

Appendix 9.9 – Cumulative Assessment of Rail Central & Proposed Development

This appendix outlines the cumulative impact of Rail Central & the Proposed Development.

There was no change in significance at any receptor due to the combined operation of the Rail Central and Northampton Gateway schemes; as such, the conclusions reached for the scheme in the absence of Rail Central remain valid and the cumulative impact can therefore be considered ***Negligible*** in significance.

Table A9.9.1: Predicted Annual Mean NO₂ Concentrations (µg.m⁻³) at Sensitive Receptors (2031)

Receptor	2018 Baseline	2031 Without Development	2031 With Development	Change due to Proposed Development		Significance of Impact	2031 With + Rail Central	Change due to Proposed Development + Rail Central		Significance of Impact
	A	B	C	C-B	As a % of AQS		D	D-B	As a % of AQS	
AQMA 1 Collingtree										
C1	40.1	21.0	21.2	0.2	0.5	Negligible	21.3	0.3	0.8	Negligible
C2	38.6	20.3	20.5	0.2	0.4	Negligible	20.6	0.3	0.8	Negligible
C3	37.0	19.5	19.7	0.2	0.4	Negligible	19.8	0.3	0.7	Negligible
C4	35.5	18.8	19.0	0.2	0.4	Negligible	19.1	0.3	0.7	Negligible
C5	29.0	15.8	15.9	0.1	0.3	Negligible	16.0	0.2	0.5	Negligible
C6	32.1	17.2	17.4	0.1	0.4	Negligible	17.5	0.2	0.6	Negligible
C7	30.4	16.5	16.6	0.1	0.3	Negligible	16.7	0.2	0.5	Negligible
C8	33.1	17.7	17.9	0.2	0.4	Negligible	18.0	0.3	0.6	Negligible
C9	33.2	17.7	17.9	0.2	0.4	Negligible	18.0	0.3	0.6	Negligible
C10	33.1	17.7	17.8	0.1	0.4	Negligible	17.9	0.3	0.6	Negligible
C11	33.1	17.7	17.8	0.1	0.4	Negligible	17.9	0.2	0.6	Negligible
C12	33.1	17.7	17.8	0.1	0.4	Negligible	17.9	0.2	0.6	Negligible
C13	35.0	18.6	18.7	0.2	0.4	Negligible	18.8	0.3	0.7	Negligible
C14	35.0	18.5	18.7	0.2	0.4	Negligible	18.8	0.3	0.7	Negligible
C15	34.8	18.5	18.6	0.2	0.4	Negligible	18.7	0.3	0.7	Negligible
C16	39.6	20.7	20.9	0.2	0.5	Negligible	21.0	0.3	0.8	Negligible
C17	34.6	18.4	18.5	0.2	0.4	Negligible	18.6	0.3	0.7	Negligible
NSSUE1	26.9	14.9	15.0	0.1	0.2	Negligible	15.1	0.2	0.4	Negligible
NSSUE2	29.4	16.1	16.1	0.1	0.2	Negligible	16.2	0.2	0.5	Negligible
NSSUE3	28.6	15.7	15.8	0.1	0.2	Negligible	15.8	0.2	0.5	Negligible
AQMA No.5 Wootton										
W1	21.3	11.2	11.6	0.4	1.0	Negligible	11.7	0.4	1.1	Negligible
W2	28.0	13.9	14.5	0.7	1.6	Negligible	14.5	0.7	1.6	Negligible
W3	23.9	12.2	12.7	0.5	1.2	Negligible	12.7	0.5	1.2	Negligible
W4	28.6	14.1	14.8	0.7	1.7	Negligible	14.8	0.7	1.7	Negligible
W5	24.9	12.6	13.1	0.5	1.3	Negligible	13.1	0.5	1.4	Negligible
AQMA No.4 Kingsthorpe										
K1	36.5	17.2	17.3	0.1	0.3	Negligible	17.4	0.2	0.6	Negligible

K2	27.4	14.4	14.6	0.2	0.4	Negligible	14.7	0.2	0.6	Negligible
K3	44.2	19.1	19.2	0.2	0.4	Negligible	19.3	0.3	0.7	Negligible
K4	40.3	22.1	22.3	0.2	0.4	Negligible	22.1	0.0	-0.1	Negligible
K5	38.7	19.6	19.7	0.1	0.1	Negligible	19.8	0.2	0.4	Negligible
K6	39.8	20.1	20.1	0.1	0.2	Negligible	20.2	0.2	0.5	Negligible
K7	44.4	22.1	22.1	0.1	0.2	Negligible	22.3	0.2	0.6	Negligible
K8	30.4	16.1	16.1	0.0	0.1	Negligible	16.2	0.1	0.3	Negligible
K9	27.1	14.8	14.8	0.0	0.0	Negligible	14.9	0.1	0.3	Negligible
K10	42.4	22.2	22.5	0.3	0.7	Negligible	23.3	1.2	2.9	Negligible
K11	34.9	18.8	18.9	0.1	0.1	Negligible	19.2	0.4	1.0	Negligible
K12	35.4	18.8	18.9	0.2	0.4	Negligible	19.5	0.7	1.9	Negligible
K13	39.2	19.8	19.9	0.1	0.1	Negligible	20.0	0.2	0.4	Negligible
AQMA No.2 Victoria Promenade										
VP1	37.8	19.7	19.7	0.0	0.0	Negligible	19.8	0.1	0.2	Negligible
VP2	39.8	20.3	20.3	0.0	0.0	Negligible	20.4	0.1	0.3	Negligible
VP3	50.0	23.3	23.1	-0.1	-0.4	Negligible	23.4	0.2	0.4	Negligible
VP4	36.4	21.7	21.7	0.0	0.0	Negligible	21.8	0.0	0.1	Negligible
VP5	34.1	21.6	21.5	-0.1	-0.1	Negligible	21.5	0.0	0.0	Negligible
VP6	36.3	22.0	22.1	0.1	0.2	Negligible	22.1	0.1	0.4	Negligible
AQMA No.8 St Michaels Road										
SM1	29.1	20.3	20.2	0.0	0.0	Negligible	20.2	0.0	-0.1	Negligible
SM2	27.7	19.8	19.8	0.0	0.0	Negligible	19.8	0.0	-0.1	Negligible
SM3	27.5	19.7	19.7	0.0	-0.1	Negligible	19.7	0.0	-0.1	Negligible
AQMA No.6 Campbell Square										
CS1	62.6	31.4	31.7	0.4	0.9	Negligible	31.9	0.6	1.4	Negligible
CS2	46.5	24.7	25.1	0.3	0.9	Negligible	25.2	0.5	1.1	Negligible
CS3	33.9	19.8	20.1	0.3	0.7	Negligible	20.1	0.3	0.8	Negligible
CS4	35.5	21.6	22.1	0.5	1.2	Negligible	22.2	0.6	1.5	Negligible
AQMA No.3 St James										
SJ1	46.9	23.4	23.5	0.1	0.3	Negligible	23.6	0.2	0.5	Negligible
SJ2	55.1	26.3	26.4	0.1	0.2	Negligible	26.4	0.2	0.4	Negligible
SJ3	36.3	18.6	18.6	0.0	0.1	Negligible	18.7	0.1	0.3	Negligible
SJ4	56.6	27.1	27.2	0.1	0.2	Negligible	27.3	0.2	0.5	Negligible
SJ5	41.0	21.1	21.2	0.1	0.3	Negligible	21.4	0.3	0.7	Negligible
SJ6	38.6	21.9	21.9	0.0	0.0	Negligible	22.2	0.4	0.9	Negligible
SJ7	41.0	23.4	23.3	0.0	0.0	Negligible	23.7	0.4	1.0	Negligible

SJ8	38.1	21.7	21.7	-0.1	-0.2	Negligible	22.2	0.5	1.2	Negligible
SJ9	50.0	26.5	26.6	0.1	0.2	Negligible	27.0	0.5	1.3	Negligible
SJ10	45.3	24.6	24.6	0.0	0.1	Negligible	25.1	0.5	1.3	Negligible
SJ11	26.6	15.7	15.7	0.0	-0.1	Negligible	16.0	0.2	0.5	Negligible
SJ12	36.2	17.9	18.0	0.1	0.4	Negligible	18.2	0.3	0.9	Negligible
SJ13	22.9	14.0	14.0	0.0	0.0	Negligible	14.1	0.0	0.1	Negligible
SJ14	26.5	15.3	15.3	0.0	-0.1	Negligible	15.4	0.1	0.3	Negligible
SJ15	39.8	20.4	20.2	-0.2	-0.5	Negligible	20.5	0.1	0.4	Negligible
SJ16	33.3	18.7	18.6	-0.1	-0.3	Negligible	18.8	0.1	0.1	Negligible
Roads & WLC										
RO1	23.9	9.4	7.4	-2.0	-5.0	Negligible	7.4	-2.0	-4.9	Negligible
RO2	27.6	10.1	7.5	-2.5	-6.4	Slight	7.6	-2.5	-6.2	Slight
RO3	16.0	8.2	7.2	-1.0	-2.4	Negligible	7.2	-1.0	-2.4	Negligible
RO4	13.4	8.5	7.6	-0.9	-2.3	Negligible	7.5	-0.9	-2.3	Negligible
RO5	26.3	11.8	8.1	-3.7	-9.2	Slight	8.2	-3.6	-9.0	Slight
RO6	32.5	13.9	8.2	-5.7	-14.2	Moderate	8.2	-5.7	-14.3	Moderate
RO7	27.6	12.1	7.5	-4.6	-11.6	Moderate	7.4	-4.7	-11.7	Moderate
RO8	11.7	7.1	6.9	-0.2	-0.5	Negligible	6.9	-0.2	-0.5	Negligible
RO9	9.3	6.1	7.3	1.2	3.0	Negligible	7.3	1.1	2.9	Negligible
RO10	25.0	11.2	7.2	-4.0	-10.0	Moderate	7.1	-4.1	-10.2	Moderate
RO11	18.5	9.0	6.8	-2.2	-5.5	Slight	6.7	-2.3	-5.7	Slight
WLC1	24.1	9.8	11.4	1.5	3.9	Negligible	9.8	0.0	-0.1	Negligible
WLC2	28.1	9.9	11.5	1.6	4.0	Negligible	9.9	0.0	-0.1	Negligible
Blisworth & Milton Malsor										
BL1	9.7	7.2	6.7	-0.4	-1.1	Negligible	7.0	-0.2	-0.4	Negligible
BL2	11.5	7.2	7.0	-0.2	-0.4	Negligible	7.1	-0.1	-0.3	Negligible
BL3	20.6	10.6	10.6	0.0	0.1	Negligible	10.6	0.0	0.0	Negligible
BL4	13.0	6.9	6.3	-0.6	-1.5	Negligible	6.4	-0.6	-1.4	Negligible
BL5	14.1	7.1	6.4	-0.7	-1.8	Negligible	6.5	-0.6	-1.5	Negligible
MM1	11.4	7.2	7.3	0.1	0.3	Negligible	7.3	0.2	0.4	Negligible
MM2	19.4	10.9	11.3	0.3	0.9	Negligible	11.1	0.2	0.4	Negligible
MM3	10.4	6.7	6.6	-0.1	-0.1	Negligible	6.6	0.0	-0.1	Negligible
MM4	12.0	7.7	7.5	-0.2	-0.5	Negligible	7.6	-0.1	-0.3	Negligible
MM5	10.3	6.8	6.8	0.0	0.0	Negligible	6.9	0.1	0.2	Negligible
BL6	23.2	11.0	11.1	0.1	0.3	Negligible	12.6	1.6	4.1	Negligible
Towcester										

TW1	56.3	17.9	17.7	-0.2	-0.4	Negligible	18.9	1.1	2.7	Negligible
TW2	31.1	11.0	10.9	-0.1	-0.2	Negligible	11.4	0.5	1.2	Negligible
TW3	44.1	14.4	14.2	-0.1	-0.3	Negligible	15.1	0.8	1.9	Negligible
Hartwell										
H1	19.4	9.1	9.1	0.0	0.0	Negligible	9.1	0.0	0.0	Negligible
H2	20.7	9.7	9.7	0.0	0.0	Negligible	9.7	0.0	0.0	Negligible
H3	23.4	10.8	10.8	0.0	0.1	Negligible	10.8	0.0	0.0	Negligible
H4	21.3	9.9	9.9	0.0	0.1	Negligible	9.9	0.0	0.0	Negligible
Grafton Regis & Potterspur										
GF1	-	7.6	7.6	0.7	1.8	Negligible	7.6	0.7	1.7	Negligible
GF2	-	7.4	7.4	0.6	1.6	Negligible	7.4	0.6	1.6	Negligible
P1	-	6.9	7.0	-0.1	-0.1	Negligible	7.0	0.0	0.1	Negligible
P2	-	7.0	7.1	-0.1	-0.1	Negligible	7.1	0.0	0.1	Negligible

Table A9.9.2: Predicted Annual Mean PM₁₀ Concentrations (µg.m⁻³) at Sensitive Receptors (2031)

Receptor	2018 Baseline	2031 Without Development	2031 With Development	Change due to Proposed Development		Significance of Impact	2031 With + Rail Central	Change due to Proposed Development + Rail Central		Significance of Impact
	A	B	C	C-B	As a % of AQS		D	D-B	As a % of AQS	
AQMA No.1 Collingtree										
C1	20.1	19.6	19.8	0.2	0.5	Negligible	19.9	0.3	0.7	Negligible
C2	19.8	19.3	19.5	0.2	0.5	Negligible	19.6	0.3	0.7	Negligible
C3	19.6	19.1	19.3	0.2	0.5	Negligible	19.3	0.3	0.6	Negligible
C4	19.3	18.8	19.0	0.2	0.4	Negligible	19.1	0.2	0.6	Negligible
C5	18.3	17.8	17.9	0.1	0.3	Negligible	18.0	0.2	0.4	Negligible
C6	18.8	18.3	18.4	0.1	0.4	Negligible	18.5	0.2	0.5	Negligible
C7	18.6	18.0	18.1	0.1	0.3	Negligible	18.2	0.2	0.5	Negligible
C8	19.0	18.4	18.6	0.2	0.4	Negligible	18.7	0.2	0.5	Negligible
C9	19.0	18.4	18.6	0.2	0.4	Negligible	18.7	0.2	0.5	Negligible
C10	19.0	18.4	18.6	0.2	0.4	Negligible	18.6	0.2	0.5	Negligible
C11	19.0	18.4	18.6	0.2	0.4	Negligible	18.6	0.2	0.5	Negligible
C12	19.0	18.4	18.6	0.2	0.4	Negligible	18.6	0.2	0.5	Negligible
C13	19.3	18.7	18.9	0.2	0.4	Negligible	19.0	0.2	0.6	Negligible
C14	19.2	18.7	18.9	0.2	0.4	Negligible	19.0	0.2	0.6	Negligible
C15	19.2	18.7	18.9	0.2	0.4	Negligible	18.9	0.2	0.6	Negligible
C16	20.0	19.5	19.7	0.2	0.5	Negligible	19.8	0.3	0.7	Negligible
C17	19.2	18.7	18.8	0.2	0.4	Negligible	18.9	0.2	0.6	Negligible
NSSUE1	18.0	17.5	17.6	0.1	0.3	Negligible	17.6	0.1	0.4	Negligible
NSSUE2	18.4	17.9	18.0	0.1	0.3	Negligible	18.0	0.2	0.4	Negligible
NSSUE3	18.3	17.7	17.9	0.1	0.3	Negligible	17.9	0.2	0.4	Negligible
AQMA No.5 Wootton										
W1	17.9	17.5	17.9	0.4	1.0	Negligible	17.9	0.4	1.0	Negligible
W2	19.2	18.8	19.6	0.7	1.8	Negligible	19.5	0.7	1.8	Negligible
W3	18.4	17.9	18.5	0.5	1.4	Negligible	18.5	0.5	1.4	Negligible
W4	19.3	18.9	19.7	0.8	1.9	Negligible	19.7	0.8	1.9	Negligible
W5	18.6	18.1	18.7	0.6	1.5	Negligible	18.7	0.6	1.5	Negligible
AQMA No.4 Kingsthorpe										
K1	21.2	20.2	20.2	0.1	0.2	Negligible	20.3	0.1	0.3	Negligible
K2	19.6	18.8	18.9	0.1	0.2	Negligible	18.9	0.1	0.3	Negligible

K3	22.6	21.0	21.1	0.1	0.2	Negligible	21.2	0.1	0.4	Negligible
K4	21.7	22.0	22.2	0.1	0.3	Negligible	22.1	0.0	0.1	Negligible
K5	21.7	21.4	21.4	0.1	0.2	Negligible	21.5	0.2	0.4	Negligible
K6	22.0	21.6	21.7	0.1	0.2	Negligible	21.8	0.2	0.5	Negligible
K7	23.0	22.6	22.7	0.1	0.2	Negligible	22.8	0.2	0.6	Negligible
K8	20.1	19.7	19.7	0.0	0.1	Negligible	19.8	0.1	0.3	Negligible
K9	19.1	19.1	19.1	0.0	0.1	Negligible	19.2	0.1	0.3	Negligible
K10	21.4	21.1	21.2	0.1	0.2	Negligible	21.4	0.3	0.7	Negligible
K11	20.8	20.6	20.6	0.1	0.1	Negligible	20.8	0.3	0.7	Negligible
K12	19.9	20.0	20.1	0.0	0.1	Negligible	20.3	0.2	0.5	Negligible
K13	21.0	21.5	21.6	0.1	0.2	Negligible	21.7	0.2	0.4	Negligible
AQMA No.2 Victoria Promenade										
VP1	19.6	17.4	17.3	-0.1	-0.1	Negligible	17.4	0.0	0.1	Negligible
VP2	19.8	17.6	17.6	0.0	-0.1	Negligible	17.6	0.0	0.1	Negligible
VP3	20.9	18.8	18.8	0.0	0.0	Negligible	18.9	0.1	0.2	Negligible
VP4	19.1	18.3	18.2	0.0	0.0	Negligible	18.3	0.0	0.0	Negligible
VP5	18.8	18.2	18.1	0.0	-0.1	Negligible	18.1	0.0	0.0	Negligible
VP6	19.3	18.6	18.6	0.1	0.2	Negligible	18.7	0.1	0.2	Negligible
AQMA No.8 St Michaels Road										
SM1	16.9	16.5	16.4	0.0	0.0	Negligible	16.4	0.0	0.0	Negligible
SM2	16.9	16.4	16.4	0.0	0.0	Negligible	16.4	0.0	0.0	Negligible
SM3	17.7	17.3	17.3	0.0	0.0	Negligible	17.3	0.0	0.0	Negligible
AQMA No.6 Campbell Square										
CS1	25.3	25.7	25.8	0.2	0.4	Negligible	25.9	0.3	0.7	Negligible
CS2	22.2	22.3	22.5	0.1	0.3	Negligible	22.5	0.2	0.5	Negligible
CS3	20.1	20.1	20.2	0.1	0.3	Negligible	20.2	0.1	0.3	Negligible
CS4	20.2	20.7	20.9	0.2	0.5	Negligible	20.9	0.2	0.6	Negligible
AQMA No.3 St James										
SJ1	20.5	21.3	21.4	0.0	0.1	Negligible	21.4	0.1	0.2	Negligible
SJ2	20.9	21.7	21.7	0.0	0.1	Negligible	21.8	0.1	0.2	Negligible
SJ3	18.2	18.8	18.8	0.0	0.0	Negligible	18.8	0.0	0.1	Negligible
SJ4	21.2	22.0	22.1	0.0	0.1	Negligible	22.1	0.1	0.2	Negligible
SJ5	19.3	20.1	20.1	0.0	0.1	Negligible	20.2	0.1	0.3	Negligible
SJ6	18.9	20.4	20.4	0.0	0.0	Negligible	20.6	0.2	0.4	Negligible
SJ7	19.4	21.0	21.0	0.0	0.0	Negligible	21.2	0.2	0.4	Negligible
SJ8	18.9	20.5	20.5	0.0	-0.1	Negligible	20.7	0.2	0.6	Negligible
SJ9	20.3	21.9	21.9	0.0	0.1	Negligible	22.1	0.2	0.5	Negligible
SJ10	19.7	21.3	21.3	0.0	0.0	Negligible	21.5	0.2	0.5	Negligible

SJ11	17.1	17.9	17.9	0.0	0.0	Negligible	17.9	0.1	0.2	Negligible
SJ12	18.7	18.9	19.0	0.0	0.1	Negligible	19.0	0.1	0.3	Negligible
SJ13	16.7	17.5	17.4	0.0	-0.1	Negligible	17.5	0.0	0.0	Negligible
SJ14	17.4	18.1	18.1	-0.1	-0.1	Negligible	18.1	0.0	0.1	Negligible
SJ15	19.4	20.3	20.2	-0.1	-0.3	Negligible	20.3	0.0	0.1	Negligible
SJ16	18.7	19.9	19.8	-0.1	-0.3	Negligible	19.9	0.0	0.0	Negligible
Rode & WLC										
RO1	16.0	15.3	14.4	-1.0	2.4	Negligible	14.4	-1.0	-2.4	Negligible
RO2	16.4	15.7	14.4	-1.2	3.1	Negligible	14.5	-1.2	-3.0	Negligible
RO3	15.0	14.6	14.2	-0.4	1.1	Negligible	14.2	-0.4	-1.1	Negligible
RO4	14.9	14.7	14.3	-0.4	0.9	Negligible	14.3	-0.4	-1.0	Negligible
RO5	16.2	15.6	14.4	-1.2	3.1	Negligible	14.4	-1.2	-3.0	Negligible
RO6	17.4	16.8	14.5	-2.3	5.8	Slight	14.5	-2.3	-5.8	Slight
RO7	16.8	16.2	14.2	-2.0	4.9	Negligible	14.2	-2.0	-5.0	Negligible
RO8	14.5	14.1	14.0	0.0	0.1	Negligible	14.0	0.0	-0.1	Negligible
RO9	14.1	13.7	14.3	0.6	-1.6	Negligible	14.3	0.6	1.5	Negligible
RO10	16.4	15.8	14.1	-1.7	4.3	Negligible	14.1	-1.7	-4.3	Negligible
RO11	15.4	14.9	14.0	-0.9	2.3	Negligible	13.9	-0.9	-2.3	Negligible
WLC1	17.1	15.6	16.7	1.1	-2.9	Negligible	16.6	1.0	2.6	Negligible
WLC2	17.9	15.6	16.8	1.2	-2.9	Negligible	16.7	1.1	2.7	Negligible
Blisworth & Milton Malsor										
BL1	14.5	14.3	14.2	-0.2	-0.4	Negligible	14.3	0.0	0.0	Negligible
BL2	14.8	14.4	14.3	0.0	-0.1	Negligible	14.4	0.0	-0.1	Negligible
BL3	15.7	15.2	15.2	0.0	-0.1	Negligible	15.2	0.0	-0.1	Negligible
BL4	15.0	14.2	13.9	-0.3	-0.6	Negligible	14.0	-0.2	-0.6	Negligible
BL5	15.2	14.3	14.1	-0.3	-0.7	Negligible	14.1	-0.2	-0.5	Negligible
MM1	14.8	14.3	14.4	0.1	0.1	Negligible	14.4	0.1	0.2	Negligible
MM2	16.1	15.8	16.0	0.2	0.4	Negligible	15.9	0.1	0.2	Negligible
MM3	14.7	14.2	14.1	0.0	0.0	Negligible	14.2	0.0	0.0	Negligible
MM4	14.9	14.7	14.6	-0.1	-0.2	Negligible	14.6	-0.1	-0.1	Negligible
MM5	14.6	14.2	14.2	0.0	0.0	Negligible	14.3	0.0	0.1	Negligible
BL6	16.8	16.1	16.3	0.2	0.5	Negligible	17.5	1.4	3.6	Negligible
Towcester										
TW1	22.9	19.1	19.0	-0.1	-0.1	Negligible	19.6	0.5	1.2	Negligible
TW2	18.3	16.3	16.3	0.0	-0.1	Negligible	16.5	0.2	0.5	Negligible
TW3	20.5	17.7	17.6	0.0	-0.1	Negligible	18.0	0.3	0.8	Negligible
Hartwell										
H1	15.6	15.0	15.0	0.0	0.0	Negligible	15.0	0.0	0.0	Negligible

H2	15.8	15.2	15.2	0.0	0.1	Negligible	15.2	0.0	0.1	Negligible
H3	16.1	15.5	15.6	0.0	0.1	Negligible	15.6	0.1	0.1	Negligible
H4	15.8	15.2	15.3	0.0	0.1	Negligible	15.3	0.0	0.1	Negligible
Grafton Regis & Potterspury										
GF1	-	16.4	17.8	1.4	3.4	Negligible	17.7	1.3	3.3	Negligible
GF2	-	16.1	17.4	1.2	3.1	Negligible	17.4	1.2	3.0	Negligible
P1	-	16.4	16.3	-0.1	-0.3	Negligible	16.5	0.1	0.3	Negligible
P2	-	16.6	16.5	-0.1	-0.3	Negligible	16.7	0.1	0.3	Negligible