #	Block	Lot(s)	Restriction
229	386	7	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 38th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
231	405	41	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 41st Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.
233	601	17,18	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 33rd St when firing No. 2 oil, to avoid any potential significant air quality impacts.

Industrial Source Analysis

An industrial source analysis was performed to determine whether the proposed rezoning action would result in any potential significant adverse air quality impacts (see Chapter 17, "Air Quality"). The analysis determined that 10 development sites would require E designations that would specify certain conditions that would preclude any impacts caused by nearby industrial sources. The proposed E designations for these 10 development sites are presented below in Table F-2.

**Table F-2
Air Quality E-Designations for Development Sites - Industrial Sources**

Site #	Block	Lot(s)	Restriction
Projected Sites			
6	370	4	<p>Under current conditions, sodium hydroxide emissions from a nearby industrial source preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer</p>

Table F-2
~~Air Quality E-Designations for Development Sites—Industrial Sources~~

Site #	Block	Lot(s)	Restriction
			<p>necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
Potential Sites			
44	376	6,4	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
400	407	33,34	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these</p>

Table F-2
~~Air Quality E-Designations for Development Sites—Industrial Sources~~

Site #	Block	Lot(s)	Restriction
			<p>restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
426	407	46,47	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
427	407	35,36	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or</p>

Table F-2
~~Air Quality E-Designations for Development Sites—Industrial Sources~~

Site #	Block	Lot(s)	Restriction
			<p>enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
440	380	5,6	<p>Under current conditions, sodium hydroxide emissions from a nearby industrial source preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
452	380	44	<p>Under current conditions, sodium hydroxide emissions from a nearby industrial source preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or</p>

Table F-2
~~Air Quality E-Designations for Development Sites—Industrial Sources~~

Site #	Block	Lot(s)	Restriction
			<p>enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
406	380	43	<p>Under current conditions, sodium hydroxide emissions from a nearby industrial source preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
244	376	33	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p>

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Site #	Block	Lot(s)	Restriction
			<p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>
228	375	24	<p>Under current conditions, tetrachloroethylene emissions from a nearby industrial source or sources preclude any residential, commercial, or community facility development, enlargement or change in use resulting from ULURP Nos. 080429 ZMQ and N 080428 ZRY on the referenced property, because the resulting development, enlargement or change of use must have no operable windows and no air intakes. New York law requires operable windows for buildings containing habitable rooms, and air intakes using current filtration technologies do not eliminate impacts. Therefore, only manufacturing uses, developments, or enlargements may proceed unless the City determines that these restrictions are no longer necessary.</p> <p>Such determination that these restrictions are no longer necessary shall be based upon the following, or a combination thereof, establishing that impacts have been eliminated: (1) the applicable source has permanently ceased operations; (2) new design approaches and/or technologies have been implemented at the applicable source; (3) new methodologies have established that emission levels affecting the referenced property have changed; or (4) new design approaches and/or technologies are proposed to be implemented at the referenced property. All new design approaches, technologies and methodologies must be accepted under relevant industry standards.</p>