

Discharge Point

Cork County Council > Knockraha > GW-1

Discharge Point Details Emissions to surface/ground waters Dangerous Substance Emissions Monitoring Points
Emissions to surface/ground waters

Substance	Unit of Measure	Sampling Method	As discharged Max daily average	kg/Day
pH	pH		=	
Temperature	°C		=	7.1
Electrical Conductivity (@ 25 °C)	µS/cm		=	
Suspended Solids	mg/l		=	513
Ammonia (as N)	mg/l		=	16
Biochemical Oxygen Demand	mg/l		<	0.1
Chemical Oxygen Demand	mg/l		=	7
Total Nitrogen (as N)	mg/l		<	21
Nitrite (as N)	mg/l		=	21.33
Nitrate (as N)	mg/l		=	0.982
Total Phosphorous (as P)	mg/l		=	16.718
Orthophosphate (as P)	mg/l		=	2.21
Sulphate (SO ₄)	mg/l		=	2.14
Phenols (Sum)	µg/l		=	51
				0.1

For Orthophosphate: this monitoring should be undertaken on a sample filtered on 0.45µm filter paper.
 For Phenols: USEPA Method 604, AWWA Standard Method 6240, or equivalent.

http://178.137.160.73/epa_wwd_licensing/DP_Details.aspx?action=EDIT&id=2565

Discharge Point

Cork County Council > Knockraha > GW-2

Discharge Point Details Emissions to surface/ground waters Dangerous Substance Emissions Monitoring Points

Dangerous Substance Emissions

Substance	Unit of Measure	Sampling Method	As discharged Max daily average	kg/Day
Atrazine	µg/l		0.01	
Dichloromethane	µg/l		1	
Simazine	µg/l		0.01	
Toluene	µg/l		0.28	
Tributyltin	µg/l		0.73	
Xylenes	µg/l		0.6	
Arsenic	µg/l		20	
Chromium	µg/l		20	
Copper	µg/l		5	
Cyanide	µg/l		62	
Flouride	µg/l		20	
Lead	µg/l		20	
Nickel	µg/l		20	
Zinc	µg/l		20	
Boron	µg/l		20	
Cadmium	µg/l			

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Discharge Point

Cork County Council > Knockraha > GW-2

Discharge Point Details Emissions to surface/ground waters Dangerous Substance Emissions Monitoring Points
Emissions to surface/ground waters

Substance	Unit of Measure	Sampling Method	As discharged Max daily average	kg/Day
pH	pH		6.7	
Temperature	°C			
Electrical Conductivity (@ 25 °C)	µS/cm			
Suspended Solids	mg/l		387	
Ammonia (as N)	mg/l		9	
Biochemical Oxygen Demand	mg/l		0.1	
Chemical Oxygen Demand	mg/l		5	
Total Nitrogen (as N)	mg/l		21	
Nitrite (as N)	mg/l		15.83	
Nitrate (as N)	mg/l		8.068	
Total Phosphorous (as P)	mg/l		0.342	
Orthophosphate (as P)	mg/l		0.0559	
Sulphate (SO ₄)	mg/l		0.55	
Phenols (Sum)	µg/l		40.6	
			0.1	

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Discharge Point

Cork County Council > Knockraha > GW-2

Discharge Point Details Emissions to surface/ground waters Dangerous Substance Emissions Monitoring Points

Dangerous Substance Emissions

Substance	Unit of Measure	Sampling Method	As discharged	Max daily average	kg/Day
Atrazine	µg/l		<	0.01	
Dichloromethane	µg/l		<	1	
Simazine	µg/l		<	0.01	
Toluene	µg/l		<	0.28	
Tributyltin	µg/l		=		
Xylenes	µg/l		<	0.73	
Arsenic	µg/l		=	0.6	
Chromium	µg/l		<	20	
Copper	µg/l		<	20	
Cyanide	µg/l		<	5	
Flouride	µg/l		=	62	
Lead	µg/l		<	20	
Nickel	µg/l		<	20	
Zinc	µg/l		<	20	
Boron	µg/l		<	20	
Cadmium	µg/l				

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17/12/2009

