



DEAR NEIGHBOUR,

Welcome to the Local Community Newsletter.

Since our last Newsletter our factory has been operating at full production. As Covid restrictions continue to ease we are monitoring the situation and gradually removing the on-site Covid protocols. We look forward to getting back to normal and welcoming visitors to the factory again in 2022.

As part of the planning permission, granted in April 2018, we will soon begin work to build storage and transport systems to enable the factory to fulfil its climate objective to replace fossil fuels. The construction work will run into 2024 and once complete we will be able to use alternative fuels to reduce our CO₂ emissions. Limerick remains the only cement factory in Ireland not using alternative fuels and we are keen to achieve further emission reductions by implementing our planning permission.

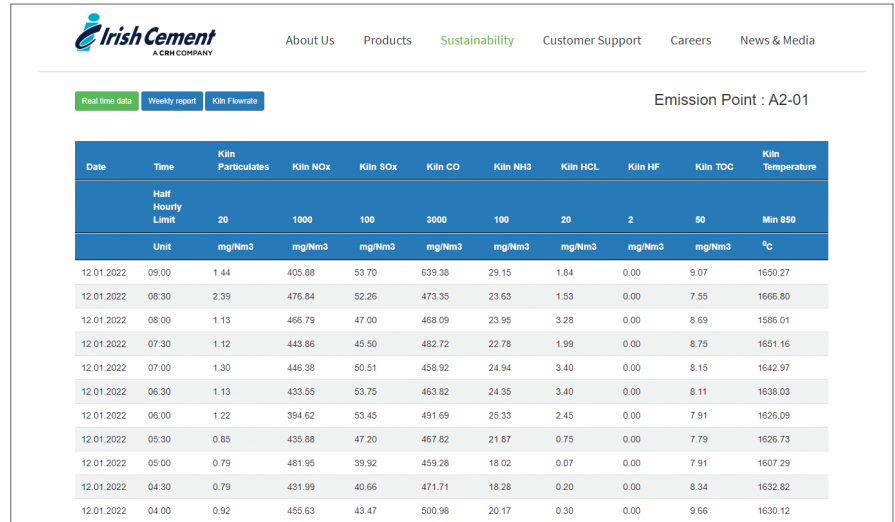
Separate from the implementation of the planning permission, two parties have lodged court proceedings challenging the decision-making process of the EPA in granting the revised Industrial Emissions licence. The cases are due to be heard later this year. Further updates will be provided in subsequent Newsletters.

Please feel free to contact me if you have any questions or comments.

Pat Robinson

Limerick Works Manager
T 061 487200
E info@irishcement.ie

EMISSIONS REPORTING ONLINE



The screenshot shows the Irish Cement website's 'Real time data' section for Emission Point A2-01. It includes a navigation menu with 'About Us', 'Products', 'Sustainability', 'Customer Support', 'Careers', and 'News & Media'. Below the menu are tabs for 'Real time data', 'Weekly report', and 'Kiln Flowrate'. The main content is a table with columns for Date, Time, Kiln Particulates, Kiln NOx, Kiln SOx, Kiln CO, Kiln NH3, Kiln HCL, Kiln HF, Kiln TOC, and Kiln Temperature. The table also includes a 'Half Hourly Limit' row and a 'Unit' row. The data rows show emissions for various times on 12.01.2022.

Date	Time	Kiln Particulates	Kiln NOx	Kiln SOx	Kiln CO	Kiln NH3	Kiln HCL	Kiln HF	Kiln TOC	Kiln Temperature
Half Hourly Limit		20	1000	100	3000	100	20	2	50	Min 850
Unit		mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	°C
12.01.2022	09:00	1.44	405.88	53.70	639.38	29.15	1.84	0.00	9.07	1650.27
12.01.2022	08:30	2.39	476.84	52.26	473.35	23.63	1.53	0.00	7.55	1666.80
12.01.2022	08:00	1.13	466.79	47.00	468.09	23.95	3.28	0.00	8.69	1586.01
12.01.2022	07:30	1.12	443.86	45.50	482.72	22.78	1.99	0.00	8.75	1651.16
12.01.2022	07:00	1.30	446.38	50.51	458.92	24.94	3.40	0.00	8.15	1642.97
12.01.2022	06:30	1.13	433.55	53.75	463.82	24.35	3.40	0.00	8.11	1638.03
12.01.2022	06:00	1.22	394.62	53.45	491.69	25.33	2.45	0.00	7.91	1626.09
12.01.2022	05:30	0.85	435.88	47.20	467.82	21.87	0.75	0.00	7.79	1626.73
12.01.2022	05:00	0.79	481.95	39.92	459.28	18.02	0.07	0.00	7.91	1607.29
12.01.2022	04:30	0.79	431.99	40.66	471.71	18.28	0.20	0.00	8.34	1632.82
12.01.2022	04:00	0.92	455.63	43.47	500.98	20.17	0.30	0.00	9.66	1630.12

As a condition of our new EPA licence which we received during 2021 the factory is required to display real time emission data on the Irish Cement website. The licensed emissions from the factory are already continuously monitored and recorded and can be inspected at any time by the EPA. This new condition now makes the emissions data available to anyone who is interested. In line with the new licence condition the team in Limerick have put in place a system to display the emission data on the website. Following approval by the EPA and a testing period the emissions data has been live since early December 2021. The data can be viewed at the following link;

<https://www.irishcement.ie/limerick-emissions-data/>

BARN OWL NEST BOXES

New Barn Owl nest boxes are being fitted in suitable buildings around the site. Last year a pair of Barn Owls nested successfully on site and the new nest boxes, if they are used by the owls, will help to protect the nest and young chicks from predators. Barn Owls are listed on the Bird Watch Ireland website as 'Red Conservation Status' as they are unfortunately in decline in Ireland and parts of Europe. By providing these nest boxes it is hoped to encourage more Barn Owls to the site over the next few years.



**WE NEED
YOUR HELP**

An Irish Cement team will be taking part in the 2022 Regeneron Great Limerick Run. In the past we have raised much needed funds for St Gabriels and Pieta.

Who should we support this year? Please suggest a local charity that you feel would benefit by sending an email with their details to info@irishcement.ie Subject Line 2022 Great Limerick Run. Thanks.





BIODIVERSITY IN LIMERICK

BIODIVERSITY HIGHLIGHTS

Flocks of winter visitors have arrived on site:

- Whooper Swans on Irish Cement farmland
- Redwing and Fieldfare in the fields
- Large flocks of ducks on the lakes

Birds of Prey seen during the winter:

- Peregrine, Kestrel, Barn Owl and Buzzard

2 visiting Glossy Ibis seen feeding in grassland

WINTER BIRD SURVEYS



Throughout the winter months routine winter bird surveys are being completed which count both the resident birds as well as the many migrant visitors that spend the winter months around the factory. One of the highlights recently was the arrival of a pair of Glossy Ibis, (pictured above). These birds have probably arrived here from the Mediterranean although the species is also found in Africa, Asia, Australia and the Caribbean. Sightings of the birds in Northern and Western Europe are becoming more common and may be linked to changing climatic conditions.

The other highlights are the flocks of Whooper Swans that have arrived back here from Iceland to over-winter. The flock includes two swans that have been ringed with colour-coded leg bands that allow the birds to be identified from a distance. Both were ringed in Scotland, one in 2015 and the other in 2017. Both swans were observed last winter in Mungret. This winter's observations of these two swans will be sent back to the central database to allow ornithologists to better understand the migration patterns of these majestic birds.



MATHS WEEK 2021 – WOMEN IN SCIENCE AND ENGINEERING



As part of Maths week 2021, aimed at encouraging girls and women to take up careers in science and engineering, Eve and Doireann from our Limerick cement factory visited Ard Scoil Mhuire in Limerick to talk to the pupils in 5th and 6th year about working in a 'high-tech' manufacturing industry.