



HORSHAM DISTRICT COUNCIL CONSULTATION

TO:	Horsham District Council – Planning Dept (Stephanie Bryant)
LOCATION:	Sandgate Quarry Water Lane Storrington
DESCRIPTION:	Installation and operation of wash plant and silt press
REFERENCE:	NC/26/0017
RECOMMENDATION:	Advice / No Objection / Objection / More Information / Modification / Refusal
SUMMARY OF COMMENTS & RECOMMENDATION: County Matter application: WSCC/019/26	

MAIN COMMENTS:

The proposed development would result in a change in HDV flows of more than 25 AADT adjacent to the Storrington AQMA, which would normally trigger the need for an air quality assessment under IAQM guidance. However, a routing agreement is in place to ensure that no development-related traffic travels west through Storrington, where the AQMA has been declared for exceedances of the annual mean NO₂ objective. On this basis, a detailed air quality assessment is not required.

While compliance with the routing agreement and environmental permit conditions is assumed, the site is considered a major development and is adjacent to the AQMA and therefore a simplified air quality assessment is still required in line with the Sussex Air Quality Guidance. The applicant must provide an air quality assessment and an Emissions Mitigation Statement, including a damage cost calculation, in accordance with the Sussex Air Quality and Emissions Mitigation Guidance (2021). Mitigation measures should be costed and proportionate to the calculated emissions and associated health damage costs. Sussex Air quality guidance aims to avoid the duplication of measures that would normally be required through other regimes.

The latest air quality monitoring results are attached for reference.

The report refers to the environmental permit held by the site with the Environment Agency. However, I was unable to locate a copy of this permit on the EA database. Could you please provide a copy of the current Environmental Permit (EPR/JB3102MM)?

In addition, I could not find a copy of the site's current Dust Management Plan (Air Quality Assessments Ltd, 2021) - J0507/1/F1. It would be helpful to review this document to confirm whether it aligns with current regulatory requirements, or if amendments may be necessary, considering the installation and operation of the wash plant and silt press.

ANY RECOMMENDED CONDITIONS:

Once the above matters have been satisfactorily addressed, a recommendation will be made to include a condition requiring the review of the routing agreement. Which should apply to all HGV movements associated with the wash plant, silt press, restoration works, recycling activities, and all other site operations, including the import and export of materials.

NAME:	Thais Delboni
DEPARTMENT:	Environmental Health
DATE:	19 June 2026

Table A.1 – Annual Mean NO₂ Monitoring Results: Automatic Monitoring (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
HO2	517490	130588	Roadside	100.0	94.3	21.1	17.7	16.2	15.7	15.9
HO4	509089	114197	Roadside	89.8	89.8	20.1	17.6	17.4	16.6	15.7
HO5	521359	122552	Roadside	N/A	N/A	20.3	21.0	24.6	16.2	-

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22

☒ Reported concentrations are those at the location of the monitoring site (annualised, as required), i.e. prior to any fall-off with distance correction

☒ Where exceedances of the NO₂ annual mean objective occur at locations not representative of relevant exposure, the fall-off with distance concentration has been calculated and reported concentration provided in brackets for 2025

Notes:

The annual mean concentrations are presented as µg/m³.

Exceedances of the NO₂ annual mean objective of 40 µg/m³ are shown in **bold**.

All means have been “annualised” as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Table A.2 – Annual Mean NO₂ Monitoring Results: Non-Automatic Monitoring (µg/m³)

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Ashington sites										
Ashington 1	513053	115867	Urban Background	N/A	N/A	-	-	-	7.7	-
Ashington 2	513241	116283	Roadside	100.0	100.0	-	-	-	-	12.6
Billingshurst sites										
Billingshurst 1	508650	125855	Roadside	75.0	75.0	22.2	20.3	19.7	15.6	15.2
Billingshurst 2	509026	125936	Roadside	N/A	N/A	-	-	-	12.4	-
Billingshurst 3	508515	124926	Roadside	N/A	N/A	-	-	-	10.8	-
Billingshurst 4	508583	125568	Roadside	91.7	90.4	-	-	-	-	12.0
Billingshurst 5	508787	125158	Roadside	91.7	90.4	-	-	-	-	12.7
Broadbridge Heath sites										
Broadbridge_Heat h 1	514596	130556	Roadside	N/A	N/A	-	-	10.2	-	-

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Broadbridge_Heat h 1.1	514605	130621	Roadside	91.7	92.3	-	-	-	11.5	13.1
Cowfold sites										
Cowfold 1, Cowfold 2	521326	122614	Roadside	100.0	100.0	26.5	26.4	24.1	21.5	22.3
Cowfold 3	521272	122675	Roadside	83.3	84.6	26.5	25.5	24.1	21.9	19.9
Cowfold 4	521314	122700	Roadside	83.3	84.6	22.2	20.3	19.5	17.5	14.5
Cowfold 5N	521070	122706	Roadside	N/A	N/A	21.3	20.3	18.7	-	-
Cowfold 6N	521312	122248	Roadside	100.0	100.0	20.5	20.3	19.6	16.5	17.1
Cowfold 7N	521432	122486	Roadside	100.0	100.0	31.2	31.7	28.3	24.9	25.6
Cowfold 8N	521417	122632	Urban Background	91.7	90.4	10.5	10.3	8.9	8.1	8.7
Cowfold 9N	521584	122457	Roadside	N/A	N/A	18.3	18.7	-	-	-
Cowfold 9N.1	521626	122471	Roadside	N/A	N/A	-	-	18.2	-	-

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Cowfold AU A	521359	122552	Roadside	100.0	100.0	19.9	20.0	17.5	15.8	16.9
Faygate sites										
Faygate 1	523221	134924	Kerbside	N/A	N/A	-	-	-	8.3	-
Henfield sites										
Henfield 1n	521495	115906	Roadside	100.0	100.0	20.9	18.2	18.2	16.6	16.9
Horsham sites										
A281_A24	515513	131159	Other	N/A	N/A	-	-	-	11.8	-
Horsham 1N	517489	130607	Roadside	N/A	N/A	23.2	22.6	20.9	-	-
Horsham 3N	516012	130486	Urban Background	100.0	100.0	9.9	8.8	7.6	7.2	7.8
Horsham 4N	517680	130069	Urban Background	N/A	N/A	9.0	8.7	-	-	-
Horsham 5N	518214	131143	Roadside	N/A	N/A	22.7	21.6	20.4	18.1	-
Horsham 6N	518653	132481	Roadside	N/A	N/A	19.5	17.6	15.0	14.3	-

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Horsham 6N.1	518650	132451	Roadside	75.0	75.0	-	-	-	-	11.5
Horsham 7N	516955	132213	Roadside	91.7	92.3	19.4	18.9	16.6	13.5	13.2
Horsham 8N	516649	130221	Roadside	83.3	82.7	20.7	19.9	18.7	13.4	17.7
Horsham 9N.1	518121	131161	Roadside	100.0	100.0	23.3	24.1	20.3	17.3	17.5
Horsham 12	516909	130755	Roadside	N/A	N/A	33.4	29.7	-	-	-
Horsham 12.1	516853	130621	Roadside	N/A	N/A	-	-	20.1	-	-
Horsham 12.2	516877	130704	Roadside	91.7	90.4	-	-	-	22.0	24.2
Horsham 13	516307	130493	Roadside	91.7	92.3	-	-	-	8.6	10.3
N. Horsham 1N	517702	133570	Roadside	N/A	N/A	17.6	13.9	-	-	-
N. Horsham 2N	517477	134013	Kerbside	100.0	100.0	14.6	14.1	14.1	11.9	11.4
N. Horsham 3N	518814	133483	Roadside	100.0	100.0	-	-	26.2	21.7	26.4

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Southwater 1	515639	126599	Roadside	N/A	N/A	21.7	19.4	19.0	-	-
Southwater 1.1	515631	126135	Roadside	100.0	100.0	-	-	-	10.2	10.9
Southwater 2	515748	127431	Roadside	91.7	92.3	-	-	-	13.5	14.4
Rusper sites										
Rusper 1	520538	137136	Kerbside	100.0	100.0	-	-	-	11.4	12.0
Steyning sites										
Steyning 4N	517646	111170	Roadside	100.0	100.0	19.0	18.5	18.2	15.7	15.3
Storrington sites										
Storrington 1	508960	114271	Roadside	100.0	100.0	24.3	32.9	32.9	28.6	27.5
Storrington 3	508935	114294	Roadside	100.0	92.3	24.8	23.7	21.8	19.3	19.6
Storrington 4	508833	114274	Roadside	91.7	90.4	25.9	26.7	24.5	23.3	23.1
Storrington 5	508745	114286	Roadside	100.0	100.0	19.9	19.0	19.2	16.4	16.8

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Storrington 6	508398	114444	Roadside	100.0	100.0	17.1	17.4	17.9	15.9	16.6
Storrington 7	508367	114384	Roadside	91.7	92.3	17.6	17.7	18.8	15.9	15.2
Storrington 8 AURN, Storrington 9 AURN, Storrington 10n AURN	509089	114197	Roadside	100.0	92.3	21.7	21.7	19.8	17.3	16.3
Storrington 11n	508524	114363	Roadside	100.0	100.0	26.5	25.9	24.8	20.7	20.6
Storrington 12n	508598	114323	Roadside	N/A	N/A	23.0.	22.4	20.9	-	-
Storrington 13n	508671	114305	Roadside	100.0	100.0	23.1	23.0	21.1	18.4	19.1
Storrington 14n	509319	114160	Roadside	N/A	N/A	15.8	26.3	23.5	-	-
Storrington 14.1	509347	114141	Roadside	100.0	100.0	-	-	-	26.1	26.3
Storrington 15n	509103	114532	Roadside	N/A	N/A	15.4	14.6	14.7	-	-
Storrington 16n	508971	114354	Roadside	100.0	92.3	19.2	18.4	17.5	15.1	17.3

Diffusion Tube ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northi ng)	Site Type	Valid Data Capture for Monitori ng Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
Storrington 17n	508679	114144	Urban Background	91.7	92.3	10.0	9.6	8.2	7.6	8.5
Storrington 18n	508215	114348	Roadside	N/A	N/A	18.1	15.4	13.7	-	-
Storrington 19n	508948	114268	Roadside	100.0	100.0	39.6	38.1	37.0	32.7	35.2

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22**

☒ **Diffusion tube data has been bias adjusted**

☒ **Reported concentrations are those at the location of the monitoring site (bias adjusted and annualised, as required), i.e. prior to any fall-off with distance correction**

Notes:

The annual mean concentrations are presented as $\mu\text{g}/\text{m}^3$.

Exceedances of the NO_2 annual mean objective of $40\mu\text{g}/\text{m}^3$ are shown in **bold**.

NO_2 annual means exceeding $60\mu\text{g}/\text{m}^3$, indicating a potential exceedance of the NO_2 1-hour mean objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias. All means have been "annualised" as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Table A.3 – 1-Hour Mean NO₂ Monitoring Results, Number of 1-Hour Means > 200µg/m³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
HO2	517490	130588	Roadside	100.0	94.3	0	0 (66.3)	0	0	0
HO4	509089	114197	Roadside	89.8	89.8	0	0 (77.2)	0	0	0

Notes:

Results are presented as the number of 1-hour periods where concentrations greater than 200µg/m³ have been recorded.

Exceedances of the NO₂ 1-hour mean objective (200µg/m³ not to be exceeded more than 18 times/year) are shown in **bold**.

If the period of valid data is less than 85%, the 99.8th percentile of 1-hour means is provided in brackets.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Table A.4 – Annual Mean PM₁₀ Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
HO2	517490	130588	Roadside	100.0	92.4	17.5	19.3	20.5	16.1	13.6
HO4	509089	114197	Roadside	93.6	93.6	-	14.0	13.7	12.6	15.1

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22**

Notes:

The annual mean concentrations are presented as µg/m³.

Exceedances of the PM₁₀ annual mean objective of 40µg/m³ are shown in **bold**.

All means have been “annualised” as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Table A.5 – 24-Hour Mean PM₁₀ Monitoring Results, Number of PM₁₀ 24-Hour Means > 50µg/m³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
HO2	517490	130588	Roadside	100.0	92.4	0	0	0	1	2
HO4	509089	114197	Roadside	93.6	93.6	-	0 (21.5)	0	0	2

Notes:

Results are presented as the number of 24-hour periods where daily mean concentrations greater than 50µg/m³ have been recorded.

Exceedances of the PM₁₀ 24-hour mean objective (50µg/m³ not to be exceeded more than 35 times/year) are shown in **bold**.

If the period of valid data is less than 85%, the 90.4th percentile of 24-hour means is provided in brackets.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

*It should be noted that the method of monitoring changed from TEOM to a Fidas200 in 2025. TG(22) states “When reporting PM10 trends, only data derived from the same method should be used”. The previous data has been included for transparency, but it should not be used to draw conclusions on the trends over the last 5 year.

Table A.6 – Annual Mean PM_{2.5} Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2025 (%) ⁽²⁾	2021	2022	2023	2024	2025
HO2*	517490	130588	Roadside	100.0	92.4	12.3	13.1	14.6	10.1	9.0
HO4	509089	114197	Roadside	93.6	93.6	-	7.3	7.7	7.7	8.5
HO5	521359	122552	Roadside	89.1	89.1	-	-	-	-	9.8

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22**

Notes:

The annual mean concentrations are presented as µg/m³.

All means have been “annualised” as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

* PM_{2.5} values for HO2 were estimated from the PM₁₀ data using: a nationally derived correction multiplying ratio of 0.7 (2021); subtracting a national factor of 6.4 (2022); subtracting a national factor of 5.9 (2023); and subtracting a national factor of 6.0 (2024).