

Eve O'Sullivan

Subject: FW: FAO: Eva O' Sullivan re Portlaw Historic Landfill
Attachments: Portlaw Borewell Levels 2nd October, 2019.xlsx; Portlaw Coolfin landfill results Oct 2019.xlsx

From: David Regan <dregan@waterfordcouncil.ie>
Sent: 28 January 2020 16:35
To: Licensing Staff <licensing@epa.ie>
Cc: Niall Kane <nkane@waterfordcouncil.ie>
Subject: FAO: Eva O' Sullivan re Portlaw Historic Landfill

Eva,

Please find latest series of results from the above site attached. I'm hoping to get a set from our historic site in Lismore to you shortly. We need to drill new wells here as the previous ones have been damaged.

Regards,

David Regan,
Executive Technician,
Environment Section,
Waterford City and County Council

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Comhairle Cathrach & Contae Phort Láirge
Waterford City & County Council

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Former Landfill Site, Portlaw - Borewell Levels - 3/10/2019

Borehole No.	Depth to Liquid	CH4 Level	CO2 Level	O2 Level	Barometric Pressure
BH1 (Front)	3.1m	12.30	3.00	14.80	1023
BH2 (Centre)	3.6m	0.40	3.20	19.80	1023
BH3 (Rear)	3.1m	33.90	7.80	12.00	1023

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Category	Entity	Station	Laboratory	River Basin District	Sample Template	Sample Reference	Sample Date	Sample Time	Sample Method	Sampled By	Reason	Ammonia N mg/l	Chloride mg/l	COD Chemical Oxygen Demand mg/l	Iron µg/l	Conductivity @ 20°C µS/cm	pH pH units	Nitrate NO3 mg/l	Nitrite N mg/l	Ortho- Phosphate P mg/l	Manganese µg/l	Suspended Solids mg/l	Total Phosphate mg/l
Landfill Moni	Portlaw Coolfin	Bh1	Waterford City And Co Co	South Eastern	Leachates Landfill Monitoring -	20191607	2-Oct-2019	16:00	Grab	David Regan	Compliance	7.3	17.8	34	59000	964	6.75	< 0.4	< 0.01	< 0.01	2540	118.4	0.821
Landfill Moni	Portlaw Coolfin	Bh2	Waterford City And Co Co	South Eastern	Leachates Landfill Monitoring -	20191608	2-Oct-2019	16:10	Grab	David Regan	Compliance	0.95	17.5	18	3440	803	6.84	6.8	0.03	< 0.01	559	195.7	0.255
Landfill Moni	Portlaw Coolfin	Bh3	Waterford City And Co Co	South Eastern	Leachates Landfill Monitoring -	20191609	2-Oct-2019	16:20	Grab	David Regan	Compliance	7.32	16.9	44	35000	1681	6.76	< 0.4	< 0.01	0.01	2200	215.6	2.112
Landfill Moni	Portlaw Coolfin	Clodiagh	Waterford City And Co Co	South Eastern	Surface Water Landfill Monitoring -	20191719	23-Oct-2019	12:30	Grab	Paul Carroll	Compliance	0.01			170		7.43						
Landfill Moni	Portlaw Coolfin	Clodiagh	Waterford City And Co Co	South Eastern	Surface Water Landfill Monitoring -	20191720	23-Oct-2019	12:50	Grab	Paul Carroll	Compliance	< 0.01			160		7.43						
Landfill Moni	Portlaw Coolfin	Duggan	Waterford City And Co Co	South Eastern	landfill GW	20191721	23-Oct-2019	13:00	Grab	Paul Carroll	Compliance	< 0.01			30		7.34						

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