

A14
Cambridge to Huntingdon
improvement scheme
Development Consent Order Application

HE/A14/EX/154

TR010018

HE/A14/EX/154

Air Quality Assessment pursuant to Interim Advice Note 185/15

September 2015

The Infrastructure Planning (Examination Procedure) Rules 2010



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1 Introduction

- 1.1.1 Following submission of the Development Consent Order application in December 2014, Highways England published Interim Advice Note 185/15¹ which provides a revised methodology for the local air quality assessment with particular regard to assessing the impacts of congested road conditions on local air quality.
- 1.1.2 Questions regarding how results presented within the ES may differ if the IAN185/15 method was used were raised by the councils. A written question in both the first and second round asked about the implications of the IAN.
- 1.1.3 A high level review of the implications of IAN 185/15 on the air quality assessment presented in Chapter 8 of the Environmental Statement (ES) (Applicant reference 6.1, PINS reference APP-339) was undertaken and reported in Highways England's *Response to First Written Questions, Report 1: Air Quality and Carbon Emissions* (Applicant reference HE/A14/EX/28, PINS reference REP2-002) Question 1.1.2. The outcome of this high level review was that the use of the methodology outlined in IAN 185/15 would not change the conclusions of the air quality assessment for the scheme.
- 1.1.4 For completeness, and to confirm the conclusions of the high level review, the air quality assessment has been repeated across the study area using the IAN185/15 methodology. It should be noted that the IAN185/15 assessment has been undertaken using CHARM3A traffic data. The Examining Authority requested this information to be made available at the Issue Specific Hearing.
- 1.1.5 This report outlines the methodology used for the IAN185/15 assessment and the potential air quality impacts of the scheme and follows the same format as the ES to enable an easy comparison of the two assessments.

¹ Highways England, Interim Advice Note 185/15, Updated traffic, air quality and noise advice on the assessment of link speeds and generation of vehicle data into 'speed-bands', January 2015

2 Method of Assessment

2.1 Guidance

2.1.1 The methodology outlined in IAN185/15 has been used in addition to the guidance outlined in paragraph 8.2.3 of the ES.

2.2 Study area

2.2.1 The criteria used to determine the study area/Affected Road Network (ARN) of the assessment remain as set out in paragraph 8.2.5 of the ES. It should be noted that the assessment included in the ES was undertaken using CHARM2 traffic data and therefore the ARN changes slightly with the use of CHARM3A traffic data.

2.3 Methodology for local air quality assessment

2.3.1 As the opening year is considered to be the worst case for air quality, due to the anticipated reduction in vehicle emission factors and background pollutant concentrations over time, the IAN 185/15 assessment has not been undertaken for the design/future year (2035) of the scheme. Therefore, the assessment scenarios considered in the IAN 185/15 assessment are:

- 2014 baseline;
- 2014 projected base year²;
- 2020 (opening year) without the scheme (do-minimum);
- 2020 (opening year) with completed scheme (do-something);

² The projected base year is produced as part of the future year NO_x and NO₂ sensitivity testing carried out for IAN 170/12v3. It has the base year traffic modelled using the opening year vehicle emission factors and opening year background concentrations.

- 2.3.2 The primary difference between the assessment methodology undertaken in the ES and that outlined in the IAN 185/15 methodology is the vehicle emission factors input to the air quality model. IAN185/15 provides emission factors for oxides of nitrogen (NO_x) and particulate matter (PM₁₀) for light and heavy duty vehicles based on various speed bands for motorways and urban/rural roads (these are provided in Annex C1 and C2 of IAN185/15). These replace the emission factors generated for use in the ES from the Defra emission factor toolkit³.
- 2.3.3 The speed bands applied to each link are determined by average speeds, which have been derived by the transport planning team for the scheme based on the methodology provided in section 3 of IAN185/15.
- 2.3.4 IAN185/15 states that where Annual Average Daily Traffic (AADT) has been modelled, as is the case for the air quality assessment of the scheme, free-flow speed bands should be used to generate appropriate emission factors. Therefore, emission factors associated with the free-flow speed band for motorways and urban/rural roads have been assigned to all links, with the exception of model links within 100m of junctions. These links have been assigned as 'light congestion' speed bands to account for increased periods of acceleration associated with traffic moving through the junction.

2.4 Sensitivity testing

- 2.4.1 It is noted that the CHARM3A traffic data provided by the transport team includes average speeds representative of congested conditions on some modelled links despite this being across a whole day rather than split into time periods across the day. Using this data with the appropriate speed band will be a worst case assessment as it would assume congestion exists for all 24 hours of the day. A sensitivity test has therefore been undertaken which applies the appropriate speed band based on the average speed of the model link, rather than just applying free flow speed bands. This allows existing congested conditions to be characterised and provides a worst case scenario based on the traffic data available.

³ Defra, Emission Factor toolkit, <http://laqm.defra.gov.uk/review-and-assessment/tools/emissions-factors-toolkit.html>

2.5 Model verification

2.5.1 As the baseline scenario has been repeated using different emission factors for the IAN185/15 assessment and sensitivity test, the model verification exercise has also been updated to ensure verification factors remain appropriate for the model. The approach to applying the verification factors remains as set out in the ES, with one factor for the majority of the study area and a separate factor for the Huntingdon area, this follows government guidance set out in Local Air Quality Management Technical Guidance published by Defra.

2.5.2 Table 1 outlines the verification factors that were derived for each of the assessments. This table show the difference between the verification factors which are applied for each assessment. The closer the factor is to 1, the closer the modelled concentrations are to the monitored concentrations.

Table 1: Verification Factors

Factor	ES	CHARM 3A IAN185/15	SENSITIVITY TEST
Huntingdon	2.53	2.38	2.21
Remainder of Scheme Area	1.08	0.97	0.78

3 Results

- 3.1.1 The significance of effects during the operational phase of the scheme in relation to local air quality is based on criteria set out in Highways England Interim Advice Note 174/13⁴. The IAN185/15 assessment and subsequent sensitivity test does not result in an exceedence of any limit value or objective and there are no locations where pollutant concentrations increase by more than $4\mu\text{g}/\text{m}^3$. It should be noted that the IAN185/15 assessment and sensitivity test result in more locations experiencing an improvement in concentrations of $4\mu\text{g}/\text{m}^3$ or more than presented in the ES.
- 3.1.2 The IAN185/15 assessment and subsequent sensitivity test does not result in any significant change to the results outlined in Chapter 8 of the ES. No exceedences of the air quality standards are predicted, the maximum annual mean NO_2 concentrations in the 'with scheme' scenario are predicted to be $33.2\mu\text{g}/\text{m}^3$ and $35.3\mu\text{g}/\text{m}^3$, for the IAN185/15 assessment and sensitivity test respectively. These are below the annual mean objective of $40\mu\text{g}/\text{m}^3$.
- 3.1.3 Predicted pollutant concentrations at each of the assessed receptors are provided in Appendix 1 which allows comparison with the results provided in Appendix 8.1 of the ES (PINS reference APP-439). The receptor numbers are the same as those used in the ES and Figure 8.1 provides the receptor locations.

4 Conclusions

- 4.1.1 The reassessment of air quality impacts using the IAN185/15 methodology has shown that there are no material changes between the IAN185/15 results and the results presented in the ES. There would have been no change to the overall conclusions of the air quality assessment had the IAN185/15 methodology assessment been available during preparation of the ES for the scheme.

⁴ Highways England, Interim Advice Note 174/13, Updated advice for evaluating significant local air quality effects, June 2013

APPENDIX 1 Predicted Concentrations

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1	27.6	22.5	25.8	21.6	20.5	19.7	20.6	19.7
2	20.6	18.8	19.0	17.6	19.2	18.9	19.3	18.9
3	19.5	18.5	18.0	17.2	19.2	19.0	19.2	19.0
4	19.9	19.1	18.3	17.6	19.2	19.1	19.2	19.1
5	18.8	18.0	17.4	16.8	19.1	18.9	19.1	19.0
6	17.6	17.1	16.6	16.2	19.0	18.9	19.0	18.9
7	28.7	22.4	26.6	21.5	20.6	19.6	20.7	19.6
8	29.8	22.5	28.1	21.8	20.8	19.6	20.9	19.6
9	28.1	21.9	27.4	21.4	20.7	19.6	20.8	19.6
10	26.7	21.4	26.2	21.0	20.6	19.6	20.7	19.6
11	27.1	21.8	26.6	21.4	20.6	19.6	20.7	19.6
12	27.6	22.0	27.1	21.6	20.7	19.6	20.8	19.6
13	27.5	22.0	27.1	21.6	20.7	19.6	20.8	19.6
14	26.1	21.6	25.7	21.2	20.5	19.6	20.6	19.6
15	22.8	19.8	22.5	19.5	18.5	17.9	18.6	17.9
16	20.3	19.1	19.9	18.8	19.8	19.6	19.8	19.6
17	20.2	17.3	19.7	17.0	20.0	19.5	20.1	19.5
18	21.5	19.8	20.8	19.4	19.9	19.6	19.9	19.6
19	20.9	19.4	20.3	19.0	19.8	19.6	19.9	19.6
20	21.1	19.6	20.5	19.2	19.9	19.6	19.9	19.6
21	20.3	19.0	19.9	18.7	19.8	19.6	19.8	19.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
22	20.1	18.9	19.8	18.6	19.8	19.5	19.8	19.5
23	20.0	18.8	19.7	18.6	19.8	19.5	19.8	19.5
29	19.1	18.6	18.8	18.4	19.7	19.6	19.7	19.6
30	19.9	19.7	20.0	19.9	18.4	18.4	18.4	18.4
31	18.5	18.3	18.5	18.2	18.1	18.1	18.1	18.1
33	19.6	19.5	19.7	19.7	18.4	18.3	18.4	18.4
34	19.5	19.3	19.6	19.5	18.3	18.3	18.4	18.3
35	18.9	18.8	18.9	18.9	18.2	18.2	18.2	18.2
36	18.1	18.0	18.1	18.1	18.1	18.1	18.1	18.1
37	18.6	17.6	18.4	17.4	18.0	17.8	18.1	17.8
38	19.4	18.0	19.1	17.8	18.1	17.8	18.1	17.8
39	20.0	18.3	19.6	18.0	18.2	17.8	18.2	17.8
40	19.7	18.2	19.2	17.9	18.1	17.8	18.2	17.8
41	27.8	24.9	27.5	24.9	19.7	19.5	19.7	19.5
42	25.5	23.2	25.5	23.5	19.6	19.4	19.6	19.4
43	32.4	26.7	31.8	26.5	20.1	19.7	20.1	19.7
44	31.3	26.4	30.9	26.2	20.0	19.6	20.0	19.6
45	30.6	25.1	31.0	25.6	20.0	19.6	20.0	19.6
46	30.3	24.9	31.8	26.0	20.1	19.7	20.1	19.7
47	30.0	25.0	31.7	26.2	20.1	19.7	20.1	19.7
48	13.4	13.0	13.2	12.9	15.9	15.8	15.9	15.8

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
50	13.5	13.2	13.3	13.1	15.9	15.9	15.9	15.9
51	13.8	13.6	13.7	13.5	16.0	15.9	16.0	15.9
52	14.2	14.0	14.0	13.9	16.1	16.0	16.1	16.0
53	13.4	13.2	13.3	13.0	15.9	15.9	15.9	15.9
54	20.1	19.6	19.8	19.5	19.5	19.5	19.6	19.5
55	20.4	19.8	20.1	19.6	19.6	19.5	19.6	19.5
56	26.6	24.1	26.7	24.5	19.7	19.5	19.7	19.5
57	27.5	24.6	27.8	24.5	19.7	19.5	19.7	19.5
58	27.3	24.9	28.0	24.8	19.6	19.5	19.6	19.5
59	26.0	23.2	25.7	23.2	19.6	19.4	19.6	19.4
60	25.5	22.6	25.2	22.7	19.5	19.3	19.5	19.4
61	25.9	22.3	25.6	22.4	19.5	19.3	19.5	19.3
62	25.6	22.1	25.3	22.3	19.5	19.3	19.5	19.3
63	25.6	22.5	25.4	22.8	19.5	19.3	19.5	19.3
64	26.5	22.6	26.3	22.9	19.6	19.3	19.6	19.3
65	27.6	23.5	27.4	24.0	19.6	19.4	19.7	19.4
66	26.1	22.7	25.8	22.9	19.6	19.3	19.6	19.3
67	26.0	22.7	25.7	23.0	19.5	19.3	19.6	19.3
68	26.5	22.1	26.2	22.2	19.7	19.4	19.7	19.4
69	31.3	24.0	30.7	24.0	20.0	19.5	20.0	19.5
70	32.7	24.7	32.0	24.7	20.2	19.6	20.2	19.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
71	31.7	24.6	32.9	25.6	20.1	19.6	20.1	19.6
72	34.1	26.8	33.3	26.8	20.3	19.7	20.3	19.7
73	33.2	26.4	32.5	26.3	20.2	19.7	20.2	19.7
74	31.5	28.0	33.6	35.3	20.1	19.8	20.1	19.9
75	25.5	22.9	25.8	23.9	19.6	19.4	19.6	19.4
76	24.5	22.1	24.7	22.6	19.5	19.4	19.5	19.4
77	29.2	25.4	30.7	27.0	20.0	19.7	20.0	19.7
78	26.4	23.4	28.4	25.2	19.7	19.5	19.7	19.5
79	32.5	26.0	32.1	26.1	20.2	19.7	20.2	19.7
80	28.6	24.4	29.7	25.6	19.9	19.6	19.9	19.6
81	28.2	24.3	28.5	24.8	19.9	19.6	19.9	19.6
82	25.2	22.2	26.1	23.1	19.7	19.5	19.7	19.5
83	28.9	25.3	28.8	25.4	20.0	19.7	20.0	19.7
84	23.5	21.0	25.3	22.5	19.6	19.4	19.6	19.4
85	23.9	21.2	27.2	23.8	19.7	19.5	19.7	19.5
86	23.1	20.8	25.4	22.8	19.6	19.4	19.6	19.4
87	23.7	21.6	25.9	23.5	19.7	19.5	19.7	19.5
88	25.3	22.7	26.2	23.7	19.8	19.6	19.8	19.6
89	22.5	21.1	23.8	22.2	19.6	19.5	19.6	19.5
90	26.2	25.3	32.2	31.4	19.9	19.9	20.0	19.9
91	24.1	22.4	25.5	23.7	19.7	19.6	19.7	19.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
92	22.3	21.0	22.6	21.4	19.4	19.3	19.4	19.3
93	24.1	22.7	25.5	24.1	18.3	18.2	18.3	18.2
94	20.0	19.0	20.2	19.3	17.9	17.9	17.9	17.9
95	20.0	19.0	20.1	19.3	17.9	17.9	17.9	17.9
96	20.6	19.6	20.6	19.7	18.0	17.9	18.0	17.9
97	22.3	21.2	22.4	21.3	18.1	18.0	18.1	18.0
98	26.6	25.4	26.2	25.2	18.4	18.3	18.4	18.3
99	28.7	27.5	28.8	27.8	18.5	18.4	18.5	18.4
100	20.5	20.8	20.5	22.3	18.6	18.7	18.6	18.7
101	19.7	19.8	19.7	21.1	18.4	18.4	18.4	18.4
102	19.9	19.0	19.9	19.1	17.9	17.8	17.9	17.8
105	17.9	17.0	18.1	17.3	16.9	16.9	16.9	16.9
114	17.0	16.8	16.8	16.7	17.9	17.8	17.9	17.8
117	14.7	14.6	14.6	14.5	17.0	16.9	17.0	16.9
118	14.8	14.7	14.6	14.5	17.0	17.0	17.0	17.0
126	13.9	13.8	13.9	13.7	16.3	16.2	16.3	16.2
127	14.1	13.9	14.1	14.0	16.3	16.3	16.3	16.3
128	14.1	14.0	14.1	14.0	16.3	16.3	16.3	16.3
129	13.9	13.8	13.8	13.7	16.3	16.2	16.3	16.2
142	20.1	20.1	19.8	19.8	20.2	20.3	20.3	20.3
143	16.6	16.9	15.0	15.2	18.3	18.3	18.3	18.3

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
144	16.7	16.9	15.0	15.2	18.3	18.3	18.3	18.3
145	15.2	15.3	14.7	14.7	17.0	17.0	17.0	17.0
148	15.2	15.2	14.7	14.7	17.0	17.0	17.0	17.0
149	13.3	13.3	13.0	13.0	17.3	17.3	17.3	17.3
150	14.4	14.6	13.6	13.7	17.4	17.4	17.4	17.5
151	13.2	13.2	13.0	12.9	17.3	17.3	17.3	17.3
153	14.3	14.4	13.6	13.6	17.4	17.4	17.4	17.4
154	16.6	16.4	15.8	15.6	16.7	16.6	16.7	16.6
155	18.2	17.6	17.3	16.8	16.9	16.8	17.0	16.8
156	17.0	16.4	16.9	16.3	16.9	16.8	16.9	16.8
157	16.8	16.2	17.0	16.4	16.9	16.8	16.9	16.8
158	22.0	22.0	21.3	21.2	20.4	20.4	20.4	20.4
159	14.9	14.7	14.6	14.3	18.6	18.6	18.7	18.6
161	13.6	13.3	13.4	13.1	15.9	15.8	15.9	15.9
162	17.7	17.3	20.0	19.6	16.5	16.4	16.5	16.4
163	13.9	13.9	13.1	13.1	16.6	16.6	16.6	16.6
164	27.9	22.6	27.6	22.7	19.8	19.4	19.8	19.4
165	26.0	21.1	24.3	20.4	20.7	19.8	20.7	19.8
166	20.1	16.6	18.8	16.0	18.0	17.3	18.0	17.3
167	18.9	17.4	19.0	17.6	18.0	17.6	18.0	17.6
168	17.0	15.9	17.0	15.9	17.6	17.3	17.6	17.3

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
169	17.4	15.4	17.6	15.5	17.7	17.2	17.7	17.2
170	24.0	18.7	23.4	18.4	20.5	19.6	20.6	19.6
171	24.8	18.9	24.0	18.6	20.6	19.6	20.7	19.6
172	26.2	19.6	25.5	19.4	20.9	19.7	21.0	19.7
173	26.5	19.8	26.1	19.5	20.9	19.7	21.0	19.7
174	24.7	21.2	23.0	20.2	20.4	19.8	20.4	19.8
175	23.3	20.0	21.9	19.2	20.3	19.7	20.3	19.7
176	19.7	17.7	19.6	17.6	20.1	19.7	20.1	19.7
177	17.5	16.6	17.3	16.4	19.8	19.6	19.8	19.6
178	18.0	15.8	18.2	15.9	17.7	17.2	17.7	17.2
179	14.8	14.1	14.6	14.0	17.1	16.9	17.1	16.9
182	15.5	14.5	15.5	14.4	17.2	17.0	17.2	17.0
183	16.4	14.9	16.5	14.9	17.4	17.1	17.5	17.1
184	17.2	15.3	17.4	15.4	17.6	17.1	17.6	17.2
185	17.6	16.7	17.8	16.9	17.7	17.5	17.7	17.5
186	15.1	14.6	15.1	14.6	17.2	17.1	17.2	17.1
187	14.5	14.0	14.5	14.0	17.1	17.0	17.1	17.0
188	15.0	14.3	15.0	14.3	17.2	17.1	17.2	17.1
189	15.8	15.1	15.9	15.2	17.4	17.2	17.4	17.2
190	14.9	14.4	14.9	14.4	17.2	17.1	17.2	17.1
191	14.5	14.0	14.5	14.0	17.1	17.0	17.1	17.0

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
192	13.9	13.6	13.8	13.5	17.0	16.9	17.0	16.9
193	17.0	16.3	17.2	16.5	17.6	17.5	17.6	17.5
194	14.1	13.7	14.0	13.6	17.0	16.9	17.0	16.9
195	14.4	13.9	14.2	13.8	17.0	16.9	17.0	16.9
196	15.6	14.9	15.6	15.0	17.3	17.2	17.4	17.2
197	14.9	14.4	14.9	14.5	17.2	17.1	17.2	17.1
199	12.1	11.9	12.0	11.8	16.5	16.4	16.5	16.4
200	12.3	11.9	12.2	11.9	16.5	16.5	16.5	16.5
201	14.2	13.9	14.1	13.8	17.0	17.0	17.1	17.0
202	11.5	11.3	11.4	11.3	16.4	16.3	16.4	16.4
204	12.4	12.2	12.2	12.0	17.7	17.6	17.7	17.6
205	12.6	12.3	12.1	11.9	17.6	17.6	17.7	17.6
206	14.1	13.7	12.9	12.6	17.8	17.8	17.8	17.8
207	11.4	11.4	11.2	11.2	16.4	16.4	16.4	16.4
210	16.9	16.5	16.6	16.2	19.7	19.6	19.7	19.6
211	18.5	17.5	17.9	17.1	19.8	19.7	19.9	19.7
212	13.7	13.5	13.6	13.4	17.0	16.9	17.0	16.9
214	20.3	16.7	19.0	16.0	18.0	17.3	18.0	17.3
215	15.0	14.2	14.7	14.0	17.1	16.9	17.1	16.9
216	18.9	17.6	18.3	17.1	19.9	19.6	19.9	19.6
217	25.6	22.4	25.7	22.7	19.6	19.4	19.6	19.4

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
220	17.8	17.2	17.6	17.1	18.0	17.8	18.0	17.8
221	11.7	11.5	11.5	11.4	16.4	16.4	16.4	16.4
228	27.7	25.4	29.0	26.8	19.9	19.7	19.9	19.7
229	27.9	26.2	29.1	27.5	19.9	19.8	19.9	19.8
230	27.8	26.4	28.9	27.6	19.9	19.8	19.9	19.8
231	23.5	22.0	23.6	22.3	19.5	19.4	19.5	19.4
232	23.3	21.6	23.6	22.0	19.5	19.4	19.5	19.4
233	23.6	21.7	24.0	22.2	19.5	19.4	19.5	19.4
243	13.0	12.5	12.6	12.3	18.9	18.8	18.9	18.8
244	13.0	13.8	12.6	13.5	18.9	19.1	18.9	19.1
245	14.4	16.8	13.6	16.4	17.6	18.2	17.6	18.2
246	13.6	15.5	12.9	14.9	17.6	18.0	17.6	18.0
247	14.5	16.3	13.8	15.7	19.1	19.5	19.1	19.5
248	13.6	15.3	13.0	14.7	17.2	17.6	17.2	17.6
249	12.4	13.5	11.9	13.1	17.4	17.7	17.4	17.7
250	11.8	12.6	11.4	12.3	17.4	17.5	17.4	17.6
256	18.4	18.2	17.0	16.9	19.9	19.8	19.9	19.8
257	25.2	20.2	24.1	19.5	21.7	20.9	21.8	20.9
259	20.1	17.5	19.7	17.2	18.9	18.4	18.9	18.4
260	19.4	17.1	19.0	16.8	18.8	18.4	18.8	18.4
261	19.8	17.5	19.3	17.1	18.8	18.4	18.9	18.4

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
262	15.7	15.2	15.5	14.9	18.4	18.3	18.4	18.3
263	17.5	16.0	17.0	15.6	18.6	18.3	18.6	18.3
264	16.6	15.4	16.0	15.0	18.5	18.3	18.5	18.3
265	15.8	15.0	15.3	14.6	18.4	18.2	18.4	18.3
266	15.3	14.7	15.0	14.4	18.4	18.3	18.4	18.3
267	16.1	15.2	15.7	14.9	18.5	18.3	18.5	18.3
268	15.3	14.7	15.2	14.6	18.4	18.3	18.4	18.3
269	14.8	14.4	14.6	14.2	18.3	18.2	18.3	18.3
270	16.4	15.5	16.1	15.2	18.5	18.3	18.5	18.3
271	15.0	14.7	14.8	14.4	18.3	18.3	18.3	18.3
277	14.4	14.1	14.2	13.9	18.3	18.2	18.3	18.2
279	14.3	14.1	14.2	13.9	18.3	18.2	18.3	18.2
280	14.5	14.2	14.4	14.1	18.3	18.3	18.3	18.3
281	15.3	14.7	15.3	14.7	18.5	18.4	18.5	18.4
282	14.0	13.7	14.0	13.6	17.1	17.0	17.1	17.0
283	13.9	13.8	13.8	13.6	18.2	18.2	18.2	18.2
284	13.9	13.8	13.7	13.6	18.2	18.2	18.2	18.2
286	13.9	13.5	13.9	13.5	17.1	17.0	17.1	17.0
287	13.0	12.7	13.0	12.7	16.0	16.0	16.0	16.0
288	14.2	13.8	14.3	13.9	16.3	16.2	16.3	16.2
289	14.4	14.0	14.6	14.1	16.3	16.2	16.3	16.2

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
290	11.8	11.7	11.7	11.6	15.8	15.8	15.8	15.8
299	11.8	12.4	11.8	12.3	16.9	17.1	16.9	17.1
301	12.0	26.3	11.9	23.4	16.6	20.0	16.7	20.0
302	12.1	13.5	11.9	13.0	16.7	17.0	16.7	17.0
303	12.1	12.6	12.0	12.3	16.7	16.8	16.7	16.8
304	11.0	14.3	10.9	13.7	16.5	17.3	16.5	17.3
306	10.9	10.9	10.8	10.8	18.5	18.5	18.5	18.5
325	10.7	10.8	10.6	10.7	16.9	16.9	16.9	16.9
326	10.8	10.8	10.7	10.8	16.9	16.9	16.9	16.9
327	13.1	13.2	13.1	13.3	17.1	17.2	17.2	17.2
328	11.5	11.6	11.4	11.6	17.0	17.0	17.0	17.0
330	15.4	15.4	15.0	15.6	17.0	17.0	17.0	17.1
331	20.7	20.7	19.8	21.2	17.6	17.6	17.6	17.7
332	20.4	20.5	19.5	20.9	17.6	17.6	17.6	17.7
333	17.7	17.8	17.5	18.2	17.3	17.3	17.3	17.4
334	21.7	21.9	20.0	22.3	19.2	19.3	19.2	19.4
335	21.4	21.6	19.7	21.9	19.2	19.2	19.2	19.3
336	21.5	21.5	19.7	21.8	19.2	19.2	19.2	19.3
337	17.4	17.5	16.4	17.6	18.7	18.8	18.8	18.8
338	18.1	18.2	17.0	18.3	18.8	18.9	18.8	18.9
339	22.1	22.2	20.3	22.5	19.3	19.3	19.3	19.4

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
340	13.0	13.1	12.8	13.1	16.8	16.8	16.8	16.8
341	17.7	17.8	17.0	18.0	18.8	18.8	18.8	18.9
344	13.5	13.6	13.2	13.6	18.3	18.3	18.3	18.4
345	14.1	14.2	13.7	14.2	18.4	18.4	18.4	18.4
352	12.6	12.7	12.5	12.7	16.7	16.7	16.7	16.8
354	18.2	18.3	17.1	18.4	18.8	18.9	18.8	18.9
430	13.0	10.9	12.4	10.7	17.3	17.1	17.3	17.1
431	27.7	21.2	28.6	21.1	22.2	20.9	22.4	20.9
432	20.8	17.7	21.2	17.9	20.2	19.6	20.3	19.6
433	28.0	20.8	27.9	20.8	21.6	20.3	21.8	20.3
434	16.3	15.3	16.2	15.2	20.2	20.0	20.2	20.0
453	13.8	13.8	13.4	13.4	16.7	16.7	16.7	16.7
454	15.4	15.4	14.6	14.6	16.9	16.9	16.9	16.9
455	18.2	18.4	16.9	17.1	17.1	17.1	17.1	17.1
456	26.0	26.6	23.4	23.8	17.9	18.0	17.9	18.0
457	17.1	17.3	16.1	16.2	17.0	17.0	17.0	17.0
458	15.3	15.1	14.5	14.4	16.8	16.8	16.9	16.8
459	15.2	15.0	14.5	14.3	16.8	16.8	16.8	16.8
460	19.1	16.8	19.2	16.8	20.5	20.1	20.6	20.1
461	28.6	21.1	28.0	20.8	21.1	19.7	21.2	19.7
462	24.5	20.3	22.6	19.1	19.9	19.1	19.9	19.1

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
463	26.2	20.9	27.0	20.9	20.1	19.1	20.3	19.1
464	24.3	20.8	25.2	21.3	19.9	19.2	20.0	19.2
465	23.0	19.4	23.6	19.6	19.7	19.0	19.9	19.0
466	20.8	17.8	21.4	17.8	19.6	19.0	19.7	19.0
467	27.1	21.5	28.1	21.9	20.2	19.2	20.4	19.2
468	25.3	20.6	26.2	21.0	20.0	19.1	20.2	19.1
469	26.1	20.9	27.1	21.3	20.1	19.1	20.3	19.1
470	29.8	22.5	31.0	22.9	20.6	19.2	20.8	19.2
471	24.8	20.3	25.6	20.6	19.9	19.1	20.1	19.1
472	27.9	21.7	28.9	22.0	20.3	19.1	20.6	19.2
473	29.1	22.2	30.2	22.6	20.5	19.2	20.7	19.2
474	20.4	19.0	21.3	19.6	19.5	19.2	19.5	19.2
475	19.8	18.5	20.6	19.1	19.4	19.1	19.4	19.1
476	20.7	19.5	21.8	20.1	19.5	19.3	19.6	19.3
477	17.7	17.0	18.3	16.5	19.1	19.0	19.2	19.0
478	20.4	19.3	21.9	18.2	19.5	19.3	19.6	19.3
479	19.4	18.5	20.6	17.5	19.4	19.2	19.4	19.2
480	18.0	17.4	18.9	16.7	19.2	19.1	19.2	19.1
481	17.9	17.2	18.6	16.6	19.2	19.0	19.2	19.0
482	18.6	17.2	19.0	17.2	19.2	18.9	19.3	18.9
484	15.2	14.5	15.9	13.9	17.8	17.7	17.8	17.7

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
485	16.0	14.9	15.7	14.6	17.9	17.7	17.9	17.7
486	26.7	20.8	27.4	21.1	21.2	20.1	21.4	20.1
487	19.6	17.5	19.8	17.5	20.3	19.9	20.4	19.9
488	17.9	16.6	17.9	16.5	20.2	19.9	20.2	19.9
489	15.3	14.4	15.1	14.1	17.8	17.6	17.8	17.6
490	17.3	16.1	17.4	16.1	20.1	19.8	20.1	19.8
491	16.3	15.6	16.4	15.5	20.0	19.8	20.0	19.8
493	22.8	19.1	22.2	18.7	20.7	20.0	20.8	20.0
516	10.8	10.8	10.8	10.8	16.2	16.2	16.2	16.2
517	11.7	11.7	11.5	11.5	17.3	17.3	17.3	17.3
518	11.5	11.5	11.3	11.3	17.3	17.3	17.3	17.3
519	13.1	13.3	12.6	12.8	17.5	17.5	17.5	17.5
520	13.0	13.2	12.6	12.7	17.5	17.5	17.5	17.5
521	11.0	11.0	11.0	10.9	17.2	17.2	17.2	17.2
523	13.3	13.5	12.8	13.0	17.5	17.6	17.5	17.6
524	14.6	15.0	13.9	14.2	17.7	17.8	17.7	17.8
525	13.3	13.5	12.8	12.9	17.5	17.6	17.5	17.6
526	13.5	13.7	13.1	13.2	18.7	18.7	18.7	18.7
527	16.0	16.2	15.9	15.8	20.4	20.5	20.5	20.5
528	26.2	23.9	27.3	22.4	20.5	19.9	20.7	19.9
529	14.3	14.5	14.5	14.2	19.1	19.1	19.2	19.1

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
568	10.3	10.4	10.3	10.3	16.9	16.9	16.9	16.9
569	10.3	10.3	10.2	10.2	16.9	16.9	16.9	16.9
604	11.1	11.0	10.8	10.9	17.1	17.2	17.1	17.2
628	13.8	13.7	13.5	13.4	19.0	19.0	19.0	19.0
629	13.6	13.6	13.4	13.3	17.9	17.9	17.9	17.9
634	13.8	13.8	13.0	13.1	16.6	16.6	16.6	16.6
635	13.9	13.9	13.2	13.2	17.2	17.2	17.2	17.2
636	16.4	16.6	14.7	14.8	17.0	17.0	17.0	17.0
637	13.6	13.6	13.1	13.1	17.2	17.2	17.2	17.2
638	13.1	13.1	12.7	12.7	17.1	17.1	17.1	17.1
642	14.1	14.1	13.5	13.5	17.2	17.2	17.2	17.2
643	15.2	15.2	14.4	14.4	17.0	17.0	17.0	17.0
644	14.9	14.9	14.2	14.2	16.9	16.9	16.9	16.9
645	13.0	13.0	12.6	12.6	16.5	16.5	16.5	16.5
646	12.7	12.7	12.4	12.4	17.0	17.0	17.0	17.0
647	14.1	14.1	14.4	13.6	17.2	17.2	17.2	17.2
648	14.4	14.5	14.7	14.8	16.6	16.6	16.6	16.6
649	14.2	14.2	14.4	14.6	16.6	16.6	16.6	16.6
650	14.2	14.3	14.5	14.7	16.6	16.6	16.6	16.6
651	13.0	13.0	13.1	13.2	16.3	16.3	16.3	16.3
652	16.6	16.7	17.0	17.2	18.1	18.1	18.1	18.1

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
653	15.2	15.2	15.3	15.3	17.8	17.8	17.8	17.8
654	16.0	16.0	16.2	16.3	18.0	18.0	18.0	18.0
655	16.4	16.5	16.9	17.1	19.0	19.0	19.0	19.0
656	16.9	17.0	17.6	17.7	19.0	19.0	19.0	19.0
659	14.8	14.8	14.2	14.2	16.7	16.7	16.7	16.7
660	15.0	15.0	14.3	14.3	16.8	16.8	16.8	16.8
661	16.4	16.4	15.9	15.9	17.5	17.5	17.5	17.5
662	14.3	14.3	14.2	14.2	17.1	17.1	17.1	17.1
663	16.9	16.9	16.3	16.3	17.6	17.6	17.6	17.6
664	15.6	15.6	15.4	15.4	17.3	17.3	17.3	17.3
665	19.4	19.4	20.1	20.1	18.1	18.1	18.1	18.1
666	18.2	18.3	18.7	18.7	17.8	17.8	17.8	17.8
667	19.2	19.2	19.1	19.0	17.8	17.8	17.8	17.8
744	10.9	10.9	10.8	10.8	16.7	16.7	16.7	16.7
745	11.0	11.0	10.9	10.9	16.7	16.7	16.7	16.7
746	11.2	11.1	11.1	11.0	16.7	16.7	16.7	16.7
747	11.1	11.1	11.0	11.0	16.7	16.7	16.7	16.7
748	11.5	11.3	11.3	11.2	16.8	16.8	16.8	16.8
749	10.8	10.8	10.8	10.8	16.7	16.7	16.7	16.7
750	10.8	10.8	10.8	10.7	16.7	16.7	16.7	16.7
751	11.6	11.5	11.4	11.3	16.8	16.8	16.8	16.8

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
752	11.8	11.6	11.5	11.4	16.8	16.8	16.8	16.8
753	12.1	11.9	11.8	11.6	18.1	18.1	18.1	18.1
843	11.9	12.0	11.7	11.7	17.3	17.3	17.3	17.3
844	11.4	11.4	11.2	11.2	17.3	17.3	17.3	17.3
845	12.0	11.7	12.2	11.8	17.3	17.3	17.3	17.3
846	12.7	12.1	13.0	12.4	17.4	17.3	17.4	17.3
847	11.7	11.4	11.8	11.5	17.3	17.3	17.3	17.3
848	11.6	11.3	11.7	11.4	17.3	17.2	17.3	17.2
849	11.7	11.5	11.7	11.6	17.0	16.9	17.0	16.9
850	11.2	11.2	11.2	11.2	16.9	16.9	16.9	16.9
851	11.1	11.1	11.1	11.1	16.9	16.9	16.9	16.9
853	12.0	11.7	12.1	12.0	17.0	17.0	17.0	17.0
854	12.1	11.7	12.3	12.2	17.0	17.0	17.0	17.0
855	11.6	11.4	11.6	11.5	17.0	16.9	17.0	16.9
856	11.5	11.3	11.6	11.3	17.0	16.9	17.0	16.9
857	12.1	11.3	12.1	11.3	17.0	16.9	17.0	16.9
858	11.4	11.1	11.4	11.1	16.9	16.9	16.9	16.9
859	11.7	11.2	11.7	11.1	17.0	16.9	17.0	16.9
860	11.6	11.2	11.6	11.1	17.0	16.9	17.0	16.9
861	11.2	11.1	11.2	11.0	16.9	16.9	16.9	16.9
862	11.1	11.0	11.1	11.0	16.9	16.9	16.9	16.9

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
863	11.0	11.0	11.0	10.9	16.9	16.9	16.9	16.9
864	11.0	11.0	10.9	10.9	16.9	16.9	16.9	16.9
865	11.1	11.0	11.0	11.0	16.9	16.9	16.9	16.9
866	13.9	14.5	13.5	13.9	19.0	19.0	19.0	19.0
867	20.5	18.6	19.6	17.8	20.3	20.1	20.4	20.1
868	17.7	17.5	17.2	16.8	20.0	20.0	20.0	20.0
869	17.2	17.0	16.8	16.4	20.0	19.9	20.0	19.9
870	17.8	18.7	17.3	17.9	20.0	20.1	20.1	20.1
871	17.8	18.9	17.3	18.0	20.0	20.1	20.0	20.1
872	16.9	17.4	16.6	16.9	19.9	20.0	20.0	20.0
873	17.1	16.9	16.6	16.4	19.9	19.9	20.0	19.9
874	32.7	33.0	30.6	29.6	21.1	21.2	21.2	21.2
875	32.9	33.2	30.6	29.7	21.2	21.2	21.3	21.2
876	32.9	33.2	30.7	29.7	21.2	21.2	21.3	21.2
877	14.5	14.3	14.0	13.8	18.2	18.2	18.2	18.2
878	14.9	14.6	14.3	14.0	18.2	18.2	18.2	18.2
879	17.0	16.4	15.8	15.3	17.5	17.4	17.5	17.4
880	14.7	14.3	14.0	13.7	17.3	17.2	17.3	17.2
881	13.4	13.2	13.0	12.8	17.1	17.1	17.2	17.1
882	15.9	15.4	15.0	14.5	17.4	17.3	17.4	17.3
883	13.1	12.9	12.7	12.5	17.1	17.1	17.1	17.1

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
884	13.0	12.8	12.8	12.6	17.1	17.1	17.1	17.1
885	12.9	12.7	12.9	12.7	17.1	17.1	17.1	17.1
886	12.6	12.5	12.4	12.2	17.1	17.1	17.1	17.1
887	16.4	15.5	15.4	14.7	17.4	17.3	17.4	17.3
888	14.6	14.0	13.9	13.4	17.3	17.2	17.3	17.2
889	13.8	13.3	13.3	12.9	17.2	17.1	17.2	17.1
890	12.7	12.5	12.4	12.2	17.1	17.1	17.1	17.1
891	12.8	12.7	12.9	12.7	17.1	17.1	17.1	17.1
892	13.1	12.9	13.2	13.0	17.2	17.1	17.2	17.1
893	12.2	12.1	12.3	12.1	17.1	17.0	17.1	17.0
894	12.3	12.2	12.4	12.2	17.1	17.0	17.1	17.0
895	12.4	12.2	12.2	12.0	17.4	17.4	17.4	17.4
896	12.6	12.4	12.4	12.2	17.5	17.4	17.5	17.4
897	12.8	12.6	12.5	12.4	17.5	17.5	17.5	17.5
898	13.4	13.2	13.6	13.4	17.2	17.2	17.2	17.2
899	13.5	13.3	13.8	13.5	17.2	17.2	17.2	17.2
900	12.4	12.2	12.5	12.3	15.8	15.8	15.8	15.8
901	12.5	12.3	12.7	12.4	15.8	15.8	15.8	15.8
902	12.8	12.6	13.0	12.7	17.0	17.0	17.0	17.0
903	11.0	11.0	11.0	10.9	16.8	16.8	16.8	16.8
904	12.1	11.9	12.0	11.8	16.9	16.9	16.9	16.9

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
905	12.9	12.7	12.6	12.4	17.5	17.5	17.5	17.5
906	12.2	12.1	12.0	11.9	17.4	17.4	17.4	17.4
907	13.5	13.4	13.2	13.1	18.1	18.1	18.1	18.1
908	27.3	29.5	26.2	27.5	22.3	22.6	22.3	22.6
909	26.6	27.2	25.5	25.1	22.2	22.2	22.2	22.3
910	24.8	25.8	23.3	23.0	20.8	21.0	20.9	21.0
911	23.8	24.4	22.3	21.9	20.6	20.8	20.7	20.8
912	17.0	17.0	16.8	16.7	19.1	19.1	19.1	19.1
913	17.7	17.7	17.3	17.3	20.0	20.0	20.0	20.0
914	12.3	12.3	12.0	12.3	17.4	17.4	17.4	17.4
915	11.3	11.3	11.2	11.3	17.3	17.3	17.3	17.3
1011	12.3	12.2	12.3	12.2	17.7	17.7	17.7	17.7
1012	13.2	13.1	13.2	13.1	17.4	17.4	17.4	17.4
1013	14.3	14.1	14.5	14.2	17.6	17.5	17.6	17.5
1041	14.7	14.7	14.7	14.6	17.6	17.6	17.6	17.6
1042	14.8	14.7	14.7	14.7	17.6	17.6	17.6	17.6
1059	14.7	14.7	14.7	14.7	17.6	17.6	17.6	17.6
1060	15.0	15.0	15.0	15.0	17.6	17.6	17.6	17.6
1061	15.4	15.4	15.4	15.3	17.7	17.7	17.7	17.7
1062	14.8	14.8	14.7	14.7	17.6	17.6	17.6	17.6
1063	14.7	14.7	14.7	14.6	17.6	17.6	17.6	17.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1064	14.7	14.7	14.7	14.7	17.6	17.6	17.6	17.6
1065	15.1	15.1	15.1	15.1	17.7	17.7	17.7	17.7
1066	15.0	15.0	14.9	14.9	17.6	17.6	17.6	17.6
1067	15.1	15.1	15.0	15.0	17.6	17.6	17.7	17.6
1068	15.1	15.1	15.1	15.0	17.6	17.6	17.7	17.6
1069	17.0	17.1	17.2	17.3	18.0	18.1	18.1	18.1
1070	16.4	16.5	16.6	16.6	17.9	17.9	17.9	17.9
1071	17.2	17.3	17.4	17.4	18.1	18.1	18.1	18.1
1072	17.8	17.9	18.0	18.0	18.2	18.2	18.2	18.2
1073	15.2	15.2	15.2	15.1	17.7	17.7	17.7	17.7
1074	18.1	17.9	17.7	17.5	19.3	19.3	19.3	19.3
1075	21.2	21.0	20.6	20.5	19.7	19.7	19.7	19.7
1076	17.7	17.7	17.6	17.6	18.0	18.0	18.1	18.1
1077	24.9	24.3	23.3	22.9	19.9	19.8	20.0	19.9
1078	22.5	22.0	21.3	20.9	19.7	19.6	19.7	19.7
1079	17.9	18.0	18.0	18.1	18.2	18.2	18.2	18.2
1089	18.6	18.6	18.7	18.6	20.5	20.5	20.5	20.5
1090	18.7	18.8	18.8	18.6	18.6	18.6	18.6	18.6
1091	18.6	18.7	18.4	18.2	19.4	19.4	19.4	19.4
1092	24.7	24.6	23.1	22.9	19.9	19.9	20.0	19.9
1093	22.7	22.6	21.4	21.2	19.7	19.7	19.7	19.7

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1094	26.0	25.4	25.5	23.7	21.5	21.4	21.5	21.4
1095	21.6	21.2	21.3	20.2	20.9	20.9	21.0	20.9
1096	22.9	22.8	22.3	21.5	19.8	19.8	19.8	19.8
1097	21.6	21.4	21.1	20.4	19.6	19.6	19.6	19.6
1098	22.7	22.6	22.1	21.3	19.8	19.7	19.8	19.8
1099	21.8	21.6	21.2	20.5	19.6	19.6	19.7	19.6
1100	23.5	23.3	22.9	22.0	20.0	19.9	20.0	19.9
1101	21.9	21.5	21.5	20.5	19.6	19.6	19.7	19.6
1102	22.1	22.0	21.6	20.9	19.8	19.8	19.8	19.8
1103	20.9	20.7	20.6	19.8	19.6	19.5	19.6	19.5
1104	22.8	22.9	22.1	21.6	19.9	19.9	19.9	19.9
1105	20.1	20.2	19.5	19.3	19.6	19.6	19.6	19.6
1106	18.4	18.5	18.1	17.9	19.3	19.3	19.3	19.3
1107	18.6	19.0	18.0	18.2	19.5	19.6	19.5	19.6
1108	17.4	17.7	17.0	17.1	19.3	19.3	19.3	19.3
1109	16.8	16.9	16.4	16.5	19.1	19.2	19.2	19.2
1110	16.5	16.6	16.2	16.2	19.1	19.1	19.1	19.1
1111	16.9	17.1	16.6	16.7	19.2	19.2	19.2	19.2
1112	14.2	14.4	13.9	14.0	17.6	17.6	17.6	17.6
1113	14.8	15.1	14.3	14.5	17.7	17.8	17.7	17.8
1114	14.1	14.2	13.8	13.8	17.6	17.6	17.6	17.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1115	14.8	15.1	14.3	14.6	17.7	17.8	17.7	17.8
1116	13.5	13.6	13.3	13.4	17.5	17.5	17.5	17.5
1117	13.8	13.9	13.5	13.6	17.5	17.6	17.5	17.6
1118	13.9	14.0	13.6	13.7	17.5	17.6	17.5	17.6
1119	14.9	15.1	14.6	14.7	17.7	17.8	17.7	17.8
1120	14.1	14.0	14.1	13.9	17.5	17.5	17.5	17.5
1121	14.5	14.3	14.6	14.3	17.6	17.5	17.6	17.5
1122	15.4	15.0	15.6	15.1	17.7	17.6	17.7	17.6
1123	15.1	14.8	15.3	14.9	17.7	17.6	17.7	17.6
1124	14.7	14.4	14.9	14.5	17.6	17.6	17.6	17.6
1125	15.3	14.9	15.6	15.1	17.7	17.6	17.7	17.6
1126	18.0	18.1	17.8	17.8	19.3	19.3	19.3	19.3
1127	17.1	17.3	17.1	17.2	19.2	19.2	19.2	19.2
1128	17.0	17.1	17.0	17.0	19.2	19.2	19.2	19.2
1129	17.2	17.4	17.2	17.4	19.2	19.3	19.3	19.3
1130	14.3	14.5	14.4	14.5	18.3	18.3	18.3	18.3
1131	16.2	16.4	16.4	16.6	18.6	18.7	18.6	18.7
1132	18.2	18.7	18.8	19.3	19.0	19.1	19.0	19.2
1133	14.5	14.6	14.6	14.6	18.3	18.3	18.3	18.3
1134	15.4	15.6	15.3	15.5	18.5	18.5	18.5	18.6
1135	15.7	16.0	15.6	15.8	18.6	18.6	18.6	18.6

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1136	14.1	14.3	14.1	14.3	18.3	18.3	18.3	18.3
1137	13.7	13.8	13.6	13.7	18.2	18.2	18.2	18.2
1138	13.7	13.8	13.7	13.8	18.2	18.2	18.2	18.2
1139	15.1	15.3	15.1	15.4	18.5	18.5	18.5	18.5
1140	15.0	15.2	15.1	15.3	18.4	18.5	18.4	18.5
1141	16.0	16.3	16.0	16.2	18.6	18.7	18.6	18.7
1142	13.2	13.2	13.1	13.1	18.1	18.1	18.1	18.1
1143	12.9	12.9	12.8	12.8	18.0	18.0	18.0	18.0
1144	12.7	12.7	12.6	12.6	18.0	18.0	18.0	18.0
1215	17.0	17.0	16.8	16.7	19.2	19.2	19.2	19.2
1218	17.6	17.5	17.2	17.1	19.2	19.2	19.2	19.2
1225	17.1	17.1	17.1	17.0	18.4	18.4	18.4	18.4
1226	16.9	16.9	16.9	16.8	18.4	18.3	18.4	18.4
1227	17.3	17.2	17.5	17.3	18.4	18.4	18.5	18.4
1228	18.0	17.8	18.2	18.0	18.6	18.5	18.6	18.5
1229	17.9	17.7	18.1	17.9	18.6	18.5	18.6	18.5
1230	17.4	17.2	17.7	17.4	18.5	18.5	18.5	18.5
1231	16.8	16.8	16.9	16.7	18.4	18.3	18.4	18.4
1232	16.7	16.6	16.7	16.6	18.3	18.3	18.3	18.3
1233	19.0	18.8	19.2	19.0	19.2	19.2	19.3	19.2
1234	18.6	18.5	18.8	18.6	19.2	19.1	19.2	19.1

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1235	18.8	18.6	19.0	18.8	19.2	19.2	19.2	19.2
1236	18.5	18.3	18.6	18.5	19.2	19.1	19.2	19.1
1237	18.4	18.3	18.5	18.4	19.1	19.1	19.2	19.1
1238	18.4	18.3	18.5	18.4	19.1	19.1	19.1	19.1
1239	18.3	18.3	18.5	18.3	19.1	19.1	19.1	19.1
1244	17.8	17.8	17.8	17.8	19.0	19.0	19.0	19.0
1245	18.1	18.0	18.1	18.1	19.1	19.1	19.1	19.1
1247	18.3	18.2	18.4	18.3	19.1	19.1	19.1	19.1
1248	15.2	15.2	15.3	15.2	16.8	16.7	16.8	16.7
1260	18.2	18.1	18.3	18.2	19.1	19.1	19.1	19.1
1261	17.9	17.8	17.9	17.8	19.0	19.0	19.0	19.0
1262	14.9	14.8	14.9	14.8	16.7	16.7	16.7	16.7
1263	14.9	14.9	14.9	14.9	16.7	16.7	16.7	16.7
1277	14.8	14.8	14.8	14.8	16.7	16.7	16.7	16.7
1278	14.8	14.8	14.8	14.8	16.7	16.7	16.7	16.7
1330	14.9	14.8	14.9	14.8	16.7	16.7	16.7	16.7
1487	17.6	17.9	17.5	17.1	20.0	19.9	20.0	20.0
1488	10.3	11.9	10.2	11.6	17.3	17.6	17.3	17.6
1489	10.7	11.3	10.6	11.1	17.6	17.7	17.6	17.7
1491	10.7	11.6	10.6	11.5	16.5	16.7	16.5	16.7
1493	14.4	15.2	14.2	14.7	20.6	20.7	20.6	20.7

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1494	15.8	15.0	15.8	15.0	19.6	19.5	19.7	19.5
1495	13.2	12.7	12.7	12.4	18.9	18.8	18.9	18.8
1497	13.2	14.7	12.6	14.2	17.2	17.5	17.2	17.5
1498	12.4	13.4	11.9	13.1	17.4	17.7	17.4	17.7
1500	11.0	11.4	10.8	11.2	17.3	17.4	17.3	17.4
1501	11.9	12.7	11.5	12.4	17.0	17.1	17.0	17.2
1519	24.2	20.9	23.0	20.2	20.2	19.6	20.2	19.6
1520	25.9	22.5	24.3	21.5	20.4	19.8	20.4	19.8
1521	26.7	22.6	25.1	21.6	20.4	19.8	20.5	19.8
1522	19.6	18.1	19.2	17.9	18.1	17.8	18.2	17.8
1523	19.7	18.3	19.2	18.0	18.1	17.9	18.1	17.9
1524	25.4	25.4	24.2	24.2	20.8	20.8	20.8	20.8
1525	26.1	26.1	24.8	24.8	20.9	20.9	20.9	20.9
1526	23.2	23.2	22.4	22.4	20.6	20.6	20.6	20.6
1527	17.7	18.0	15.6	15.8	18.4	18.5	18.4	18.5
1529	14.4	14.6	13.6	13.7	17.4	17.5	17.4	17.5
1530	14.8	14.7	14.1	14.0	17.5	17.5	17.5	17.5
1532	14.0	13.9	13.9	13.8	16.3	16.3	16.3	16.3
1533	16.0	15.6	15.7	15.4	16.7	16.6	16.7	16.6
1534	20.8	20.0	19.3	18.7	17.4	17.2	17.4	17.2
1535	20.8	20.0	19.3	18.7	17.4	17.2	17.4	17.2

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
1536	17.2	16.6	17.5	16.9	17.0	16.8	17.0	16.8
1537	22.4	21.7	27.3	26.7	17.3	17.3	17.3	17.3
1538	29.5	25.6	30.9	27.1	20.0	19.7	20.0	19.7
1539	32.3	26.6	32.0	27.8	20.0	19.6	20.0	19.6
1540	24.7	20.6	23.3	19.9	20.5	19.7	20.5	19.7
1541	19.7	18.3	19.4	18.1	19.6	19.3	19.6	19.3
1542	16.0	14.7	15.7	14.5	17.2	16.9	17.2	16.9
1543	15.8	14.8	15.9	14.9	17.4	17.2	17.4	17.2
1544	22.7	18.9	22.0	18.5	20.4	19.7	20.4	19.7
1545	21.0	18.4	21.0	18.3	20.3	19.8	20.4	19.8
1546	19.4	17.6	19.0	17.4	20.0	19.6	20.0	19.6
1547	12.7	12.4	12.4	12.1	17.6	17.6	17.6	17.6
1548	19.4	16.9	18.9	16.6	19.9	19.5	20.0	19.5
1549	17.1	15.6	16.6	15.3	19.7	19.4	19.7	19.4
1550	20.4	17.4	19.8	17.1	20.0	19.5	20.1	19.6
1557	14.0	13.6	14.0	13.6	17.1	17.0	17.1	17.0
1558	19.4	18.1	18.2	17.1	21.1	20.8	21.1	20.9
1565	22.2	22.4	20.4	22.8	19.3	19.3	19.3	19.4
1567	10.7	12.1	10.6	11.9	16.5	16.8	16.5	16.8
1572	10.2	12.3	10.2	11.9	17.3	17.7	17.3	17.7
B1	14.7	15.0	14.5	14.7	20.6	20.7	20.6	20.7

Receptor	Annual Mean NO ₂ Concentrations (µg/m ³)				Annual Mean PM ₁₀ Concentrations (µg/m ³)			
	IAN185/15 Assessment		Sensitivity Test		IAN185/15 Assessment		Sensitivity Test	
	DM	DS	DM	DS	DM	DS	DM	DS
B2	14.7	15.0	14.5	14.6	20.6	20.7	20.6	20.7
B3	14.6	15.0	14.5	14.6	20.6	20.7	20.6	20.7
B4	14.6	15.0	14.4	14.6	20.6	20.7	20.6	20.7
B5	12.8	13.2	12.6	12.8	18.4	18.5	18.4	18.5
B6	12.7	13.2	12.6	12.9	18.4	18.5	18.4	18.5
B7	14.7	15.0	14.5	14.7	20.6	20.7	20.6	20.7