Appendix G – Site Condition Report Update

NORTHFLEET SITE CONDITION REPORT - UPDATE SUMMARY EXTRACT

Introduction

Kimberly-Clark are installing a new hydrogen/ natural gas boiler plant. The hydrogen supply for the boiler is to be provided by pipeline from a hydrogen production facility located elsewhere on site but operated by a 3rd party. The construction of the new boiler plant will fall under the responsibility of Kimberly-Clark and is not situated within the current permitted installation boundary. Natural gas will be provided by amending the existing supply to site and re-routing to new boiler plant. The Permit will be varied to account for this change, and this will include a change to the installation boundary.

A new Zone (Zone 6) for the site has been designated to accommodate the new boiler plant. See **Figure 2c.** This area incorporates the former SCOTT office buildings including a substation demolished by 2019.

To support this variation, an assessment of the proposed new boiler house and associated risks to soil and groundwater has been undertaken. This has required assessment of proposed plant and operations to establish whether they represent additional areas of potential concern.

Proposed boiler plant and hydrogen pipeline

The boiler plant will be dual-fuel fired – hydrogen and natural gas.

Water treatment chemicals (similar to those currently used on-site) will be required and according to current proposals, these will be delivered to site by road tanker and unloaded into bulk storage containers (IBCs) or similar within a steel container on an area of hardstanding adjacent to the boiler house. The treatment chemicals will be pumped from the bulk storage facilities adjacent as required into mixing vessels within the boiler house to achieve the correct water quality for the boiler supply.

The chemicals proposed to be used (with the approximate estimated annual use quantity) are:

- Optisperse ADJ 5150 an alkalinity builder (310kg)
- Cortrol OS5301 – oxygen scavenger (300kg)
- Solus AP26 – boiler scale inhibitor (110kg)
- Steamate NA0880 – condensate treatment (480kg).

Material Safety data sheets for these substances are available.

Hydrogen is to be delivered by underground pipeline to Zone 6 from the proposed hydrogen production plant adjacent to Zone 1 (see **Figure 2c**). Steam is to be delivered to the tissue production areas (Zone 3) by overhead pipeline to the south of Zone 6. Hydrogen is not considered to represent a potential risk to soil or groundwater.

Natural gas is already used on site and is not considered to represent a potential risk to soil or groundwater.

Ground investigation at position of new hydrogen boiler plant (Zone 6)

To support the planning application for a new boiler plant, a ground investigation was undertaken by Dunelm in 2025 on behalf of Ameresco (report ref. H31174, dated 15 January 2026). Ameresco acted as project managers for the boiler plant on behalf of Kimberly-Clark.

The findings of this investigation are summarised below. RSK was instructed by Kimberly-Clark to visit the site during the investigation. A short account of this work is provided, together with a full copy of the Dunelm report. RSK consider the work was undertaken to a high standard using appropriate techniques.

The soil and groundwater information collected during this investigation is considered representative of baseline site condition data applicable to the additional zone within the permit boundary. The key aspects of this investigation and findings presented in this report are summarised below.

- The investigation covered the areas of the proposed boiler house, retaining walls and above-ground pipelines. The exploratory positions are located within the extended permit boundary see **Figure 2c**.
- The objective was to determine ground condition beneath the site, assess risk from ground contamination and provide geotechnical data to support considerations for the new development including foundations and retaining walls
- An assessment of environmental setting and site history was included, the findings of which matches that undertaken by RSK.
- The investigation was undertaken between 18 and 20 November 2025 and comprised the following intrusive and monitoring locations
    - four trial pits (TP01 to TP04) to a maximum depth of 4.10m bgl (below ground level)
    - six mini-percussion boreholes (BH02, BH03, BH05, BH02A, BH03A and BH05A) to a maximum depth of 2.85m bgl
    - two rotary-cored boreholes (BH01 and BH04)
    - combined gas and groundwater monitoring wells were installed in BH01, BH04 and BH05A).

Reported ground conditions detailed in the report can be summarised as follows:

- no visual or olfactory observations of ground contamination (such as oily staining and hydrocarbon odours) were recorded
- superficial soil conditions reported comprised topsoil (approximately 0.4m in thickness) over made ground (largely granular material including brick and concrete) which was up to 4.1m in thickness in places
- BH01 was installed directly within the footprint of the proposed boiler house. No significant made ground was encountered at this location with Chalk recorded as present from 0.4m bgl and proven to a depth of 10.25.

Data from the ground investigation and in particular BH01 can be considered to represent additional pre-construction reference data relating to the area of the proposed boiler house and surrounding

ancillary activities. A summary of key observations and contaminant concentrations in soil (with a focus on BH01) are provided below.

Overall, the reported concentrations of contaminants in soil were very low and below commercial end-use screening criteria.

Reported soil concentrations of inorganic compounds from BH01 (sample depth of 0.2m) were as follows:

- As; 7.7 mg/kg, B 1.1 mg/kg, Cd; 0.4 mg/kg, Cr; 7.1 mg/kg, Cu; 33 mg/kg, Pb; 98 mg/kg, Hg; 0.39 mg/kg, Ni; 11 mg/kg; Se; <0.5 mg/kg, Zn; 97 mg/kg. pH; 8.2, CN (total); 0.2 mg/kg
- s sample collected at 1.0m at this location (within the Chalk) was tested for pH and sulphate (pH; 8.2, sulphate as SO4; 600mg/kg).

Reported soil concentrations of organic compounds from BH01 (sample depth of 0.2m) were as follows:

- total petroleum hydrocarbons (TPH); below LOD for all fractions (<0.01-<4.9)
- benzene, toluene, ethylbenzene, xylenes (BTEX); <0.01 mg/kg
- total polycyclic aromatic hydrocarbons (PAH); 0.48 mg/kg
- volatile organic compounds (VOC); <0.01 mg/kg
- phenols (monohydric); 0.4mg/kg.

Across the remaining locations, which were undertaken outside the footprint of the boiler house but within the area of the extended boundary, the reported maximum concentrations were as follows:

- As 28 mg/kg, Cd 1.5 mg/kg, Cr (total) 16 mg/kg, Cu 130 mg/kg, Pb 320 mg/kg, Hg 0.66 mg/kg, Ni 24 mg/kg, Se <0.5 mg/kg, Zn 270 mg/kg
- TPH and BTEX concentrations in 6 samples were all below laboratory detection limits (<0.01mg/kg for BTEX). Testing for VOC on six samples recorded concentrations below laboratory detection limits. The reported maximum PAH (total) concentration was 3.1mg/kg.

It is proposed that additional soil samples will be collected from the foundations of the new boiler house during construction.

Assessment of Relevant Hazardous Substances (RHS) and likelihood of contaminant release

A RHS assessment of the chemicals proposed for use in the new boiler house has been undertaken. This has been based on the safety data sheets and what is confirmed by Kimberly-Clark as the proposed approach to storage and transfer of the chemicals. This is attached together with a supplemental assessment of likelihood of contaminant release which shows a low likelihood in all cases.

562400 562500 562600 562700 562800 562900 563000 563100

174700 174600 174500 174400 174300 174200 174100

The Shore
JETTY
WHARF OFFICE
BUND
BOILER HOUSE
Hydrogen production facility
HPF
A1
AREA OF LEASED LAND
CLARIFIER
CLARIFIER
EFFLUENT PLANT
GRASSED AREA
ROAD
LOADING BAYS
TRAILER PARK
GRASSED AREA
Granby Road
PULP BARN
GATE 2
REGIONAL DISTRIBUTION CENTER (RDC)
Boiler house
CONTRACTOR CAR PARK
Zone 6
A15
A14
GATE 1
CAR PARK
Crete Hall Road
OFFICES
ROADWAY
OFFICES
PULP YARD
RAE BUILDING
B2175
MILL
CONCOURSE
CONVERTING
CANOPY
STORES
A11
A6
A7
A12
FIRE GAP
A9
A13
DISTRIBUTION WAREHOUSE
WORKSHOP
PACKING HALL
BRETTINGS
FINISHED PRODUCT STORE
St Botolph's Church
Roman Catholic Church of Our Lady
London Road

Legend:

- Site Boundary
- EPR Permit Boundary
- Hydrogen Production Facility
- Boiler House
- Zone 6
- Hydrogen Pipeline

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	10/04/2026	First Draft	DR	MO	MO

52801 - Kimberly Clark, Northfleet

RSK GEOSCIENCES

TITLE:
Figure 2c:
Permit Boundary With Hydrogen Production Facility and Zone 6

ID: Figure 2c - Permit Boundary With Hydrogen Production Facility and Zone 6

0 50 100
Metres

Scale: 1:2,500 @ A3

REV 00

Path: C:\Users\droberts\OneDrive - RSK Group\RSK Environment GIS Projects\00Projects \52801 - Kimberly Clark, Northfleet\01GIS\04Aprx\GEO.aprx\Fig 2c

Chemical	Make	Size and type of container	Chemical charateristics	Physical state	Solubility	Mobility	Environmental advice	Site Location	Relevant Hazardous Substance	Details of existing pollutant prevention measures for each chemical	Soil and Ground-water Pollution Potential	Actual Pollution Risk?
Product Reaction of Spectrum XD 2899/Sodium Hypo	Hercules	Running in plastic endless lines, with lagging material to protect outside areas.	Major risk to skin/eye contact	Liquid	Unknown	Unknown	Unknown	Stock Prep and PaperMill (PM2)	Unknown	All storage facilities for chemicals and lubricants are appropriately bunded, . Spillage procedure is to close the effluent sump to sewer valve to prevent liquid reaching sewer system in bulk. if possible contain and soak up spill without it entering drain system. If spillage has entered drainage system assess volume within effluent surge tank, if possible drip feed this back into sewer, if not possible, make separate assessment of how to remove substance without it entering sewer system. Any spillages in external areas would be contained using emergency spill containment equipment.	Unknown	Unknown
ChromaClear 1000	Rohm and Haas	1T IBC	Corrosive to eye and can cause skin burns and irritations	white liquid	Dilution in water	Mobile	Prevent product from reaching drains.If the product contaminates rivers and lakes or drains inform respective authorities	Stock Prep-PM1	Yes		Low to moderate - securely stored on site (only used for a trial period). Harmful in contact with skin or eyes (bleaching agent)	Yes
Carta Natural Nan	Clariant	25kg and 200kg	Inhalation risk and skin contact	Liquid	Dilution in water	Mobile	Prevent product from reaching drains.	Stock Prep/Hydrapulper Floor/Dye Plant	Yes		Low - securely stored on site. No hazardous properties in raw form, no specific risk to groundwater or soils	No
Mowiol 4-88	Kuraray Specialities Europe	25kg (bag)	Toxic if inhaled,toxic if swallowed, casues damage to organs. Violent reactions possible with (metals, acids, sodium hypochlorite)	Granulate, white to yellow	Dissolves	Unknown	Dishcarge inot the environment must be avoided. Do not let product enter drains	Stock Prep-Chemical C makeup and storage	Yes		Low to moderate, toxicity risk to environment	Yes
Clairsol 310	Petrochem Carless Limited	205L drum	Highly flammable, may cause lung damage if ingested/inhaled. Can cause dryness/cracking to skin and prolonged skin contact causes irritation and blistering	Clear colourless liquid	Insoluble	Viscous	Do not dishcarge into drains or rivers. Contain the spillage using bunding.	Paper Mill-PM1/2/3 Wire Sections	Yes		Low readily adsorbed into soil, biodegradable	No
Sulphuric Acid 98%	Univar	Unknown	Extremely corresuve,harmful or fatal if swallowed,hamful if inahaled. Severe eye and skin tissue irritation	Colorless to cloudy,oily looking liquid	100% in water	Negligable	Contain spills and cautiously dilute and neutralize with lime or soda ash.	Boiler House	Yes		Moderate - Strong acid, highly toxic to plants and aquatic organisms. May leach into groundwater	Yes
Bulab 7124 (Scale inhibitor)	Buckman	1000kg IBC	Irritant, corrosive and may cause burns	Liquid	Soluble	Unknown	Prevent entering sewers and immediate environment	Paper Mill	Yes		Low to moderate - securely stored on site (used as trial period). Harmful in contact with skin or eyes, but no specific risk to groundwater or soils	No
Nalcolyte 7315	Nalco	1000kg IBC	Slightly acidic, but not irritating or sensitizer to skin or eyes.	Amber liquid	Soluble (1005)	Unknown	Harmful to aquatic organisms. Do not allow to directly enter drains/open water course	Paper Mill/Stock Prep (DAF System)	Yes		Low - securely stored on site	No
Nalcolyte 71796	Nalco	500kg bulk bag	Prolonged contact may cause irritation to skin or eyes. No long term identified hazards or long term effects	White powder	Diluted in water	Unknown	Correct disposal of bags that contain residue powder.	Paper Mill/Stock Prep (DAF System)	Yes		Low - securely stored on site with limited harmful hazards	No
Busperse 2905	Buckman	200L drum	Serious eye damage	Liquid	Diluted in water	Unknown	Unknown	PM3 basement	Yes		Low to moderate- stored securely as dilute product for a trial period	Yes
Bubond 2624	Buckman	1000L IBC	Unknown	Liquid	Unknown	Unknown	Unknown	PM3 basement	Unknown		Unknown	Unknown
Aluminium Sulphate Solution 8%	Monarch Chemicals Ltd	Bulk	Acidic product - causes skin irritation and serious eye irritation	Liquid (colourless to yellow-brown or yellow-green)	Unknown	Unknown	Prevent entering sewers or public waters. Notify authorities if liquid enters sewers or public waters	ETP	Yes		Low to moderate - securely stored on site. Irritant if contact with skin or eyes, but no specific risk to groundwater or soils	No
Amercor 8785 (Corrosion inhibitor)	Ashland	200kg drum	Can cause irritation and dermatitis, respiratory irritation	Liquid	Unknown	Unknown	Unknown	Boiler House	Unknown		Unknown	Unknown
Amersite 10L	Ashland	230kg drum	Can cause skin irritation (risk classification-tolerable)	Liquid	Soluble	Unknown	Prevent run off to sewers, stream or other water bodies. Notify authorities as requried	ETP	Yes		Low to moderate - securely stored on site. Harmful in contact with skin or eyes, but no specific risk to groundwater or soils	No
Drewtrol 8500	Ashland	200kg drum	Unknown	Liquid	Unknown	Unknown	Unknown	ETP	Unknown		Unknown	Unknown
Ferric Chloride Solution	Monarch Chemicals Ltd	1400kg IBC	Corrosive chemical, harmful or fatal if swallowed or inhaled	Liquid	Soluble	Unknown	Prevent run off to sewers, stream or other water bodies. Notify authorities as requried	ETP/Water treament/Pulp	Yes		Low to moderate - securely stored on site. Harmful in contact with skin or eyes, but no specific risk to groundwater or soils	No
Sodium Bisulphite solution (23%)	Monarch Chemicals Ltd	Unknown	Serious eye irritant, may be harmful to skin	Liquid (clear to yellow)	Soluble	Slight	Rapidly biodegrades. Spills can be neutralized with an alkaline materia.	ETP	Yes		Low- non hazardous commonoly used as waste water dechlorination agent. Rapid biological decompostion	No
Adjunct BCLA 90	Ashland	2000L Bestoke storage vessel	Unknown	Liquid	Unknown	Unknown	Unknown	Boiler house	Unknown		Unknown	Unknown
Carta Pink Nan	Rialco	25kg and 200kg IBC	Inhalation risk and skin contact	Liquid	Dilution in water	Mobile	Prevent product from reaching drains.	Stock Prep/Hydrapulper Floor/Dye Plant	Yes		Low - securely stored on site. No hazardous properties in raw form, no specific risk to groundwater or soils	No
Bubreak 4120	Buckman	1000kg IBC	Unknown	Liquid	Unknown	Unknown	Unknown	PM1/2/PM3 basement	Unknown		Unknown	Unknown
VINNAPAS DP 96	Wacker	Bulk	Inhalation of aerosol spray may damage health	Colourless fluid-emulsion	not applicable	not applicable	Prevent material from entering surface waters, drains, sewers or soil. Not specifically hazardous to environment	Stock prep	Yes		Low - securely stored on site. No hazardous properties, no specific risk to groundwater or soils	No
RediBOND 4000	Ingredion	10T bulk	Slight/mild irritant	Amber liquid	soluble in water	soluble in water	Contributes to effluent BOD, readily biodegradable	Stock prep	Yes		Low - securely stored on site. No hazardous properties, no specific risk to groundwater or soils	No
Nalco 71215	Nalco	IBC	Unknown	Liquid	Unknown	Unknown	Unknown	Secondary clarifier/Belt Press/Screw Press	Unknown		Unknown	Unknown
Bulab 8809	Buckman	1000L IBC	Unknown	Amber liquid	Unknown	Unknown	Unknown	Reverse Osmosis Plant	Unknown		Unknown	Unknown

Chemical	Make	Size and type of container	Chemical charateristics	Physical state	Solubility	Mobility	Environmental advice	Site Location	Relevant Hazardous Substance	Details of existing pollutant prevention measures for each chemical	Soil and Ground-water Pollution Potential	Actual Pollution Risk?
Bulab 8885A	Buckman	1000L IBC	Unknown	Liquid	Unknown	Unknown	Unknown	Reverse Osmosis Plant	Unknown		Unknown	Unknown
Bulab 8885A	Buckman	1000L IBC	Causes severe burns and eye damage. Allergic skin reaction	Liquid	Unknown	Unknown	Dangerous to the environment, very toxic to aquatic organisms	Reverse Osmosis Plant	Yes		Moderate- stored securely-dangerous to the environment, very toxic to aquatic organisms	Yes
Bulab 5163	Buckman	1000L IBC	Unknown	Milky white liquid	Unknown	Viscous	Unknown	ETP	Unknown		Unknown	Unknown
Bulab 8862	Buckman	1000L IBC	Unknown	Liquid	Unknown	Unknown	Unknown	Reverse Osmosis Plant	Unknown		Unknown	Unknown
Amertol DT4560	Solenis	IBC	Unknown	Liquid	Unknown	Unknown	Unknown	Boiler Tank room	Unknown		Unknown	Unknown
5-50% CAUSTIC SODA	Monarch	Unknown	Corrosive to metals, causes severe skin burns and eye damage	Colourless liquid	Liquid	Mobile- liquid	Prevent product from reaching drains	Unknown	Yes		Low to moderate - securely stored on site. Harmful in contact with skin or eyes, but no specific risk to groundwater or soils	Yes
Spectrum XD	Hercules	Bulk storage	No known significant effects or critical hazards	Colourless to light yellow liquid	Unknown	Unknown	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.	Unknown	Yes		Low - securely stored on site. No hazardous properties, no specific risk to groundwater or soils	No
Diesel	Unknown	Tank (Zone 1) 2x tanks (Zone 5) Capacity unknown	Material can release vapours which readily form flammable mixtures. May cause lung damage if swallowed. Toxic to aquatic organisims, may cause long term adverse effects in the environment.	Dark coloured liquid with a strong odour	Negligible in water	Mobile- liquid	Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with noncombustible, absorbed material	Zone 1 (Diesel re-fuelling) Zone 5- Forklift re-fueling	Yes		Low/moderate - securely stored on site. May causes severe skin burns and eye damage . Harmful to environment in large quantities and toxic to aquatic life with long lasting effects	Yes
Lubricant oil	n/a	bulk storage	May be harmful if swallowed, may irritate eyes and skin	Amber liquid	Insoluble	Mobile-liquid	Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal	Various	Yes		Low moderate- stored on site. May be harmful if swallowed, and irritate eyes/skin	Yes
Sodium Hydroxide ADJ5150	Optisperse	1000L IBC estimated	Alkalinity builder. Corrosive to metal, harmful if swallowed, causes severe skin burns and eye damage, may cause respiratory irritation	Colourless to light yellow liquid	Soluble	Mobile- liquid	Not classified as environmentally hazardous but large spills could cause harmful effect to the environment. Collect and reclaim or dispose in sealed containers at licenced disposal site.	Gas / Hydrogen Boiler chemical store	Yes	Proposed for storage within IBCs on hardstanding.	Low - proposed to be securely stored on site in very low volumes	No
OS5301	Cortrol	1000L IBC estimated	Oxygen scavenger. Flamable liquid and vapour. Causes skin irritation, may cause allergic skin reaction and respiratory irritation, causes serious eye irritation. Suspected of causing genetic defects suspected of causing cancer.	Colourless to light brown liquid	Soluble	Mobile - liquid	Avoid discharge into drains, watercourses or the ground. Accidental release of large quantities to the aquatic environment may harm aquatic organisms. Collect and reclaim or dispose in sealed containers at licenced disposal site.	Gas / Hydrogen Boiler	Yes	Proposed for storage within IBCs on hardstanding.	Low - proposed to be securely stored on site in very low volumes	No
Sodium Hydroxide AP26	Solus	1000L IBC estimated	Boiler scale inhibitor. May be corrosive to metals, causes severe burns and eye damage	Yellow liquid	Soluble	Mobile - liquid	Avoid discharge into drains, water courses or onto the ground. Not classified as environmentally hazardous but large spills could cause harmful effect to the environment. Collect and reclaim or dispose in sealed containers at licenced disposal site.	Gas / Hydrogen Boiler	Yes	Proposed for storage within IBCs on hardstanding.	Low - proposed to be securely stored on site in very low volumes	No
NA0880	Steamate	1000L IBC estimated	Condensate treatment. Har	Colourless to light yellow liquid	Soluble	Mobile - liquid	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.	Gas / Hydrogen Boiler	Yes	Proposed for storage within IBCs on hardstanding.	Low - proposed to be securely stored on site in very low volumes	No

Risk assessment

Based on completion of the site reconnaissance visit by RSK, discussions with site representatives, and information provided regarding the activities in each area of the site relevant to the storage of chemicals for use in the new Boiler plant the proposals have been assessed in terms of their potential for risk of release of potentially polluting substances to the land. This process has reviewed potential polluting activities, potentially polluting substances, containment measures in place and possible deficiencies in these. This has been used to inform an overall assessment of potential risks of releases to land for each location, and thereby determination of areas of potential concern (APC). This assessment is shown in the Table overleaf.

RSK has, in line with the Industrial Emissions Directive 2010/75/EU, Article 22, undertaken an assessment of the hazardous substances used on the site, identified which of these substances are ‘relevant hazardous substances’ (RHS) and identified which of these pose an ‘actual pollutant risk’. The chemicals presenting an actual pollutant risk are identified in red text.

Area	Point of Interest (POI)	Potential polluting activity	Substances used & potential contaminants of concern (RHS)	Containment measures in place	Possible deficiencies in containment measures (including any visual evidence of contamination from site reconnaissance)	Potential risk of releases to land
New Boiler Plant	Natural Gas supply pipework	Leak from underground pipework to boiler	Natural Gas	• Pipeline design	• None noted	Low risk
	Hydrogen supply pipework	Leak from underground pipework to boiler	Hydrogen Gas	• Pipeline design	• None noted	Low risk
	Water Treatment Chemicals storage and use	Leak from water treatment chemicals storage and usage	Water Treatment Chemicals • Optisperse ADJ 5150 • Cortrol OS5301 • Solus AP26 • Steamate NA0880	• Primary storage containers • Secondary containment • Indoor location • Concrete hardstanding	• None noted	Low risk
Where known incidents have been recorded these are shown in blue *RSK have, in line with the Industrial Emissions Directive 2010/75/EU, Article 22, undertaken an assessment of the hazardous substances used on the site, identified which of these substances are 'relevant hazardous substances' and identified which of these pose an 'actual pollutant risk'. The chemicals presenting an actual pollutant risk are identified in red text*						

Our Ref: 52801 L01(00) **DRAFT**
Date: 10 April 2026

Chris Byrom
Kimberly-Clark
Northfleet Paper Mill
Crete Hall Road
Northfleet
Kent
DA11 9AD

Dear Chris

RE: KIMBERLY-CLARK, NORTFLEET: SITE VISITS DURING DUNELM GROUND INVESTIGATION

1.1 INTRODUCTION

RSK was commissioned to observe the ground investigation undertaken by ground investigation contractor Dunelm Ltd. A Phase 1 and 2 ground investigation was undertaken by Dunelm (18 to 20 November 2025) in support of the construction of the planning process for a new natural gas/ hydrogen boiler.

This work included the drilling of several boreholes and excavation of trial pits in the footprint of the proposed development which will include a new building, a buried hydrogen pipeline and associated infrastructure. This will require a variation to the permit and extension of the existing permit boundary.

The collection of soil data as part of this work will provide an opportunity to collect baseline soil data for the EPR permit. This can be used to define site condition prior to construction and can be used as a reference against which future site condition in this area can be compared. This will be necessary at the point of permit surrender.

RSK did not undertaking soil sampling directly as part of this work, but in order to provide additional quality assurances to Kimberly Clark that the work had been undertaken to a high standard and that the data was reliable, we recommended that we undertake limited observations through a visiting role. Following the investigation, we also were party to the sample scheduling and requested additional testing be undertaken to further enhance this additional baseline data set.

1.2 GENERAL FINDINGS

RSK visited the site on 18, 19 and 20 November 2025. Brief information on the activities and general ground conditions being encountered are recorded in our site diaries for each date the site was visited.

RSK Environment Ltd
Registered office
65 Sussex Street • Glasgow • Scotland • G41 1DX • UK
Registered in Scotland No. 115530
www.rskgroup.com

We observed the work undertaken by Dunelm engineers and we found the work to be of good quality and practices followed were similar to RSK procedures. Ground conditions encountered generally comprised an initial topsoil cover over a geotextile membrane, with silty sandy made ground with brick fragments below. This was either underlain by a concrete slab or reworked Chalk. The reworked chalk material seemed to extend to at least 3.0m depth in some places

Sample collection and laboratory dispatch practices undertaken would be expected to provide representative soil data and preserve the integrity of samples in transit. Borehole cores were retained for logging at a later date.

1.3 SUMMARY

RSK observed Dunelm's ground investigation works at Northfleet in November 2025 and found the methods and sampling practices to be of good quality. The encountered ground conditions were noted to comprise topsoil over made ground and reworked Chalk to at least 3 m. Although RSK did not undertake sampling directly, their oversight and input to additional testing provide confidence that the resulting baseline soil data is reliable for permitting requirements.

Kind regards

Mike Owens
Director

Dr. Tom Henman
Director

Enclosed : Site Diary records (18th – 20th November 2026)

RSK Environment Ltd
Registered office
65 Sussex Street • Glasgow • Scotland • G41 1DX • UK
Registered in Scotland No. 115530
www.rskgroup.com

Outlook

Site Daily Diary: Record 000916827 has been modified on 19/11/2025, 11:52:06

From Josh Curnow <JCurnow@rsk.co.uk>
Date Wed 19/11/2025 11:52
To Josh Curnow <JCurnow@rsk.co.uk>

Information

RSK GEOSCIENCES

---------- Site Daily Diary ----------

App Information	How to use this app!
Date	18/11/2025
Project number lookup	52801
Project Name	Kimberly-Clark, Northfleet
Office	Tonbridge
Project Manager	
Mike Owens	
Project Manager free entry	
Project Manager Email	
Additional Recipient	
Additional Recipient Email	
Project Number	52801
Site	DA11 9AD
Site Location	51° 26' 42.434" N 0° 20' 18.651" E
Type of Activity	☑ Site Walkover ☐ Remediation ☐ SI ☐ Earthworks ☐ In Situ Testing ☐ Other
Include Plant / Materials Logging Page?	☐
General Site Notes	JC conducting site walkover to observe site investigation being conducted by Dunelm on behalf of Ameresco.

---------- Weather ----------

Weather	☐ Heavy Rain	☑ Overcast	☐ Sunny	☐ Thunder
	☐ Rain	☐ Cloudy	☐ Fog	☐ Hail
	☐ Drizzle	☐ Sunny Spells	☐ Snow	☐ Windy

Weather Notes	Cold.
Site Conditions	Good.

Personnel

---------- Personnel ----------

Site Engineer	Josh Curnow
Site Engineer Arrival Time	14:00
Site Engineer Departure Time	15:30
Copy RSK & Contractor Personnel From Previous Diary	
Other RSK Staff On Site	0 records
Contractors On Site	0 records
Visitors On Site	0 records
Number of People On Site	0

Activities

---------- Activities ----------

Key Activities

1 record

Activity	Completed?
Day 1 of site investigation works by Dunelm. I arrived on site at 14:00, the drillers had mobbed on BH1 (10m rotary borehole) and excavated hand pit to 1.20m. Bulk, disturbed and environmental samples had been collected and stored in an appropriate manner - labelled bags or tubs, jars, vials within cool boxes with ice packs. One of the window sample boreholes had also been excavated to 0.30m while awaiting bowser delivery. A concrete obstruction was encountered, so location was to be moved.	☐ Yes

Issues & Actions	0 records
Delays	0 records

Pictures

0 records

Health & Safety

---------- Health & Safety ----------

Safety Briefings Attended	Brief from Sam - Dunelm supervisor
Rigs & Equipment on Site	Rotary rig and mini digger.
Safety Checks Completed	
Calibration Checks / Certificates	

HSE Observations	0 records

General Comments, RAMS & Sketch

---------- Deviation from RAMS ----------

Any Deviation From RAMS	(•) No ( ) Yes

---------- General Comments ----------

General Comments

---------- Sketch ----------

No data

Sign Off

---------- Sign Off ----------

Confirmed by RSK Representative

RSK Representative Name	Josh Curnow
RSK Representative Signature	

Outlook

Site Daily Diary: Record 000918461 has been modified on 20/11/2025, 14:47:07

From Josh Curnow <JCurnow@rsk.co.uk>
Date Thu 20/11/2025 14:47
To Josh Curnow <JCurnow@rsk.co.uk>

Information

RSK GEOSCIENCES

---------- Site Daily Diary ----------

App Information	How to use this app!
Date	19/11/2025
Project number lookup	52801
Project Name	Kimberly-Clark, Northfleet
Office	Tonbridge
Project Manager	
Mike Owens	
Project Manager free entry	
Project Manager Email	
Additional Recipient	
Additional Recipient Email	
Project Number	52801
Site	DA11 9AD
Site Location	51° 26' 41.879" N 0° 20' 20.246" E
Type of Activity	☑ Site Walkover ☐ Remediation ☐ SI ☐ Earthworks ☐ In Situ Testing ☐ Other
Include Plant / Materials Logging Page?	☐
General Site Notes	

---------- Weather ----------

Weather	☐ Heavy Rain	☑ Overcast	☐ Sunny	☐ Thunder
	☐ Rain	☐ Cloudy	☐ Fog	☐ Hail
	☐ Drizzle	☐ Sunny Spells	☐ Snow	☐ Windy

Weather Notes	Cold
Site Conditions	Good

Personnel

---------- Personnel ----------

Site Engineer	Josh Curnow
Site Engineer Arrival Time	14:00
Site Engineer Departure Time	15:30
Copy RSK & Contractor Personnel From Previous Diary	
Other RSK Staff On Site	0 records
Contractors On Site	0 records
Visitors On Site	0 records
Number of People On Site	0

Activities

---------- Activities ----------

Key Activities

1 record

Activity	Completed?
Upon arrival to site at 14:00, Dunelm had completed and installed the 10.0m rotary borehole, BH1. Several attempted hand pits across site had revealed a concrete slab, so alternative locations for window sample boreholes were sought. The first window sample borehole was advanced towards the end of the visit, which revealed dense reworked chalk to be present below the topsoil. Environmental samples had been collected and stored appropriately, with core samples stored pending logging at Dunelm yard. Concrete slab through to be associated with former building.	☐ Yes

Issues & Actions	0 records
Delays	0 records

Pictures

0 records

Health & Safety

---------- Health & Safety ----------

Safety Briefings Attended	
Rigs & Equipment on Site	
Safety Checks Completed	

Calibration Checks / Certificates	
HSE Observations	0 records

General Comments, RAMS & Sketch

---------- Deviation from RAMS ----------

Any Deviation From RAMS	(•) No ( ) Yes

---------- General Comments ----------

General Comments	

---------- Sketch ----------

No data

Sign Off

---------- Sign Off ----------

Confirmed by RSK Representative

RSK Representative Name	Josh Curnow
RSK Representative Signature	

Outlook

Site Daily Diary: Record 000918462 has been modified on 20/11/2025, 14:49:57

From Josh Curnow <JCurnow@rsk.co.uk>
Date Thu 20/11/2025 14:50
To Josh Curnow <JCurnow@rsk.co.uk>

Information

RSK GEOSCIENCES

---------- Site Daily Diary ----------

App Information	How to use this app!
Date	20/11/2025
Project number lookup	52801
Project Name	Kimberly-Clark, Northfleet
Office	Tonbridge
Project Manager	
Mike Owens	
Project Manager free entry	
Project Manager Email	
Additional Recipient	
Additional Recipient Email	
Project Number	52801
Site	DA11 9AD
Site Location	51° 26' 41.827" N 0° 20' 20.344" E
Type of Activity	☑ Site Walkover ☐ Remediation ☐ SI ☐ Earthworks ☐ In Situ Testing ☐ Other
Include Plant / Materials Logging Page?	☐
General Site Notes	

---------- Weather ----------

Weather	☐ Heavy Rain	☑ Overcast	☐ Sunny	☐ Thunder
	☐ Rain	☐ Cloudy	☐ Fog	☐ Hail
	☐ Drizzle	☐ Sunny Spells	☐ Snow	☐ Windy

Weather Notes	Cold
Site Conditions	Good

Personnel

---------- Personnel ----------

Site Engineer	Josh Curnow
Site Engineer Arrival Time	12:00
Site Engineer Departure Time	13:30
Copy RSK & Contractor Personnel From Previous Diary	
Other RSK Staff On Site	0 records
Contractors On Site	0 records
Visitors On Site	0 records
Number of People On Site	0

Activities

---------- Activities ----------

Key Activities

1 record

Activity	Completed?
Upon arrival at 12:00, drillers were starting final window sample borehole inspection pit, which revealed sandy silty made ground (with brick and concrete). The mechanical trial pitting was underway at the 4th location. The previous locations had revealed either topsoil over made ground over concrete slab / service duct, or topsoil over made ground over reworked chalk.	☐ Yes

Issues & Actions	0 records
Delays	0 records

Pictures

0 records

Health & Safety

---------- Health & Safety ----------

Safety Briefings Attended	
Rigs & Equipment on Site	
Safety Checks Completed	
Calibration Checks / Certificates	
HSE Observations	0 records

General Comments, RAMS & Sketch

---------- Deviation from RAMS ----------

Any Deviation From RAMS	(•) No ( ) Yes

---------- General Comments ----------

General Comments	

---------- Sketch ----------

No data

Sign Off

---------- Sign Off ----------

Confirmed by RSK Representative

RSK Representative Name	Josh Curnow
RSK Representative Signature