Joint Event incorporating the Agriculture and Food Engineering division, Water and Environmental Engineering society, Energy-Environment division, Cork region and the Society of Dairy Technology (SDT)

SYMPOSIUM

Impact of expansion in the Dairy Sector on water demand and wastewater treatment

Teagasc Food Research Centre, Moorepark, Fermoy, Co. Cork

Thursday 30th April, 2015 at 08.30am.

After lifting of the Milk Quotas, the Irish dairy industry is destined to grow by 20% by the end of 2017 and by up to 50% by the early 2020’s. The corresponding global demand for milk-related products is forecast to increase by at least 2.4% per annum. The above trends are indicators of a requirement for intensification of activities both at milk production and milk processing stages of the dairy supply chain.

Intensification, as always, demands close consideration of consequent fundamentals so that the policy may be implemented. Areas of primary concern are the availability of adequate water supply and wastewater treatment / disposal facilities to accommodate the growing intensification demands and the objectives of energy conservation & carbon footprint reduction which are now central to the planning of all new or extended developments.

On April 30th 2015 Engineers Ireland’s in partnership with the Society of Dairy Technology are holding a morning symposium on water demand and wastewater treatment in the context of expansion in the Dairy Sector, at the Teagasc Food Research Centre, Moorepark and an afternoon site lecture and visit to Dairygold’s state of the art Anaerobic Digester and Wastewater Treatment Works at Castlefarm, Mitchelstown.

Registration for the Workshop is confined to the Membership of Engineers Ireland and SDT and is free of charge thanks to the generous support of Teagasc and Dairygold. However, advance registration is obligatory as, for H&S/ logistical reasons; there is a limitation on the number of attendees than can be accepted.
WATER DEMAND and WASTE TREATMENT SYMPOSIUM
April 30, 2015

PROGRAMME

08:30 ARRIVAL and REGISTRATION

09:00 Introduction:
Mr Will Curran, Chairman Agriculture and Food Engineering division, Engineers Ireland

CHAIR: Dr Phil Kelly, Food Chem. & Technology Dept, Teagasc FRC - Moorepark

09:15 Water usage and Wastewater treatment on intensive Dairy Farms
Ms Eleanor Murphy & Mr Tom Ryan, Teagasc

10:00 Break for Refreshments

10:15 Water demands & characteristic of Wastewater from an expanding Irish Dairy industry
Dr Sean Tuohy, 2e Technical Development Ltd.

11:00 Sustainable Dairy Wastewater Treatment solutions
Mr Seamus Crickley, Director, WEW Engineering

12:00 Open Forum Discussion

12:30 Lunch

14:00 Site Visit: Anaerobic Digestor and wastewater treatment
Castlefarm site, Dairygold Food Ingredients, Mitchelstown

Overview by Mr John F O’Mahony, Engineering Manager, Dairygold

15:00 Closing Remarks
Mr Patrick O’Connell
Chairman, Southern Ireland Section, Society of Dairy Technology
REGISTRATION FORM

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The completed Registration form should be sent to:

Will Curran
Agriculture and Food Engineering division, Engineers Ireland
e-mail: will.d.curran@diageo.com

CLOSING DATE FOR REGISTRATION: TUESDAY 28th April.
Please note that places for this event are limited.