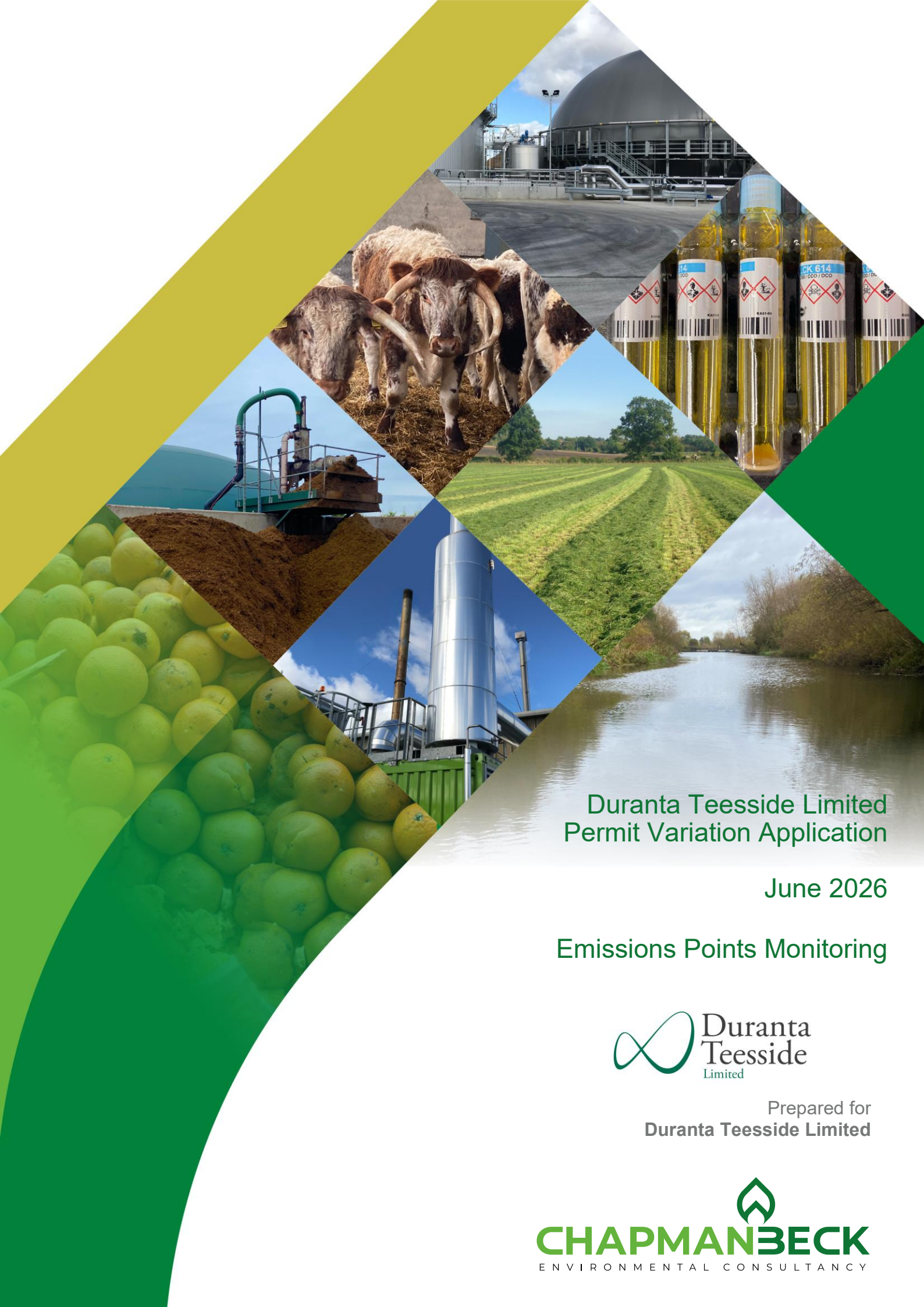




Duranta Teesside Limited Permit Variation Application

June 2026

Emissions Points Monitoring



Prepared for
Duranta Teesside Limited



REPORT SCHEDULE

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1. EMISSION POINT MONITORING

Key

	Existing and Unchanged Emissions Points
	Emission Point No Longer in Existence (to be removed from permit)
	New Emissions Points (to be added to the permit)

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
A1 CHP Engine 1	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A2 CHP Engine 2	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A3 CHP Engine 3	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
	Daily odour sniff test monitoring. Optical Imaging Survey (LDAR)	Daily Six Monthly	methodology for given variables. Daily sniff tests as outlined in OMP LDAR Plan
A4 CHP Engine 4	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring. Optical Imaging Survey (LDAR)	Annual monitoring exercise. Daily Six Monthly	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP LDAR Plan
A5 Gas Flare 1	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring. LDAR	Annual monitoring exercise. Daily Six Monthly	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP LDAR Plan
A6 Biofilter Exhaust (Reception Hall)	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring.	Six monthly monitoring exercise. Daily	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP
A7 Carbon Filter Exhaust	Emissions monitoring to be carried annually for	Six monthly monitoring exercise.	To be carried out by third party contractor

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
(ABP Tank)	hourly average emissions rates for given variables. Daily odour sniff test monitoring.	Daily	with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP
A8 Biogas Upgrading Plant 1 Stack	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A9 Generator Exhaust	Monitor run hours	Ongoing	
A10 Spill Containment Generator Exhaust	Monitor run hours	Ongoing	
A11 Tanker Offtake Carbon Filter Exhaust	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring.	Six monthly monitoring exercise. Daily	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP
A12 Abatement Unit Exhaust	Emissions point no longer present at site and removed from the listed emissions points under this variation.		
A13 Biogas Upgrading Plant 2 Stack	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A14 Emergency Flare 2	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring. Optical Imaging Survey (LDAR)	Annual monitoring exercise. Daily Six Monthly	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP LDAR Plan

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
Pressure Relief Valves Digesters, digestate storage tanks and biogas upgrading units (additional pressure relief valve on new digester)	Visual/SCADA monitoring Visual checks Odour sniff test monitoring	Ongoing monitoring of use (duration and frequency) and quantity of gas released during any event. Daily Daily	Daily maintenance/checks schedule. Accident management plan Daily maintenance/checks schedule Odour management plan
Vents from Tanks	Oil/fuel storage tanks	Not monitored	
W1 Uncontaminated Site Surface Water	Visual assessment and DO Meter reading	Periodic spot sample on a batch release basis	Surface water release procedure in EMS
SWO Uncontaminated Site Surface Water	Visual assessment	Periodic spot sample on a batch release basis	Surface water release procedure in EMS

