

EPA Update on Odour in the Carrigtwohill Area relating to Merck Millipore P0571-04

Update 15/04/20

As part of the EPA's Compliance Investigation CI001845 into odour nuisance relating to Merck Millipore, Merck Millipore has carried out the following measures since the EPA's last webpage update dated 09/04/20:

- Merck Millipore provided daily updates to the EPA over the Easter Bank Holiday weekend on the corrective actions being implemented. A compliance meeting between Merck Millipore and the EPA was held 15/4/20 to discuss the actions planned for the coming weeks in more detail.
- The following short-term actions were carried out over the Easter Bank Holiday weekend to reduce the potential for fugitive odour emissions:
 - New covers were installed at the Dissolved Air Flotation System (DAF) Outlets, Aeration Tanks 1 and 2 hatches and the Moving Bed Biofilm Reactor (MBBR) Tanks 1 and 2 openings.
 - Improved seals were installed on tank openings.
 - An airstream ducting regulator to the odour control unit was replaced to boost system efficiency.
- The licensee has plans in train to install a carbon filter unit, which will provide further treatment for the odours generated during site operations. This unit is currently being manufactured off site. Initial civil and design works for the installation of the filter were completed over the weekend to ensure the carbon unit is installed as quickly as possible after the unit is delivered. It is anticipated that the carbon filter will be installed the week of the 20/4/20.
- Following an initial site visit on the 07/04/20, an Odour Specialist took odour samples from around the waste water treatment plant (WWTP) on the 14/04/20. The results from this sampling exercise will help to:
 - identify each odour source within the WWTP;
 - characterise the odour;
 - identify ways in which the generation of odour can be reduced;
 - identify ways in which the odour can be better collected and treated.
- Merck Millipore confirmed to the EPA that a Company Statement on odour and the associated mitigation plan has been communicated to the Chairperson of Carrigtwohill Community Council. In addition, the licensee advised that they are also undertaking direct communications with local councillors, local TDs and local authorities, to address the odour situation and share details of the action plan.

The EPA will continue to closely monitor the operation of the Merck Millipore site to ensure that it operates in full compliance with its licence within the shortest timeframe possible.

Making Environmental Complaints

Environmental complaints can be made **directly to the Merck Millipore Limited site on 021 4883666**.

Alternatively, the Environmental Complaints section of the EPA website can be used to make complaints of an environmental nature using this Form:

[Online Complaint Form](#)

All complaints reported this way are captured by our internal enforcement system and are immediately viewable by enforcement inspectors. By using this method, you are guaranteed that your complaint will be received and acted upon quickly by the relevant enforcement team.