

## Information note regarding Irish Cement Ltd. P0029-03

### Update 26/06/17

This information note is issued as a follow up to the information note issued on the 30/06/17.

#### **Activities at Irish Cement:**

As part of Compliance Investigation CI001466 into dust emissions from Irish Cement, the EPA required a detailed report on the “root and branch” analysis of activities onsite. This report was submitted to the EPA on the 06/06/17. Irish Cement has carried out numerous mitigation measures to address fugitive dust emissions. Additional mitigation measures are planned with associated timeframes. These planned mitigation measures will be tracked via the Compliance Investigation.

#### **Ambient Air Quality Monitoring:**

The EPA set up an Osiris ambient dust monitor in the Sli Na Manach housing estate on the 26/04/17. The monitor provides results for the following particulate fractions:

- Total suspended particulates (TSP);
- PM10 (particles with a diameter of 10 microns or less);
- PM2.5 (particles with a diameter of 2.5 microns or less);
- PM1 (particles with a diameter of 1 micron or less).

Statutory air quality limits are specified for both PM<sub>10</sub> and PM<sub>2.5</sub>, for the purposes of the protection of human health, as follows:

- PM<sub>10</sub> – 24 hour average limit of 50 µg/m<sup>3</sup>;
- PM<sub>10</sub> – annual average limit of 40 µg/m<sup>3</sup>;
- PM<sub>2.5</sub> – 24 hour average limit of 25 µg/m<sup>3</sup>.

The Osiris analyser is set up to take a reading every fifteen minutes and the EPA endeavours to download the data weekly where feasible. Analysis of this data to June 19<sup>th</sup> 2017 indicates that the measured PM<sub>10</sub> and PM<sub>2.5</sub> results are within the statutory limit values. This monitor was removed from the Sli Na Manach housing estate on the 16/06/17 as the Limerick City and County Council’s ambient monitor, located in Mungret, is showing comparable results with the EPA monitor.

#### **EPA compliance air monitoring at Irish Cement:**

The EPA carried out air monitoring at four main emission points A2-01 kiln 6, A2-04 cement mill 6, A2-06 cement mill 7 and A2-07 cement mill 7 separator, on the 17th and 18th May 2017. The results are compliant with the emission limit values specified in the licence for all emission points sampled.

#### **Inter-Agency meeting:**

A second Inter-Agency meeting was held between the EPA, HSE and LCCC on the 22/05/17. An updated Joint Statement was issued on the 30/05/17 and is provided on the Irish Cement Limited P0029-03 webpage at epa.ie.