

Coleshill Green Hydrogen Project

Pre-Application Consultation (PAC) Report



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1. Introduction/Context

This 'Pre-Application Consultation Report' (PAC Report), relates to an application made by HYRO Energy Ltd ('the Applicant') for Coleshill Green Hydrogen Project ('the proposed development'). It provides an account of the statutory consultation, publicity, deadlines set, and activities required under section 61Z of the 1990 Act.

The report also provides details and further information of engagement and consultation undertaken with local communities.

A summary of any issues raised by statutory consultees and the local community are provided in this report, including confirmation of how any issues raised have been addressed. Original copies of consultation responses from statutory consultees are included as an appendix to this report.

A link to the full planning application, including this PAC Report, is available at the project website <https://www.coleshill-greenhydrogen.co.uk/consultation/>.

2. Consultees

2.1 Statutory Consultees

Letters and notices notifying the start of the formal consultation period and advising all representations should be made by 24th May 2023, were sent by email to the following statutory consultees on 26th April 2023. Copies of the letters can be found at Appendix A.

Consultee	Capacity
CADW	Specialist Consultee
Natural Resources Wales	Specialist Consultee
The Coal Authority	Specialist Consultee

2.2 Community Consultees

The proposed Coleshill Green Hydrogen Project site is located in the Coleshill and Trelawney electoral division of Flintshire County Council.

Letters and notices notifying the start of the formal consultation period and advising all representations should be made by 24th May 2023, were sent to the following community consultees on 26th April 2023. Copies of the letters can be found at Appendix B.

Name	Capacity
Mrs L Wood	Flint Town Council
Cllr Michelle Perfect	Coleshill and Trelawney electoral division
Cllr Paul Cunningham	Coleshill and Trelawney electoral division
Cllr Vicky Perfect	Coleshill and Trelawney electoral division

2.3 Other Consultees

Letters notifying of the start of the formal consultation period were sent to the following other parties on 4th May 2023. Copies of the letters can be found at Appendix C.

Consultee	Capacity
Residents within 500m of the Proposed Development	Interested Party
Businesses within 500m of the Proposed Development	Interested Party

3. Publicity

3.1 Statutory Publicity

Four site notices were displayed at two locations as shown on the plan appended to this report at Appendix D.

The site notices were placed on display on 26th April 2023 advising all representations should be made by 24th May 2023. The site notices were removed on 16th June 2023. A copy of the notice can be found at Appendix E along with photographs of the site notices in-situ.

The plan at Appendix D also identifies adjacent properties on which written notice was served. A copy of the letter to adjacent properties can be found at Appendix F.

All draft planning documentation for the pre-application consultation was made available to view or download on the project website at <https://www.coleshill-greenhydrogen.co.uk/consultation/> on 26th April 2023. Screenshot images of the website can be found at Appendix G.

The webpage - <https://www.coleshill-greenhydrogen.co.uk/consultation/> will be updated, with a copy of the full planning application and supporting documentation, once the planning application has been validated by the Local Authority.

4. Number of Responses

This section of the report quantifies the total number of responses received and a summary of the responses are provided below. All responses were made within the 28-day consultation period.

4.1 Statutory Consultees

Three notices and letters were sent out to statutory consultees and three separate responses were received. These responses are summarised below, and copies included at Appendix H.

Consultees	Opinion	Main Issue(s)
Cadw	No objection	None
Natural Resources Wales	No objection	Protected sites Protected species Industry and Waste Regulation Foul Drainage
The Coal Authority	No objection	None

4.2 Community Consultees

Four notices and letters were sent out to community consultees and no responses were received.

4.3 Other Consultees

Three hundred and eighty-four letters were sent out to other consultees and one response was received.

5. Responses and Actions

5.1 Statutory Consultees

Responses from statutory consultees are summarised below together the Applicant's response where necessary.

Consultee Name	Summary of Response / Main Issue(s)	Consequent Actions
CADW	None	Not applicable
Natural Resources Wales	Protected Species	Preliminary Ecological Appraisal to be included in 'approved list of plans / documents' condition within the decision notice should consent for the project be granted.
Natural Resources Wales	Protected Sites	<p>The CEMP will demonstrate that only clean uncontaminated water will be discharged to surface water drains, as well as incorporating any pollution risks and associated mitigation measures needed.</p> <p>Any substance such as chemicals, fuels, oils will be stored securely within secondary containment at least 10 metres away from any rain/ditch/watercourse.</p> <p>For clarification, Welsh Water have confirmed capacity in the network and water will be supplied by Welsh Water via a connection to the mains supply, with the maximum demand at full output being 2140l/hr. The process of securing the water supply for the project will commence once the planning submission has been decided.</p>
Natural Resources Wales	Industry and Waste Regulation	<p>Operator will apply for an Environmental Permitting Regulations installation permit and not begin the hydrogen production process until the permit is successfully granted.</p> <p>Notification to be sent to competent authority prior to start of construction, in relation to hydrogen storage.</p>
Natural Resources Wales	Foul Drainage	Foul drainage arrangements to be submitted with planning application.
The Coal Authority	None	Not applicable

5.2 Responses Received from Other Consultees

One response was received from Other Consultees. The main issues raised during this consultation, along with the Applicant's response is summarised below.

Issue Raised	Response
Public Rights of Way <i>"Will anything will done to make the route fit for purpose in places it is very steep and in winter when wet it is very slippery and dangerous and in need of some general repairs ie steps dug into the steep slope and handrails etc"</i>	The sections are beyond the extents of where the diverted Right of Way will be, however, The Applicant is keen to explore ways they may be able to enhance the local network as part of the Coleshill Green Hydrogen proposal.

6. Summary and Conclusion

This Pre-Application Consultation (PAC) report sets out the consultation in respect of the planning application for the Coleshill Green Hydrogen Project. The PAC report confirms that all necessary statutory pre-application consultation has been undertaken.

In summary, very few responses have been received to the formal consultation exercise from all consultees and no fundamental issues have been raised by statutory consultees. Where possible, the comments of consultees have been taken into account and the design of the development and reports amended as necessary.

Appendices

Appendix A Letter to Statutory Consultees



Coleshill Green Hydrogen Project
c/o Renewable Energy Systems Limited



Date 26th of April 2023

This email has been electronically sent

To whom it may concern,

RE: Coleshill Green Hydrogen Project, Flint

We invite comment from the Coal authority as you have been listed as a specialist consultee under The Town and County Planning (Wales) Order 2016 for a new proposed development Coleshill Green Hydrogen project, situated at Kimberly Clark Coleshill.

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill paper mill, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The paper mill will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

Our website at www.coleshill-greenhydrogen.co.uk contains documents that are part of a Pre-Application Consultation (PAC) which allows members of the public to view details of the proposal, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

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03144-002166

Hard copies of the documents are available on request.

Comments or representations about the proposal should be made in writing, to the contact details below within the consultation period which ends on 24/05/2023

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

SCHEDULE 1C

Article 2D

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

NOTICE UNDER ARTICLE 2D

(to be served on specialist consultees, as defined by article 2(1) of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012

Purpose of this notice : this notice comprises a formal request for a pre-application consultation response under article 2D of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012.

Proposed development at (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6

I give notice that (b) HYRO Energy Limited

is intending to apply for planning permission to (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

A copy of the proposed application; plans; and other supporting documents are attached/can be viewed online at (d) www.coleshill-greenhydrogen.co.uk

In accordance with the requirements of article 2E of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012, a consultation response must be sent to (e) by (f).

Signed: Iain Buchanan

Date: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

ATODLEN 1C

Erthygl 2D

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

HYSBYSIAD O DAN ERTHYGL 2D

(i'w gyflwyno i ymgynghoreion arbenigol, fel y'u diffinnir gan erthygl 2(1) o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn ddeisyfiad ffurfiol am ymateb i ymgynghoriad cyn-ymgeisio o dan erthygl 2D o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012.

Datblygiad arfaethedig yn (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX

Rwyf yn hysbysu bod (b) HYRO Energy Limited

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

Mae copi o'r cais arfaethedig; planiau; a dogfennau ategol eraill wedi eu hatodi/ar gael i'w harchwilio ar lein yn (d) www.coleshill-greenhydrogen.co.uk

Yn unol â gofynion erthygl 2E o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012, rhaid anfon ymateb i'r ymgynghoriad at (e) erbyn (f).

Llofnod: Iain Buchanan

Dyddiad: 24/4/2023

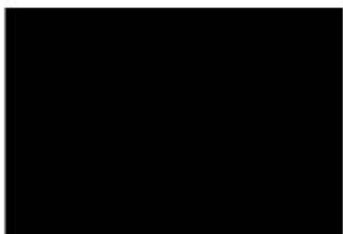
(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

Appendix B Letter to Community Consultees



Coleshill Green Hydrogen Project
c/o Renewable Energy Systems Limited



26th April 2023

Dear [REDACTED],

RE: Coleshill Green Hydrogen Project, Flint

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill manufacturing facility, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The paper mill will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

The following information for the proposed Coleshill Green Hydrogen Project is now available on the project website at www.coleshill-greenhydrogen.co.uk. Hard copies of the documents are available on request.

- Planning, Design and Access Statement
- Air Quality & Dust Risk Assessment
- Arboriculture Impact Assessment & Tree Impact Plan
- Coal Mining Assessment

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03144-002166

- Cultural Heritage Desktop Survey
- Flood Risk Screening and Drainage Management Plan
- Noise Assessment & Noise Survey Data
- Preliminary Ecology Assessment
- Transport Statement & Swept Path Analysis
- Location Plan
- Infrastructure Layout Plan
- Utility Connections Drawing
- Plant and Equipment Drawings

Please find enclosed the notice under Schedule 1B, formally requesting a pre-application consultation response. If you wish to make any comments or representations about the proposal, please do so in writing to me within the consultation period which ends on Wednesday 24th May 2023.

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

SCHEDULE 1
Pre-application notices

Article 4(4)

SCHEDULE 1B
PUBLICITY AND CONSULTATION BEFORE APPLYING FOR
PLANNING PERMISSION

Articles 2C & 2D

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

PUBLICITY AND CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION
NOTICE UNDER ARTICLES 2C AND 2D

(to be served on owners and/or occupiers of adjoining land and community consultees; and displayed by site notice on or near the location of the proposed development)

Purpose of this notice: this notice provides the opportunity to comment directly to the developer on a proposed development prior to the submission of a planning application to the local planning authority ("LPA"). Any subsequent planning application will be publicised by the relevant LPA; any comments provided in response to this notice will not prejudice your ability to make representations to the LPA on any related planning application. You should note that any comments submitted may be placed on the public file.

Proposed development at (a) Kimberly Clark Coleshill site, Aber Road, Flint, Flintshire, CH6 5EX

I give notice that (b) HYRO Energy Limited
Construct a Green Hydrogen Electrolyser
is intending to apply for planning permission to (c): (GHE) production and storage facility.

You may inspect copies of:

- the proposed application;
- the plans; and
- other supporting documents

online at (d) www.coleshill-greenhydrogen.co.uk and computer facilities are
available to view this information online at (e) Flint library, Church St, CH6 5AP ...
between the hours of (f) Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm

(or)

You may view this information at (g) between the hours of (h)

Anyone who wishes to make representations about this proposed development must write to the applicant/agent at (i) or (j)

by (k) 24th May 2023 (i). Iain Buchanan – Iain.Buchanan@res-group.com

Signed: Iain Buchanan

Date: 24th April 2023

ATODLEN 1
Hysbysiadau cyn-ymgeisio

Erthygl 4(4)

ATODLEN 1B
CYHOEDDUSRWYDD AC YMGYNHORI CYN GWNEUD CAIS AM
GANIATÂD CYNLLUNIO

Erthyglau 2C a 2D

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

CYHOEDDUSRWYDD AC YMGYNHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO
HYSBYSIAD O DAN ERTHYGLAU 2C A 2D

(i'w gyflwyno i berchnogion a/neu feddianwyr tir cyffiniol ac ymgynghoreion cymunedol; ac i'w arddangos drwy hysbysiad safle ar neu gerllaw lleoliad y datblygiad arfaethedig)

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn rhoi cyfle i wneud sylwadau yn uniongyrchol i'r datblygwr ynglŷn â datblygiad arfaethedig cyn cyflwyno cais am ganiatâd cynllunio i'r awdurdod cynllunio lleol ("ACLI"). Bydd unrhyw gais cynllunio dilynol yn cael ei hysbysebu gan yr ACLI perthnasol; ni fydd unrhyw sylwadau a ddarperir gennych wrth ymateb i'r hysbysiad hwn yn lleihau dim ar eich gallu i gyflwyno sylwadau i'r ACLI ar unrhyw gais cynllunio cysylltiedig. Dylech nodi y gellir gosod unrhyw sylwadau a gyflwynir gennych yn y ffeil gyhoeddus.

Datblygiad Arfaethedig yn (a) **Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX**

Rwyf yn hysbysu bod (b) **HYRO Energy Limited**

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): **Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.**

Gellwch archwilio copïau o'r canlynol:

- y cais arfaethedig;
- y planiau; a
- dogfennau ategol eraill

ar-lein yn (d) www.coleshill-greenhydrogen.co.uk ac mae cyfleusterau cyfrifiadur ar gael i archwilio'r wybodaeth hon ar lein yn (e) **Flint library, Church St, CH6 5AP** rhwng yr oriau (f) **Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm**

(neu)

Gellwch weld yr wybodaeth hon yn (g)..... rhwng yr oriau (h).....

Mae'n rhaid i unrhyw un sy'n dymuno gwneud sylwadau ynglŷn â'r datblygiad arfaethedig hwn ysgrifennu at y ceisydd/yr asiant yn (i) neu (j)

erbyn (k) **24th May 2023**

(i). **Iain Buchanan – Iain.Buchanan@res-group.com**

Llofnod: **Iain Buchanan**

Dyddiad: **24th April 2023**

Appendix C Letter to Other Consultees



Coleshill Green Hydrogen Project
c/o Renewable Energy Systems Limited



2nd May 2023

Dear Sir or Madam,

RE: Coleshill Green Hydrogen Project, Flint

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill manufacturing facility, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The manufacturing facility will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

Our website at www.coleshill-greenhydrogen.co.uk contains documents that are part of a Pre-Application Consultation (PAC) which allows members of the public to view details of the proposal, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

Hard copies of the documents are available on request.

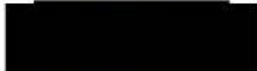
3rd Floor, STV, Pacific Quay, Glasgow G51 1PQ, United Kingdom | www.coleshill-greenhydrogen.co.uk

03144-002166

Comments or representations about the proposal should be made in writing, to the contact details below within the consultation period which ends on Wednesday 24th May 2023.

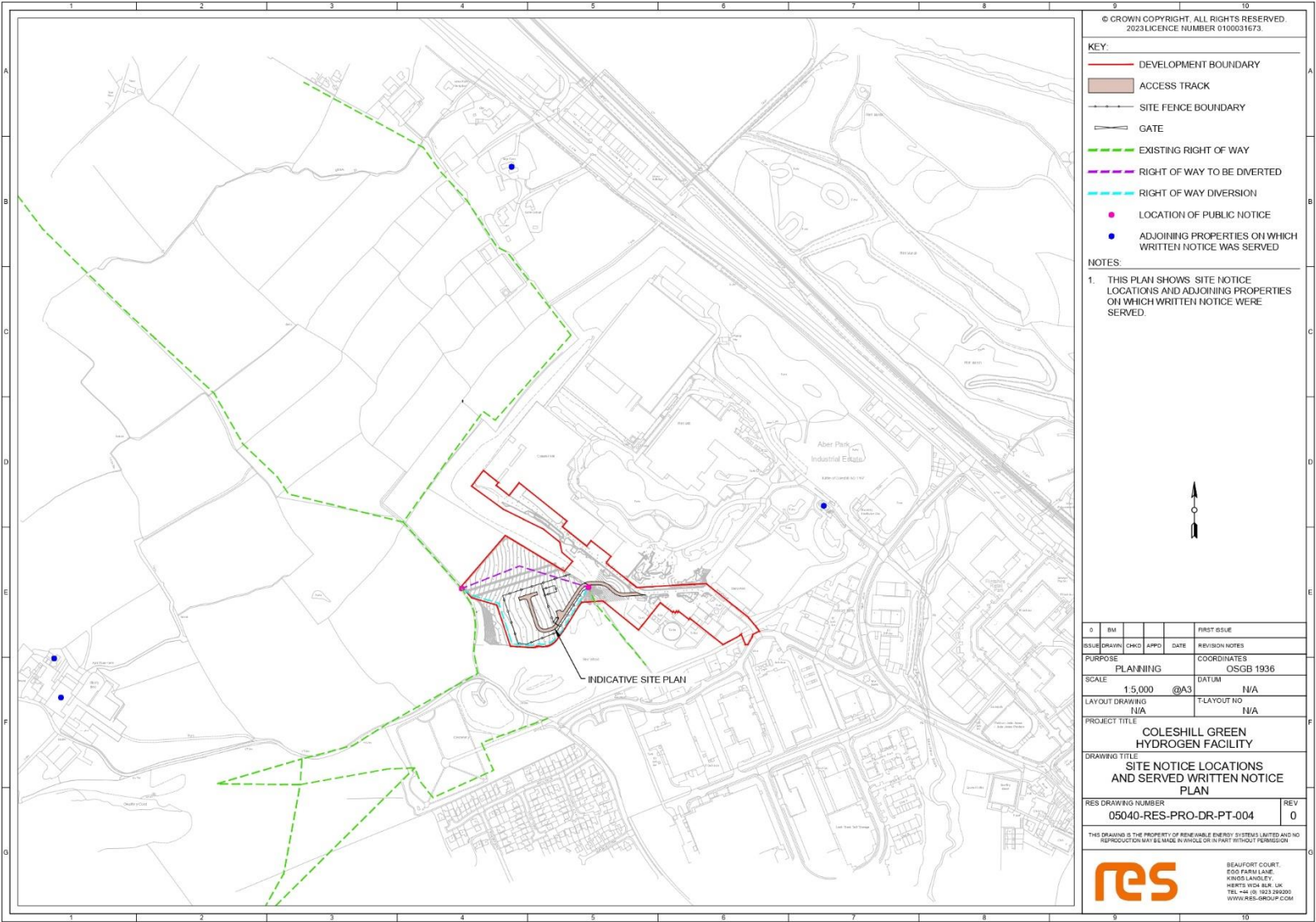
In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

Appendix D Plan showing site notice locations and adjacent properties on which written notice was served



Appendix E Site Notices

SCHEDULE 1C

Article 2D

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

NOTICE UNDER ARTICLE 2D

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A copy of the proposed application; plans; and other supporting documents are attached/can be viewed online at (d) www.coleshill-greenhydrogen.co.uk

In accordance with the requirements of article 2E of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012, a consultation response must be sent to (e) by (f).

Signed: Iain Buchanan

Date: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

ATODLEN 1C

Erthygl 2D

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

HYSBYSIAD O DAN ERTHYGL 2D

(i'w gyflwyno i ymgynghorion arbenigol, fel y'u diffinnir gan erthygl 2(1) o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn ddeisyfiad ffurfiol am ymateb i ymgynghoriad cyn-ymgeisio o dan erthygl 2D o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012.

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Rwyf yn hysbysu bod (b) HYRO Energy Limited

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

Mae copi o'r cais arfaethedig; planiau; a dogfennau ategol eraill wedi eu hatodi/ar gael i'w harchwilio ar lein yn (d) www.coleshill-greenhydrogen.co.uk

Yn unol â gofynion erthygl 2E o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012, rhaid anfon ymateb i'r ymgynghoriad at (e) erbyn (f).

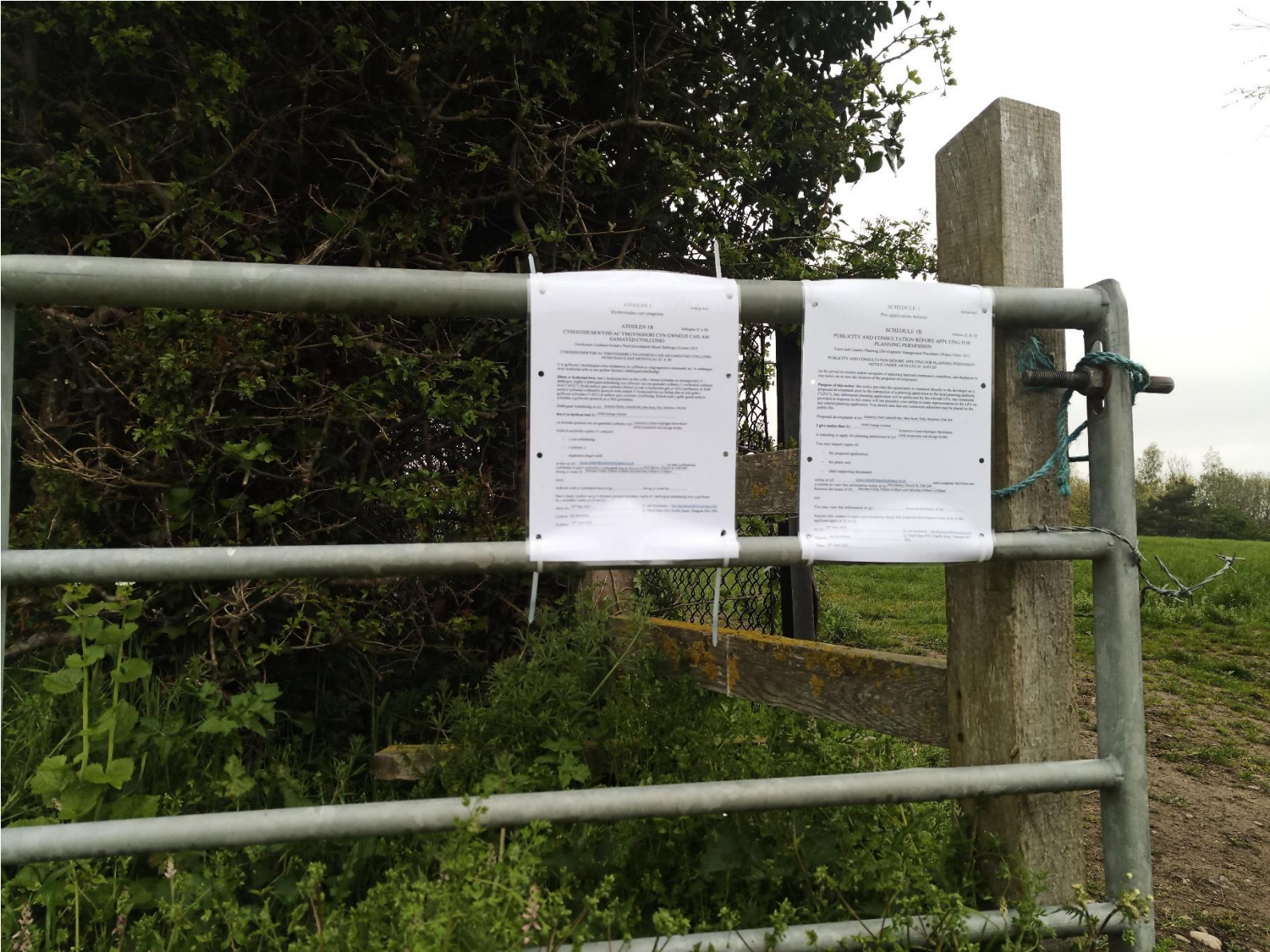
Llofnod: Iain Buchanan

Dyddiad: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

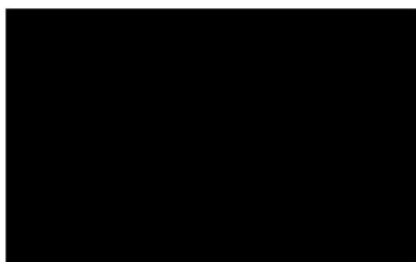




Appendix F Letter to adjacent properties



Coleshill Green Hydrogen Project
c/o Renewable Energy Systems Limited



Date 26th of April 2023

Dear [REDACTED],

RE: Coleshill Green Hydrogen Project, Flint

We are contacting you about a new proposed development adjacent to land that you occupy, Coleshill Green Hydrogen project, situated at Kimberly Clark Coleshill.

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

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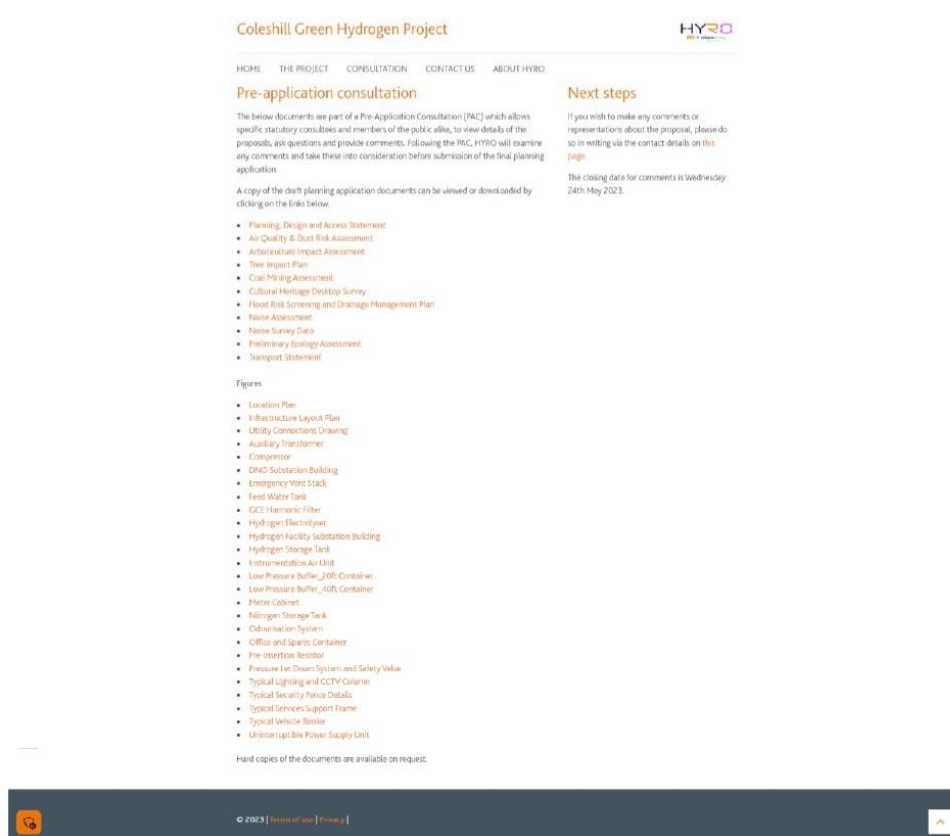
In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

Appendix G Website screenshots



Appendix H Consultation Responses from Statutory Consultees



200 Lichfield Lane
Berry Hill
Mansfield
Nottinghamshire
NG18 4RG

Tel: 01623 637 119 (Planning Enquiries)

Email: planningconsultation@coal.gov.uk

Web: www.gov.uk/coalauthority

For the Attention of: Mr I Buchanan
Flintshire County Council

[By Email: iain.buchanan@res-group.com]

16 May 2023

Dear Mr Buchanan

PLANNING APPLICATION: PRE-APPLICATION Coleshill Green Hydrogen Project

**Construct a Green Hydrogen Electrolyser (GHE) production and storage facility;
Kimberly Clark Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EP**

Thank you for your notification of 26 April 2023 seeking the views of the Coal Authority on the above pre-application enquiry.

The Coal Authority is a non-departmental public body sponsored by the Department of Business, Energy & Industrial Strategy. As a statutory consultee, The Coal Authority has a duty to respond to planning applications and development plans in order to protect the public and the environment in mining areas.

I have checked the location plan and I can confirm that the site falls outside the defined Development High Risk Area, though it is noted that there are two mine entries (shafts) close to the site boundary. However, even when considering their potential departure from the recorded position, as well as their zones of influence, these coal mining features remain outside the application site boundary.

Accordingly, the Coal Authority would not expect that a Coal Mining Risk Assessment Report to be included in any formal planning application documentation. That said, it is acknowledged that one has been provided as part of this pre-application submission (dated April 2023, prepared by Geoinvestigate). The report concludes that, *'In summary this CMRA has indicated that the proposed development is safe with regard to coal mining legacy issues and no further investigation is likely necessary'*.

Based on all of the above, in the event a formal planning application is made for the development proposed as identified in the pre-application documentation, the Coal Authority would raise no objection.

1

Protecting the public and the environment in mining areas

Please do not hesitate to contact me if you would like to discuss this matter further.

Yours sincerely

Ashley Langrick

Ashley Langrick BA (HONS) Dip TRP MRTPI
Planning and Development Manager – Corporate Projects

Disclaimer

The above consultation response is provided by The Coal Authority as a Statutory Consultee and is based upon the latest available data on the date of the response, and electronic consultation records held by The Coal Authority since 1 April 2013. The comments made are also based upon only the information provided to The Coal Authority by the Local Planning Authority and/or has been published on the Council's website for consultation purposes in relation to this specific planning application. The views and conclusions contained in this response may be subject to review and amendment by The Coal Authority if additional or new data/information (such as a revised Coal Mining Risk Assessment) is provided by the Local Planning Authority or the Applicant for consultation purposes.

From: [REDACTED]
Sent: 11 May 2023 09:51
To: Iain Buchanan; Craig Allison
Subject: Cadw - Coleshill Green Hydrogen Pre-Application - Response

ATTENTION: This originated outside of RES. Do not click links or open attachments unless you recognise the sender and know the content is safe.
If you suspect this to be a malicious email, please report it using the **Phish Alert Button**.

Dear Iain / Craig

Thank you for your consultation.

Advice

Scheduled Monuments:

FL003 Flint Castle
FL08 Bryn Castell Castle Mound
FL082 Hen Blas Castle Site
FL084 Bryn y Cwm Mound & Bailey Castle
FL081 Wat's Dyke: Section in Fron Tydyr
FL131 Pentre Bridge Roman Site
FL179 Hafod Wood Moated Site
FL213 Croes Atti Roman Site

Registered Parks and Gardens:

PGW(C)88(FLT) Halkyn Castle

The above designated historic assets are located inside 3km of the proposed development, but intervening topography, buildings and vegetation block all views between them. Consequently, the proposed development will have no impact on the settings of these designated historic assets.

Cadw therefore has no comments.

Kind regards

Nichola

Nichola Smith
Rheolwr Gwaith Achos/ Casework Manager, Cadw
Llywodraeth Cymru / Welsh Government

*Cadw - er lles pawb.
For us all, to keep.*

[Ymunwch â Cadw](#)
[Join Cadw](#)

From: Craig Allison <craig.allison@res-group.com>
Sent: 26 April 2023 16:56
To: Cadw Planning <CadwPlanning@gov.wales>
Cc: Iain Buchanan <Iain.Buchanan@res-group.com>
Subject: Coleshill Green Hydrogen Pre-Application Consultation Specialist consultee

Dear Sir/Madam,

Please find attached the relevant information about a new proposed development for which Welsh Ministers have been listed as a specialist consultee.

Kind regards,
Craig

Craig Allison
Assistant Development Project Manager - Green Hydrogen

craig.allison@res-group.com | www.res-group.com



Committed to a future where everyone has access to affordable zero carbon energy

Renewable Energy Systems Limited, registered in England and Wales with Company Number 1589961
Registered Office: Beaufort Court, Egg Farm Lane, Kings Langley, Hertfordshire WD4 8LR

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Sganiwyd y neges hon am bob feirws hysbys wrth iddi adael Llywodraeth Cymru. Mae Llywodraeth Cymru yn cymryd o ddifrif yr angen i ddiogelu eich data. Os cysylltwch â Llywodraeth Cymru, mae ein [hysbysiad preifatrwydd](#) yn esbonio sut rydym yn defnyddio eich gwybodaeth a sut rydym yn diogelu eich preifatrwydd.



Ein cyf/Our ref: CAS-216453-Z3Y5

Maes Y Ffynnon,
Penrhosgarnedd,
Bangor,
Gwynedd
LL572DW

ebost/email:
northplanning@cyfoethnaturiolcymru.gov.uk

23/05/2023

Annwyl Syr/Madam / Dear Sir/Madam,

STATUTORY PRE-APPLICATION CONSULTATION - TOWN AND COUNTRY PLANNING (DEVELOPMENT MANAGEMENT PROCEDURE) (WALES) ORDER 2012 AS AMENDED.

BWRIAD / PROPOSAL: CONSTRUCT A GREEN HYDROGEN ELECTROLYSER (GHE) PRODUCTION AND STORAGE FACILITY

LLEOLIAD / LOCATION: KIMBERLY CLARK, COLESHILL MILL, ABER ROAD, FLINT, FLINTSHIRE, CH6 5EP

Thank you for providing a requisite notice to us under Article 2D of the above Order. We received a copy of your proposed application on 26/04/2023.

We have concerns with the application as submitted. However, we are satisfied that these concerns can be overcome if the document identified below is included in the approved plans and documents condition on the decision notice:

- Ective Ecology, April 2023. Preliminary Ecological Appraisal

Please note, without the inclusion of this document we would object to this planning application. Further details are provided below.

Protected Sites

From the information provided, we consider that the proposal may affect the following protected sites;

- The Dee Estuary Special Area of Conservation (SAC)
- The Dee Estuary Special Protection Area (SPA)
- The Dee Estuary Ramsar

We have identified pollution as a potential impact pathway to features of the site. However, we are satisfied that impacts will be avoided through implementing standard pollution prevention measures.

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg
Correspondence welcomed in Welsh and English

We note that a Construction and Environmental Management Plan (CEMP) is to accompany the application when submitted to the Local Planning Authority (LPA). We welcome this approach.

The CEMP should demonstrate that only clean uncontaminated water to be discharged to surface water drains, as well incorporating any pollution risks and associated mitigation measures needed.

Any substance such as chemicals, fuels, oils to be stored securely within secondary containment at least 10 metres away from any drain/ditch/watercourse.

We would also welcome clarification surrounding the source of the water required to operate this facility. Water abstraction may require a permit, on which our Permitting Team will be able to advise the applicant.

As the competent authority under the Conservation of Habitats and Species Regulations 2017 (as amended), it is for the Local Authority to carry out the test of Likely Significant Effects for the proposed development. Should the LPA conclude that the proposal is likely to have a significant effect on a SAC/SPA/Ramsar site, either alone or in combination with other plans or projects, an appropriate assessment must be made of the implications of the project for that site in view of its conservation objectives. The LPA must for the purposes of the assessment consult NRW and have regard to any representations we make within such reasonable time as they specify.

Site of Special Scientific Interest (SSSI)

NRW consider the proposals have the potential to impact upon the Dee Estuary SSSI. Providing the impact pathways referenced above for the SAC are adequately addressed, NRW consider the features of the SSSI will also be adequately safeguarded

Protected Species

We note that the ecological report submitted in support of the above application (Ettive Ecology, April 2023. Preliminary Ecological Appraisal).

Great Crested Newt (GCN)

The report states that the development poses a low risk of harm and disturbance to GCN during the construction phase, and advises that mitigation is required. We concur with the assessment and recommendations of the report with regards to GCN.

We consider that the development is not likely to be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in its natural range.

Furthermore, we advise that the proposed development is not likely to harm or disturb the GCN or their breeding sites and resting places at this site, provided the avoidance measures described in the report are implemented.

We would advise the LPA to include the report in the 'approved list of plans / documents' condition within the decision notice should consent for the project be granted.

Bats

The report describes the site as having low bat roost potential, however does state that there will be some loss of foraging / commuting areas for bats, as well as some disturbance during construction. Furthermore, the report advises that mitigation is required. We concur with the assessment and recommendations within the report.

As this is a lower risk case for bats, we consider that the development is not likely to be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in its natural range.

Furthermore, we advise that the proposed development is not likely to harm or disturb the bats or their breeding sites and resting places at this site, provided the avoidance measures described in the bat report are implemented.

We would advise the LPA to include the report in the 'approved list of plans / documents' condition within the decision notice should consent for the project be granted.

Industry and Waste Regulation

Hydrogen Production

All forms of commercial hydrogen production require an installations permit under The Environmental Permitting (England and Wales) Regulations 2016, Schedule 1, Part 2, Chapter 4, Section 4.2, Par A(1)(a)(i). The operator is required to apply for and be successfully granted an Environmental Permitting Regulations installation permit before the hydrogen production process can begin at the site.

Two variants of such a permit exist. If the requirements listed in the following link <https://naturalresources.wales/permits-and-permissions/installations/apply-for-a-permit-to-produce-hydrogen-by-electrolysis/?lang=en> cannot be adhered to then the operator is required to apply for a bespoke installation permit.

Hydrogen Storage

Hydrogen is a named dangerous substance under The Control of Major Accident Hazards Regulations 2015. The tables contained in this legislation contain the quantities of substances that will trigger the requirements to notify as a lower tier (5 tonnes of hydrogen) or upper tier (50 tonnes of hydrogen) COMAH site.

Within a reasonable period of time prior to the start of construction of a new establishment the operator must send to the competent authority a notification. Information regarding notification can be found in this link

<https://www.hse.gov.uk/comah/notification/index.htm#requirements>

Foul Drainage

Before deciding a planning application, the LPA needs to be satisfied the foul drainage arrangements for the proposed development are suitable. We recommend you provide details regarding foul drainage arrangements with any planning application.

We refer you to WG Circular 008/2018 on private drainage, and specifically paragraphs 2.3-2.5, which stress the first presumption must be to provide a system of foul drainage discharging into a public sewer.

Other Matters

Please note, if further information is prepared to support an application, it may be necessary for us to change our advice in line with the new information.

Our comments above only relate specifically to matters included on our checklist, *Development Planning Advisory Service: Consultation Topics* (September 2018), which is published on our [website](#). We have not considered potential effects on other matters and do not rule out the potential for the proposed development to affect other interests.

In addition to planning permission, you are advised to ensure all other permits/consents/licences relevant to the development are secured. Please refer to our [website](#) for further details.

Further advice on the above matters could be provided prior to your planning application being submitted, however there would be a charge for this service. Additional details are available on our [website](#).

If you have any queries on the above, please do not hesitate to contact us.

Yn gywir / Yours faithfully

Garmon Lewis

Cynghorydd - Cynllunio Datblygu / Advisor - Development Planning
Cyfoeth Naturiol Cymru / Natural Resources Wales



Date 26th of April 2023

This email has been electronically sent

To whom it may concern,

RE: Coleshill Green Hydrogen Project, Flint

We invite comment from the Coal authority as you have been listed as a specialist consultee under The Town and County Planning (Wales) Order 2016 for a new proposed development Coleshill Green Hydrogen project, situated at Kimberly Clark Coleshill.

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill paper mill, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The paper mill will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

Our website at www.coleshill-greenhydrogen.co.uk contains documents that are part of a Pre-Application Consultation (PAC) which allows members of the public to view details of the proposal, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

Hard copies of the documents are available on request.

Comments or representations about the proposal should be made in writing, to the contact details below within the consultation period which ends on 24/05/2023

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

SCHEDULE 1C

Article 2D

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

NOTICE UNDER ARTICLE 2D

(to be served on specialist consultees, as defined by article 2(1) of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012

Purpose of this notice : this notice comprises a formal request for a pre-application consultation response under article 2D of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012.

Proposed development at (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6

I give notice that (b) HYRO Energy Limited

is intending to apply for planning permission to (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

A copy of the proposed application; plans; and other supporting documents are attached/can be viewed online at (d) www.coleshill-greenhydrogen.co.uk

In accordance with the requirements of article 2E of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012, a consultation response must be sent to (e) by (f).

Signed: Iain Buchanan

Date: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

HYSBYSIAD O DAN ERTHYGL 2D

(i'w gyflwyno i ymgynghoreion arbenigol, fel y'u diffinnir gan erthygl 2(1) o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn ddeisyfiad ffurfiol am ymateb i ymgynghoriad cyn-ymgeisio o dan erthygl 2D o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012.

Datblygiad arfaethedig yn (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX

Rwyf yn hysbysu bod (b) HYRO Energy Limited

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

Mae copi o'r cais arfaethedig; planiau; a dogfennau ategol eraill wedi eu hatodi/ar gael i'w harchwilio ar lein yn (d) www.coleshill-greenhydrogen.co.uk

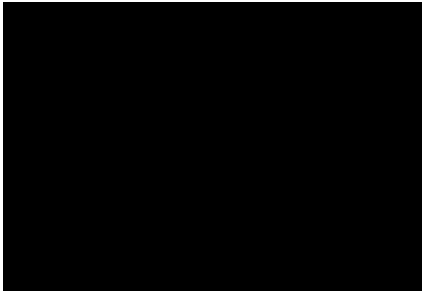
Yn unol â gofynion erthygl 2E o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012, rhaid anfon ymateb i'r ymgynghoriad at (e) erbyn (f).

Llofnod: Iain Buchanan

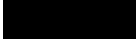
Dyddiad: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023



26th April 2023

Dear ,

RE: Coleshill Green Hydrogen Project, Flint

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill manufacturing facility, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The paper mill will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

The following information for the proposed Coleshill Green Hydrogen Project is now available on the project website at www.coleshill-greenhydrogen.co.uk. Hard copies of the documents are available on request.

- Planning, Design and Access Statement
- Air Quality & Dust Risk Assessment
- Arboriculture Impact Assessment & Tree Impact Plan
- Coal Mining Assessment

Pre-application notices

SCHEDULE 1B

Articles 2C & 2D

PUBLICITY AND CONSULTATION BEFORE APPLYING FOR
PLANNING PERMISSION

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

PUBLICITY AND CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION
NOTICE UNDER ARTICLES 2C AND 2D

(to be served on owners and/or occupiers of adjoining land and community consultees; and displayed by site notice on or near the location of the proposed development)

Purpose of this notice: this notice provides the opportunity to comment directly to the developer on a proposed development prior to the submission of a planning application to the local planning authority (“LPA”). Any subsequent planning application will be publicised by the relevant LPA; any comments provided in response to this notice will not prejudice your ability to make representations to the LPA on any related planning application. You should note that any comments submitted may be placed on the public file.

Proposed development at (a) Kimberly Clark Coleshill site, Aber Road, Flint, Flintshire, CH6 5EX

I give notice that (b) HYRO Energy Limited.....
Construct a Green Hydrogen Electrolyser
is intending to apply for planning permission to (c): (GHE) production and storage facility.

You may inspect copies of:

- the proposed application;
- the plans; and
- other supporting documents

online at (d) www.coleshill-greenhydrogen.co.uk..... and computer facilities are
available to view this information online at (e) Flint library, Church St, CH6 5AP...
between the hours of (f) Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm.....

(or)

You may view this information at (g)..... between the hours of (h).....

Anyone who wishes to make representations about this proposed development must write to the applicant/agent at (i) or (j)

by (k) 24th May 2023..... (i). Iain Buchanan – Iain.Buchanan@res-group.com
Signed: Iain Buchanan..... (j). Third Floor STV, Pacific Quay, Glasgow G51
1PQ

Date: 24th April 2023.....

ATODLEN 1

Erthygl 4(4)

Hysbysiadau cyn-ymgeisio

ATODLEN 1B

Erthyglau 2C a 2D

CYHOEDDUSRWYDD AC YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

CYHOEDDUSRWYDD AC YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO HYSBYSIAD O DAN ERTHYGLAU 2C A 2D

(i'w gyflwyno i berchnogion a/neu feddianwyr tir cyffiniol ac ymgylgoreion cymunedol; ac i'w arddangos drwy hysbysiad safle ar neu gerllaw lleoliad y datblygiad arfaethedig)

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn rhoi cyfle i wneud sylwadau yn uniongyrchol i'r datblygwr ynglŷn â datblygiad arfaethedig cyn cyflwyno cais am ganiatâd cynllunio i'r awdurdod cynllunio lleol ("ACLI"). Bydd unrhyw gais cynllunio dilynol yn cael ei hysbysebu gan yr ACLI perthnasol; ni fydd unrhyw sylwadau a ddarperir gennych wrth ymateb i'r hysbysiad hwn yn lleihau dim ar eich gallu i gyflwyno sylwadau i'r ACLI ar unrhyw gais cynllunio cysylltiedig. Dylech nodi y gellir gosod unrhyw sylwadau a gyflwynir gennych yn y ffeil gyhoeddus.

Datblygiad Arfaethedig yn (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX

Rwyf yn hysbysu bod (b) HYRO Energy Limited

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

Gellwch archwilio copïau o'r canlynol:

- y cais arfaethedig;
- y planiau; a
- dogfennau ategol eraill

ar-lein yn (d) www.coleshill-greenhydrogen.co.uk ac mae cyfleusterau cyfrifiadu'r gael i archwilio'r wybodaeth hon ar lein yn (e) Flint library, Church St, CH6 5AP. rhwng yr oriau (f) Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm

(neu)

Gellwch weld yr wybodaeth hon yn (g)..... rhwng yr oriau (h).....

Mae'n rhaid i unrhyw un sy'n dymuno gwneud sylwadau ynglŷn â'r datblygiad arfaethedig hwn ysgrifennu at y ceisydd/yr asiant yn (i) neu (j)

erbyn (k) 24th May 2023

(i). Iain Buchanan – Iain.Buchanan@res-group.com

(j). Third Floor STV, Pacific Quay, Glasgow G51 1PQ

Llofnod: Iain Buchanan

Dyddiad: 24th April 2023

- Cultural Heritage Desktop Survey
- Flood Risk Screening and Drainage Management Plan
- Noise Assessment & Noise Survey Data
- Preliminary Ecology Assessment
- Transport Statement & Swept Path Analysis
- Location Plan
- Infrastructure Layout Plan
- Utility Connections Drawing
- Plant and Equipment Drawings

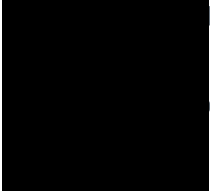
Please find enclosed the notice under Schedule 1B, formally requesting a pre-application consultation response. If you wish to make any comments or representations about the proposal, please do so in writing to me within the consultation period which ends on Wednesday 24th May 2023.

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727



2nd May 2023

Dear Sir or Madam,

RE: Coleshill Green Hydrogen Project, Flint

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill manufacturing facility, off Aber Road, Flint, CH6 5EP.

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Our website at www.coleshill-greenhydrogen.co.uk contains documents that are part of a Pre-Application Consultation (PAC) which allows members of the public to view details of the proposal, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

Hard copies of the documents are available on request.

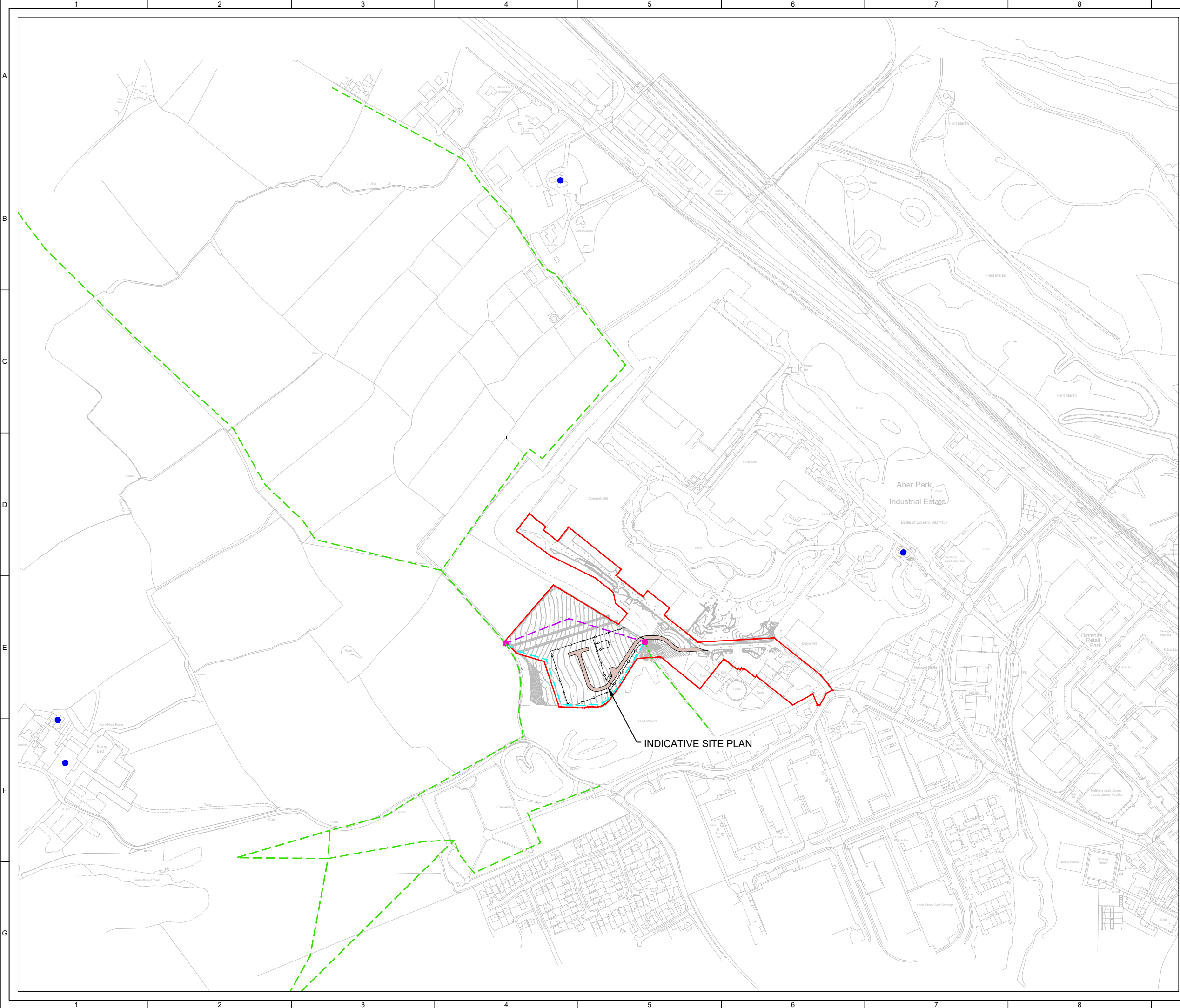
Comments or representations about the proposal should be made in writing, to the contact details below within the consultation period which ends on Wednesday 24th May 2023.

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727



© CROWN COPYRIGHT, ALL RIGHTS RESERVED.
2023 LICENCE NUMBER 0100031673.

KEY:

- DEVELOPMENT BOUNDARY
- ACCESS TRACK
- SITE FENCE BOUNDARY
- GATE
- EXISTING RIGHT OF WAY
- RIGHT OF WAY TO BE DIVERTED
- RIGHT OF WAY DIVERSION
- LOCATION OF PUBLIC NOTICE
- ADJOINING PROPERTIES ON WHICH WRITTEN NOTICE WAS SERVED

NOTES:

1. THIS PLAN SHOWS SITE NOTICE LOCATIONS AND ADJOINING PROPERTIES ON WHICH WRITTEN NOTICE WERE SERVED.

0	BM				FIRST ISSUE
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE PLANNING					COORDINATES OSGB 1936
SCALE 1:5,000 @A3					DATUM N/A
LAYOUT DRAWING N/A					T-LAYOUT NO N/A
PROJECT TITLE COLESHILL GREEN HYDROGEN FACILITY					
DRAWING TITLE SITE NOTICE LOCATIONS AND SERVED WRITTEN NOTICE PLAN					
RES DRAWING NUMBER 05040-RES-PRO-DR-PT-004					REV 0
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<div> BEAUFORT COURT, EGG FARM LANE, KINGS LANGLEY, HERTS WD4 8LR. UK TEL +44 (0) 1923 299200 WWW.RES-GROUP.COM</div>					

SCHEDULE 1C

Article 2D

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

Town and Country Planning (Development Management Procedure) (Wales) Order 2012

CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION

NOTICE UNDER ARTICLE 2D

(to be served on specialist consultees, as defined by article 2(1) of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012

Purpose of this notice : this notice comprises a formal request for a pre-application consultation response under article 2D of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012.

Proposed development at (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6

I give notice that (b) HYRO Energy Limited

is intending to apply for planning permission to (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

A copy of the proposed application; plans; and other supporting documents are attached/can be viewed online at (d) www.coleshill-greenhydrogen.co.uk

In accordance with the requirements of article 2E of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012, a consultation response must be sent to (e) by (f).

Signed: Iain Buchanan

Date: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

Gorchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

YMGYNGHORI CYN GWNEUD CAIS AM GANIATÂD CYNLLUNIO

HYSBYSIAD O DAN ERTHYGL 2D

(i'w gyflwyno i ymgynghoreion arbenigol, fel y'u diffinnir gan erthygl 2(1) o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012

Diben yr hysbysiad hwn: mae'r hysbysiad hwn yn ddeisyfiad ffurfiol am ymateb i ymgynghoriad cyn-ymgeisio o dan erthygl 2D o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012.

Datblygiad arfaethedig yn (a) Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX

Rwyf yn hysbysu bod (b) HYRO Energy Limited

yn bwriadu gwneud cais am ganiatâd cynllunio i (c): Construct a Green Hydrogen Electrolyser (GHE) production and storage facility.

Mae copi o'r cais arfaethedig; planiau; a dogfennau ategol eraill wedi eu hatodi/ar gael i'w harchwilio ar lein yn (d) www.coleshill-greenhydrogen.co.uk

Yn unol â gofynion erthygl 2E o Orchymyn Cynllunio Gwlad a Thref (Gweithdrefn Rheoli Datblygu) (Cymru) 2012, rhaid anfon ymateb i'r ymgynghoriad at (e) erbyn (f).

Llofnod: Iain Buchanan

Dyddiad: 24/4/2023

(e). Iain Buchanan – Iain.Buchanan@res-group.com

(f). 24/5/2023

ATODLEN 1B Erthyglau 2C a 2D
CYHOEDDUSRWYDD AC YMGYNGHORI CYN GWNEUD CAIS AM
GANIATÂD CYNLLUNIO

(i) w gyflwyno i berchnogion a heu foddianwyr tir cyffiniol ac ymgynghoreion cymunedol; ac i'w arddangos

urwy hyspysiad safon ar ffurf gerllaw lleoliad y datblygiad arfaethedig)

Dimen yr hysbysiad hwn mae'r hysbysiad hwn yn rhoi cyfle i wneud sylwadau yn uniongyrchol i'r datblygwyr ynghyd â datblygiad arfaethedig cyn cyflwyno cas ar ganiatâd cynllunio i'r awdurdod cynllunio lleol ("ACLI"). Bydd unrhyw gas cynllunio dilynol yn cael ei hysbysu gan yr ACLI perthnasol; ni fydd unrhyw sylwadau a ddarperir gennych wrth ymateb i'r hysbysiad hwn yn lleihau dim ar eich gallu i gyflwyno sylwadau i'r ACLI ar unrhyw gas cynllunio cysylltiedig. Dylech nodi y gellir gosod unrhyw sylwadau a gyflwynir gennych yn y ffeil gyhoeddus.

Datblygiad Arfaethedig yn (a) **Kimberly Clark, Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EX**

Rwyf yn hyabysu bod (b) **HYRO Energy Limited**

yn bwtio gwneud cais am ganiatâd cynllunio i (c): **Construct a Green Hydrogen Electrolyser**

Gellwch archwilio coplau o'r canlynol:

* y cais urfaethedig.

- y plañiu; a

- dogfennau ategol eraill

ar-lein yn (d) www.collehill-greenhydrogen.co.uk ac mae cyfleusterau

Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm

(b)(1)

Gellwch weld yr wybodaeth hon yn (g)..... rhwng yr oriau (h).....

Mac'n rhaid i unrhyw un sy'n dymuno gwneud sylwadau ynghŷn â'r datblygiad arfaethedig hwn ysgrifennu at y ceuwydd/yr asiant yn (i) neu (i)

crbyn (k) 24th May 2023 (i) Iain Buchanan - Iain.Buchanan@res-group.co.uk

Llofnod: Iain Buchanan

Dyddiad: 24th April 2023

100

SCHEDULE 1B Articles 2C & 2D
PUBLICITY AND CONSULTATION BEFORE APPLYING FOR
PLANNING PERMISSION

(to be served on owners and/or occupiers of adjoining land and community consultees, and displayed by site notice on or near the location of the proposed development)

Purpose of this notice: this notice provides the opportunity to comment directly to the developer on a proposed development prior to the submission of a planning application to the local planning authority ("LPA"). Any subsequent planning application will be publicised by the relevant LPA, any comments provided in response to this notice will not prejudice your ability to make representations to the LPA on any related planning application. You should note that any comments submitted may be placed on the public file.

Proposed development at (a) **Kimberly Clark Coleshill site, Aber Road, Flint, Flintshire, CH6 5EX**

I give notice that (b) HYRO Energy Limited

Construct a Green Hydrogen Electrolyzer (GHE) production and storage facility.

is intending to apply for planning permission to (c).

You may inspect copies of

- the proposed application;

- the plans; and

- other supporting documents

online at (d) www.coleshill-greenhydrogen.co.uk and computer facilities are available to view this information online at (e) Flint library, Church St, CH6 5AP

Monday-Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm

(or)

You may view this information at (g) between the hours of (h)

Anyone who wishes to make representations about this proposed development must write to the

74th MEW 2073

by (k) 24 May 2023 (i) Iain Buchanan – Iain.Buchanan@res-group.com
(ii) Third Floor STV, Pacific Quay, Glasgow G51

Signed: Iain Buchanan 1PQ

Date: 24th April 2023

[illegible]

<p>SCHEDULE 1 Pre-application notices</p>	<p>Article 4(4)</p>
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<p>SCHEDULE 1B PUBLICITY AND CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION</p> <p>Town and Country Planning (Development Management Procedures) (Wales) Order 2012</p> <p>PUBLICITY AND CONSULTATION BEFORE APPLYING FOR PLANNING PERMISSION NOTICE UNDER ARTICLES 2C AND 2D</p>	<p>Articles 2C & 2D</p>
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(to be served on owners and/or occupiers of adjoining land and community consultees, and displayed by site notice on or near the location of the proposed development)

Purpose of this notice: this notice provides the opportunity to comment directly to the developer on a proposed development prior to the submission of a planning application to the local planning authority ("LPA"). Any subsequent planning application will be published by the relevant LPA, any comments provided in response to this notice will not prejudice your ability to make representations to the LPA, any related planning application. You should note that any comments submitted may be placed on the public file.

Prepared development at (a) Kimberly Clark Colehill site, Aber Road, Flint, Flintshire, CH6 5EX

I give notice that (b) HYRO Energy Limited Construct a Green Hydrogen Electrolyser (GHE) production and storage facility

is intending to apply for planning permission to (c)

You may inspect copies of:

- the proposed application,
- the plans, and
- other supporting documents

online at (d) www.cnhl.org.uk and computer facilities are available to view this information online at (e) First Floor, Church St, CH6 5AP

between the hours of (f) Monday/Friday 9:00am-5:00pm and Saturday 9:00am-12:00pm

(or)

You may view this information at (g) between the hours of (h)

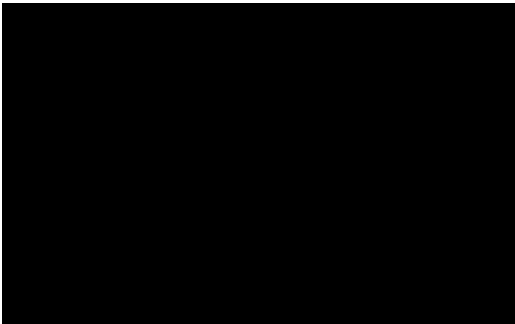
Anyone who wishes to make representations about this proposed development must write to the planning department at (i) or (j)

by (k) 24th May 2023

Signed: Tom Buchanan

Date: 10th April 2023

(l) Tom Buchanan
(m) Third Floor ST, Pacific Quay, Glasgow G3 7DQ



Date 26th of April 2023

Dear [REDACTED],

RE: Coleshill Green Hydrogen Project, Flint

We are contacting you about a new proposed development adjacent to land that you occupy, Coleshill Green Hydrogen project, situated at Kimberly Clark Coleshill.

RES has entered into a joint venture with Octopus Energy Generation to form HYRO Energy Limited to enable the delivery of a home-grown, reliable and cost-competitive source of clean hydrogen from renewables to help energy-intensive industrial businesses decarbonise hard-to-electrify processes.

HYRO is now formally consulting on a proposed planning application for a Green Hydrogen Electrolyser production and storage facility on land near Kimberly-Clark's Coleshill paper mill, off Aber Road, Flint, CH6 5EP.

The Coleshill Green Hydrogen Project will use electricity from renewable sources to split water and create green hydrogen. The paper mill will use the green hydrogen to fuel a new hydrogen ready boiler, located inside the mill. This new boiler produces the steam and heat necessary for the paper manufacturing process at the mill and will replace the current boiler which is fuelled by polluting natural gas.

Green hydrogen projects will be vital for energy security and to meet net zero targets. Green hydrogen can help to address the urgent need to decarbonise industrial businesses and hard to abate sectors such as heating and transportation as well as providing a green alternative to petrol, diesel or natural gas.

Our website at www.coleshill-greenhydrogen.co.uk contains documents that are part of a Pre-Application Consultation (PAC) which allows members of the public to view details of the proposal, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

Hard copies of the documents are available on request.

Comments or representations about the proposal should be made in writing, to the contact details below within the consultation period which ends on 24/05/2023.

In the meantime, if you have any questions on the project, or would like further information, do not hesitate to contact me.

Yours sincerely,



Iain Buchanan
Development Project Manager
E iain.buchanan@res-group.com
T +44 07570 230727

Pre-application consultation

The below documents are part of a Pre-Application Consultation (PAC) which allows specific statutory consultees and members of the public alike, to view details of the proposals, ask questions and provide comments. Following the PAC, HYRO will examine any comments and take these into consideration before submission of the final planning application.

A copy of the draft planning application documents can be viewed or downloaded by clicking on the links below.

- [Planning, Design and Access Statement](#)
- [Air Quality & Dust Risk Assessment](#)
- [Arboriculture Impact Assessment](#)
- [Tree Impact Plan](#)
- [Coal Mining Assessment](#)
- [Cultural Heritage Desktop Survey](#)
- [Flood Risk Screening and Drainage Management Plan](#)
- [Noise Assessment](#)
- [Noise Survey Data](#)
- [Preliminary Ecology Assessment](#)
- [Transport Statement](#)

Figures

- [Location Plan](#)
- [Infrastructure Layout Plan](#)
- [Utility Connections Drawing](#)
- [Auxiliary Transformer](#)
- [Compressor](#)
- [DNO Substation Building](#)
- [Emergency Vent Stack](#)
- [Feed Water Tank](#)
- [GCE Harmonic Filter](#)
- [Hydrogen Electrolyser](#)
- [Hydrogen Facility Substation Building](#)
- [Hydrogen Storage Tank](#)
- [Instrumentation Air Unit](#)
- [Low Pressure Buffer_20ft Container](#)
- [Low Pressure Buffer_40ft Container](#)
- [Meter Cabinet](#)
- [Nitrogen Storage Tank](#)
- [Odourisation System](#)
- [Office and Spares Container](#)
- [Pre-Insertion Resistor](#)
- [Pressure Let Down System and Safety Valve](#)
- [Typical Lighting and CCTV Column](#)
- [Typical Security Fence Details](#)
- [Typical Services Support Frame](#)
- [Typical Vehicle Barrier](#)
- [Uninterruptible Power Supply Unit](#)

Hard copies of the documents are available on request.

Next steps

If you wish to make any comments or representations about the proposal, please do so in writing via the contact details on [this page](#).

The closing date for comments is Wednesday 24th May 2023.





The Coal
Authority



INVESTOR IN PEOPLE



RTPI

Learning Partner

200 Lichfield Lane
Berry Hill
Mansfield
Nottinghamshire
NG18 4RG

Tel: 01623 637 119 (Planning Enquiries)

Email: planningconsultation@coal.gov.uk

Web: www.gov.uk/coalauthority

For the Attention of: Mr I Buchanan
Flintshire County Council

[By Email: ian.buchanan@res-group.com]

16 May 2023

Dear Mr Buchanan

PLANNING APPLICATION: PRE-APPLICATION Coleshill Green Hydrogen Project

**Construct a Green Hydrogen Electrolyser (GHE) production and storage facility;
Kimberly Clark Coleshill Mill, Aber Road, Flint, Flintshire, CH6 5EP**

Thank you for your notification of 26 April 2023 seeking the views of the Coal Authority on the above pre-application enquiry.

The Coal Authority is a non-departmental public body sponsored by the Department of Business, Energy & Industrial Strategy. As a statutory consultee, The Coal Authority has a duty to respond to planning applications and development plans in order to protect the public and the environment in mining areas.

I have checked the location plan and I can confirm that the site falls outside the defined Development High Risk Area, though it is noted that there are two mine entries (shafts) close to the site boundary. However, even when considering their potential departure from the recorded position, as well as their zones of influence, these coal mining features remain outside the application site boundary.

Accordingly, the Coal Authority would not expect that a Coal Mining Risk Assessment Report to be included in any formal planning application documentation. That said, it is acknowledged that one has been provided as part of this pre-application submission (dated April 2023, prepared by Geoinvestigate). The report concludes that, *'In summary this CMRA has indicated that the proposed development is safe with regard to coal mining legacy issues and no further investigation is likely necessary'*.

Based on all of the above, in the event a formal planning application is made for the development proposed as identified in the pre-application documentation, the Coal Authority would raise no objection.

Please do not hesitate to contact me if you would like to discuss this matter further.

Yours sincerely

Ashley Langrick

Ashley Langrick BA (HONS) Dip TRP MRTPI

Planning and Development Manager – Corporate Projects

Disclaimer

The above consultation response is provided by The Coal Authority as a Statutory Consultee and is based upon the latest available data on the date of the response, and electronic consultation records held by The Coal Authority since 1 April 2013. The comments made are also based upon only the information provided to The Coal Authority by the Local Planning Authority and/or has been published on the Council's website for consultation purposes in relation to this specific planning application. The views and conclusions contained in this response may be subject to review and amendment by The Coal Authority if additional or new data/information (such as a revised Coal Mining Risk Assessment) is provided by the Local Planning Authority or the Applicant for consultation purposes.

From: [REDACTED]
Sent: 11 May 2023 09:51
To: Iain Buchanan; Craig Allison
Subject: Cadw - Coleshill Green Hydrogen Pre-Application - Response

ATTENTION: This originated outside of RES. Do not click links or open attachments unless you recognise the sender and know the content is safe.
If you suspect this to be a malicious email, please report it using the **Phish Alert Button**.

Dear Iain / Craig

Thank you for your consultation.

Advice

Scheduled Monuments:

FL003 Flint Castle
FL06 Bryn Castell Castle Mound
FL062 Hen Blas Castle Site
FL064 Bryn y Cwm Mound & Bailey Castle
FL081 Wat's Dyke: Section in Fron Tydyr
FL131 Pentre Bridge Roman Site
FL179 Hafod Wood Moated Site
FL213 Croes Atti Roman Site

Registered Parks and Gardens:

PGW(C)68(FLT) Halkyn Castle

The above designated historic assets are located inside 3km of the proposed development, but intervening topography, buildings and vegetation block all views between them. Consequently, the proposed development will have no impact on the settings of these designated historic assets.

Cadw therefore has no comments.

Kind regards

Nichola



Nichola Smith

Rheolwr Gwaith Achos/ Casework Manager, Cadw
Llywodraeth Cymru / Welsh Government

Cadw - er lles pawb.
For us all, to keep.

[Ymunwch â Cadw](#)
[Join Cadw](#)

From: Craig Allison <craig.allison@res-group.com>
Sent: 26 April 2023 16:56
To: Cadw Planning <CadwPlanning@gov.wales>
Cc: Iain Buchanan <iain.buchanan@res-group.com>
Subject: Coleshill Green Hydrogen Pre-Application Consultation Specialist consultee

Dear Sir/Madam,

Please find attached the relevant information about a new proposed development for which Welsh Ministers have been listed as a specialist consultee.

Kind regards,
Craig

Craig Allison
Assistant Development Project Manager - Green Hydrogen

craig.allison@res-group.com | www.res-group.com



Committed to a future where everyone has access to affordable zero carbon energy.

Renewable Energy Systems Limited, registered in England and Wales with Company Number 1589961
Registered Office: Beaufort Court, Egg Farm Lane, Kings Langley, Hertfordshire WD4 8LR

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Sganiwyd y neges hon am bob feirws hysbys wrth iddi adael Llywodraeth Cymru. Mae Llywodraeth Cymru yn cymryd o ddifrif yr angen i ddiogelu eich data. Os cysylltwch â Llywodraeth Cymru, mae ein [hysbysiad preifatrwydd](#) yn esbonio sut rydym yn defnyddio eich gwybodaeth a sut rydym yn diogelu eich preifatrwydd.



**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

Ein cyf/Our ref: CAS-216453-Z3Y5

Maes Y Ffynnon,
Penrhosgarnedd,
Bangor,
Gwynedd
LL572DW

ebost/email:
northplanning@cyfoethnaturiolcymru.gov.uk

23/05/2023

Annwyl Syr/Madam / Dear Sir/Madam,

STATUTORY PRE-APPLICATION CONSULTATION - TOWN AND COUNTRY PLANNING (DEVELOPMENT MANAGEMENT PROCEDURE) (WALES) ORDER 2012 AS AMENDED.

BWRIAD / PROPOSAL: CONSTRUCT A GREEN HYDROGEN ELECTROLYSER (GHE) PRODUCTION AND STORAGE FACILITY

LLEOLIAD / LOCATION: KIMBERLY CLARK, COLESHILL MILL, ABER ROAD, FLINT, FLINTSHIRE, CH6 5EP

Thank you for providing a requisite notice to us under Article 2D of the above Order. We received a copy of your proposed application on 26/04/2023.

We have concerns with the application as submitted. However, we are satisfied that these concerns can be overcome if the document identified below is included in the approved plans and documents condition on the decision notice:

- Etive Ecology, April 2023. Preliminary Ecological Appraisal

Please note, without the inclusion of this document we would object to this planning application. Further details are provided below.

Protected Sites

From the information provided, we consider that the proposal may affect the following protected sites;

- The Dee Estuary Special Area of Conservation (SAC)
- The Dee Estuary Special Protection Area (SPA)
- The Dee Estuary Ramsar

We have identified pollution as a potential impact pathway to features of the site. However, we are satisfied that impacts will be avoided through implementing standard pollution prevention measures.

We note that a Construction and Environmental Management Plan (CEMP) is to accompany the application when submitted to the Local Planning Authority (LPA). We welcome this approach.

The CEMP should demonstrate that only clean uncontaminated water to be discharged to surface water drains, as well incorporating any pollution risks and associated mitigation measures needed.

Any substance such as chemicals, fuels, oils to be stored securely within secondary containment at least 10 metres away from any drain/ditch/watercourse.

We would also welcome clarification surrounding the source of the water required to operate this facility. Water abstraction may require a permit, on which our Permitting Team will be able to advise the applicant.

As the competent authority under the Conservation of Habitats and Species Regulations 2017 (as amended), it is for the Local Authority to carry out the test of Likely Significant Effects for the proposed development. Should the LPA conclude that the proposal is likely to have a significant effect on a SAC/SPA/Ramsar site, either alone or in combination with other plans or projects, an appropriate assessment must be made of the implications of the project for that site in view of its conservation objectives. The LPA must for the purposes of the assessment consult NRW and have regard to any representations we make within such reasonable time as they specify.

Site of Special Scientific Interest (SSSI)

NRW consider the proposals have the potential to impact upon the Dee Estuary SSSI. Providing the impact pathways referenced above for the SAC are adequately addressed, NRW consider the features of the SSSI will also be adequately safeguarded

Protected Species

We note that the ecological report submitted in support of the above application (Etive Ecology, April 2023. Preliminary Ecological Appraisal).

Great Crested Newt (GCN)

The report states that the development poses a low risk of harm and disturbance to GCN during the construction phase, and advises that mitigation is required. We concur with the assessment and recommendations of the report with regards to GCN.

We consider that the development is not likely to be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in its natural range.

Furthermore, we advise that the proposed development is not likely to harm or disturb the GCN or their breeding sites and resting places at this site, provided the avoidance measures described in the report are implemented.

We would advise the LPA to include the report in the 'approved list of plans / documents' condition within the decision notice should consent for the project be granted.

Bats

The report describes the site as having low bat roost potential, however does state that there will be some loss of foraging / commuting areas for bats, as well as some disturbance during construction. Furthermore, the report advises that mitigation is required. We concur with the assessment and recommendations within the report.

As this is a lower risk case for bats, we consider that the development is not likely to be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in its natural range.

Furthermore, we advise that the proposed development is not likely to harm or disturb the bats or their breeding sites and resting places at this site, provided the avoidance measures described in the bat report are implemented.

We would advise the LPA to include the report in the 'approved list of plans / documents' condition within the decision notice should consent for the project be granted.

Industry and Waste Regulation

Hydrogen Production

All forms of commercial hydrogen production require an installations permit under The Environmental Permitting (England and Wales) Regulations 2016, Schedule 1, Part 2, Chapter 4, Section 4.2, Part A(1)(a)(i). The operator is required to apply for and be successfully granted an Environmental Permitting Regulations installation permit before the hydrogen production process can begin at the site.

Two variants of such a permit exist. If the requirements listed in the following link <https://naturalresources.wales/permits-and-permissions/installations/apply-for-a-permit-to-produce-hydrogen-by-electrolysis/?lang=en> cannot be adhered to then the operator is required to apply for a bespoke installation permit.

Hydrogen Storage

Hydrogen is a named dangerous substance under The Control of Major Accident Hazards Regulations 2015. The tables contained in this legislation contain the quantities of substances that will trigger the requirements to notify as a lower tier (5 tonnes of hydrogen) or upper tier (50 tonnes of hydrogen) COMAH site.

Within a reasonable period of time prior to the start of construction of a new establishment the operator must send to the competent authority a notification. Information regarding notification can be found in this link

<https://www.hse.gov.uk/comah/notification/index.htm#requirements>

Foul Drainage

Before deciding a planning application, the LPA needs to be satisfied the foul drainage arrangements for the proposed development are suitable. We recommend you provide details regarding foul drainage arrangements with any planning application.

We refer you to WG Circular 008/2018 on private drainage, and specifically paragraphs 2.3-2.5, which stress the first presumption must be to provide a system of foul drainage discharging into a public sewer.

Other Matters

Please note, if further information is prepared to support an application, it may be necessary for us to change our advice in line with the new information.

Our comments above only relate specifically to matters included on our checklist, *Development Planning Advisory Service: Consultation Topics* (September 2018), which is published on our [website](#). We have not considered potential effects on other matters and do not rule out the potential for the proposed development to affect other interests.

In addition to planning permission, you are advised to ensure all other permits/consents/licences relevant to the development are secured. Please refer to our [website](#) for further details.

Further advice on the above matters could be provided prior to your planning application being submitted, however there would be a charge for this service. Additional details are available on our [website](#).

If you have any queries on the above, please do not hesitate to contact us.

Yn gywir / Yours faithfully

Garmon Lewis

Cynghorydd - Cynllunio Datblygu / Advisor - Development Planning
Cyfoeth Naturiol Cymru / Natural Resources Wales