PT_CD	PT_TYPE	LA_NAME	RWB_TYPE
W1BELG	PRIMARY	Cork County Council	RIVER
W2BELG	SECONDARY 1	Cork County Council Cork County Council Cork County Council	RIVER
SW3BELG	SECONDARY 2	Cork County Council	DIVED
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RWB_NAME	DESIGNATION	EASTING	NORTHING
BELGOOLY	NONE	166337	
BELGOOLY	NONE	166655	
BELCOOLY	NONE	100055	53013
BELGOOLY	NONE	166616	53840
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Asw01d	Down stream		166227
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Agglomeration details

Leading Local Authority	Cork County Council		
Co-Applicants			
Agglomeration	Belgooly		
Population Equivalent	1000		
Level of Treatment	secondary treatment		
Treatment plant address	BELGOOLY VILLAGE ,NEAR KINSALE,COUNTY CORK		
Grid Ref (12 digits, 6E, 6N)	166328 / 053736 (Verifed using GPS)		
EPA Reference No:			

Contact details

Contact Name:	Helena O'Riordan	
Contact Address:	Water Services Section Cork County Council Southern Division Carrigrohane Road Cork	
Contact Number:	021-4276891 35 and 0	
Contact Fax:	021-4276321	
Contact Email:	helena.o'rordan@corkcoco.ie	

helena.o.k

Table D.1(i)(a): EMISSIONS TO SURFACE/GROUND WATERS (Primary Discharge Point)

Discharge Point Code: SW-1

Local Authority Ref No:	SW1BELG		
Source of Emission:	primary plant		
Location:	BELGOOLY		
Grid Ref (12 digits, 6E, 6N)	166337 / 053719 (Verifed using GPS)		
Name of Receiving waters:	Oysterhaven		
Water Body:	Ground Water Body		
River Basin District	South Western RBD		
Designation of Receiving Waters:	NONE		
Flow Rate in Receiving Waters:	0 m³.sec-1 Dry Weather Flow		
	0.08 m³.sec-1 95% Weather Flow		
Additional Comments (e.g. commentary on zero flow or other information deemed of value)	NO DWF TRANSITIONAL AREA Note discharge is 60 metres from start of transitional tidal area		

Emission Details:

			X **		
(i) Volume emitted			other		
Normal/day	112.5 m ³	Maximum/dayouth and	180 m³		
Maximum rate/hour	7.5 m³	Period of emission (avg)	60 min/hr	24 hr/day	365 day/yr
Dry Weather Flow	0.0021 m ³ /sec	action net			
	Catises	For its direction of the constitution of the c			

WWD Licence Application - Belgooly - Page: 2

Table D.1(i)(b): EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Primary Discharge Point)

Discharge Point Code: SW-1

Substance	As discharged			
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day
рН	рН	Grab	= 7	
Temperature	°C	Grab	= 25	
Electrical Conductivity (@ 25°C)	μS/cm	Grab	= 1000	
Suspended Solids	mg/l	Grab	= 35	6.3
Ammonia (as N)	mg/l	Grab	= 30	5.4
Biochemical Oxygen Demand	mg/l	Grab	= 25	4.5
Chemical Oxygen Demand	mg/l	Grab	= 125	22.5
Total Nitrogen (as N)	mg/l	Grab	= 40	7.2
Nitrite (as N)	mg/l	Grab	= 0.4	0.072
Nitrate (as N)	mg/l	Grab	= 20	3.6
Total Phosphorous (as P)	mg/l	Grab	= 2	0.36
OrthoPhosphate (as P)	mg/l	Grab	= 1	0.18
Sulphate (SO ₄)	mg/l	Grab	= 300	54
Phenols (Sum)	μg/l	Grab	= 2.92	0.000526

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. on the control of the contr

Table D.1(i)(c): DANGEROUS SUBSTANCE EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Primary Discharge Point)

Discharge Point Code: SW-1

Substance		As discharged			
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day	
Atrazine	μg/l	Grab	< 0.05	0.0000033	
Dichloromethane	μg/l	Grab	< 5	0.00033	
Simazine	μg/l	Grab	< 0.05	0.0000033	
Toluene	μg/l	Grab	< 0.5	0.000033	
Tributyltin	μg/l	Grab	< 0.02	0.00000132	
Xylenes	μg/l	Grab	< 1	0.000066	
Arsenic	μg/l	Grab	= 1.1	0.0000726	
Chromium	μg/l	Grab	= 2.5	0.000165	
Copper	μg/l	Grab	= 8	0.000528	
Cyanide	μg/l	Grab	< 25	0.00165	
Flouride	μg/l	Grab	< 100	0.0066	
Lead	μg/l	Grab	= 0.6	0.0000396	
Nickel	μg/l	Grab	= 10.6	0.000699	
Zinc	μg/l	Grab	= 28.3	0.00186	
Boron	μg/l	Grab	€ 200	0.0132	
Cadmium	μg/l	Grab 💉	< 0.1	0.0000066	
Mercury	μg/l	Grab 1. 30th	= 1	0.000066	
Selenium	μg/l	Grab Grab Grab Grab Grab Grab Grab Grab	= 0.8	0.00000528	
Barium	μg/l	Grab 2	= 4	0.000264	

Table D.1(ii)(a): EMISSIONS TO SURFACE/GROUND WATERS (Secondary Discharge Point)

Discharge Point Code: SW-2

Local Authority Ref No:	SW3BELG		
Source of Emission:	SECONDARY		
Location:	BELGOOLY		
Grid Ref (12 digits, 6E, 6N)	166616 / 053840 (Verifed using GPS)		
Name of Receiving waters:	OYSTER HAVEN		
Water Body:	Transitional Body		
River Basin District	South Western RBD		
Designation of Receiving Waters:	NONE		
Flow Rate in Receiving Waters:	0 m³.sec-1 Dry Weather Flow		
	0.08 m³.sec-1 95% Weather Flow		
Additional Comments (e.g. commentary on zero flow or other information deemed of value)	NO DWF TRANSITIONAL AREA Note discharge is 60 metres from start of transitional tidal area note =not analysed for dangerous substances		

Emission Details:

(i) Volume emitted			other		
Normal/day	3.375 m ³	Maximum/dayouth of the	10.125 m ³		
Maximum rate/hour	0.422 m ³	Period of emission (avg)	60 min/hr	24 hr/day	365 day/yr
Dry Weather Flow	4E-05 m³/sec	action let			
	Collecti	For its dit o			

WWD Licence Application - Belgooly - Page: 5

Table D.1(ii)(b): EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Secondary Discharge Point)

Discharge Point Code: SW-2

Substance		,	As discharged	
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day
pH	pН	Grab	= 7	
Temperature	°C	Grab	= 25	
Electrical Conductivity (@ 25°C)	μS/cm	Grab	= 1000	
Suspended Solids	mg/l	Grab	= 350	3.54
Ammonia (as N)	mg/l	Grab	= 46	0.465
Biochemical Oxygen Demand	mg/l	Grab	= 300	3.04
Chemical Oxygen Demand	mg/l	Grab	= 800	0.1
Total Nitrogen (as N)	mg/l	Grab	= 85	0.86
Nitrite (as N)	mg/l	Grab	= 0.6	0.006
Nitrate (as N)	mg/l	Grab	= 7.5	0.076
Total Phosphorous (as P)	mg/l	Grab	= 12	0.1215
OrthoPhosphate (as P)	mg/l	Grab	= 7.35	0.0744
Sulphate (SO ₄)	mg/l	Grab	= 76	0.77
Phenols (Sum)	μg/l	Grab	< 0.1	0.00000103

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. on the control of the contr

Table D.1(ii)(c): DANGEROUS SUBSTANCE EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Secondary Discharge Point)

Discharge Point Code: SW-2

Substance		As discharged					
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day			
Atrazine	μg/l	Grab	< 0	0			
Dichloromethane	μg/l	Grab	< 0	0			
Simazine	μg/l	Grab	< 0	0			
Toluene	μg/l	Grab	< 0	0			
Tributyltin	μg/l	Grab	= 0	0			
Xylenes	μg/l	Grab	< 0	0			
Arsenic	μg/l	Grab	< 0	0			
Chromium	μg/l	Grab	< 0	0			
Copper	μg/l	Grab	< 0	0			
Cyanide	μg/l	Grab	< 0	0			
Flouride	μg/l	Grab	= 0	0			
Lead	μg/l	Grab	< 0	0			
Nickel	μg/l	Grab	< 0	0			
Zinc	μg/l	Grab	< 0	0			
Boron	μg/l	Grab	, ≅ 0	0			
Cadmium	μg/l	Grab 💉	< 0	0			
Mercury	μg/l	Grab	< 0	0			
Selenium	μg/l	Grab or all	= 0	0			
Barium	μg/l	Grab Grab Grab Grab Grab Grab Grab Grab	< 0	0			

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 are quivalent.

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Table D.1(ii)(a): EMISSIONS TO SURFACE/GROUND WATERS (Secondary Discharge Point)

Discharge Point Code: SW-3

Local Authority Ref No:	SW02BELG	
Source of Emission:	secondary -package plant	
Location:	Belgooly	
Grid Ref (12 digits, 6E, 6N)	166655 / 053615 (Verifed using GPS)	
Name of Receiving waters:	Oysterhaven	
Water Body:	River Water Body	
River Basin District	South Western RBD	
Designation of Receiving Waters:	none	
Flow Rate in Receiving Waters:	0 m³.sec⁻¹ Dry Weather Flow	
	0.08 m³.sec-1 95% Weather Flow	
Additional Comments (e.g. commentary on zero flow or other information deemed of value)	NO DWF TRANSITIONAL AREA Note discharge is 60 metres from start of transitional tidal area	

Emission Details:

(i) Volume emitted			other		
Normal/day	60 m ³	Maximum/dayon of all all all all all all all all all al	88 m³		
Maximum rate/hour	3.7 m ³	Period of emission (avg)	60 min/hr	24 hr/day	365 day/yr
Dry Weather Flow	0.000694 m³/sec	section let			
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WWD Licence Application - Belgooly - Page: 8

Table D.1(ii)(b): EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Secondary Discharge Point)

Discharge Point Code: SW-3

Substance		As discharged				
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day		
pH	pН	Grab	= 7.5			
Temperature	°C	Grab	= 25			
Electrical Conductivity (@ 25°C)	μS/cm	Grab	= 1000			
Suspended Solids	mg/l	Grab	= 120	10.56		
Ammonia (as N)	mg/l	Grab	= 23	2.024		
Biochemical Oxygen Demand	mg/l	Grab	= 100	8.8		
Chemical Oxygen Demand	mg/l	Grab	= 350	30.8		
Total Nitrogen (as N)	mg/l	Grab	= 45	3.96		
Nitrite (as N)	mg/l	Grab	= 0.5	0.044		
Nitrate (as N)	mg/l	Grab	= 21	1.848		
Total Phosphorous (as P)	mg/l	Grab	= 10	0.88		
OrthoPhosphate (as P)	mg/l	Grab	= 8	0.704		
Sulphate (SO ₄)	mg/l	Grab	= 300	26.4		
Phenols (Sum)	μg/l	Grab	< 0.01	0.0000088		

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. on the control of the contr

Table D.1(ii)(c): DANGEROUS SUBSTANCE EMISSIONS TO SURFACE/GROUND WATERS - Characteristics of The Emission (Secondary Discharge Point)

Discharge Point Code: SW-3

Substance			As discharged	
	Unit of Measurement	Sampling Method	Max Daily Avg.	kg/day
Atrazine	μg/l	Grab	< 0.01	
Dichloromethane	μg/l	Grab	< 1	
Simazine	μg/l	Grab	< 0.01	
Toluene	μg/l	Grab	< 0.28	
Tributyltin	μg/l	Grab	= 0	0
Xylenes	μg/l	Grab	< 0.73	
Arsenic	μg/l	Grab	< 0.18	
Chromium	μg/l	Grab	< 20	
Copper	μg/l	Grab	< 20	
Cyanide	μg/l	Grab	= 5	
Flouride	μg/l	Grab	= 94	
Lead	μg/l	Grab	< 20	
Nickel	μg/l	Grab	< 20	
Zinc	μg/l	Grab	< 20	
Boron	μg/l	Grab	€ 54.6	
Cadmium	μg/l	Grab	< 20	
Mercury	μg/l	Grab 4. 301	< 0.03	
Selenium	μg/l	Grab Grab Grab Grab Grab Grab Grab Grab	= 3	
Barium	μg/l	Grab 2	< 20	

For Orthophosphate: this monitoring should be undertaken on a sample threed on 0.45µm filter paper For Phenols: USEPA Method 604, AWWA Standard Method 6248, or equivalent.

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TABLE E.1(i): WASTE WATER FREQUENCY AND QUANTITY OF DISCHARGE – Primary and Secondary Discharge Points

Identification Code for Discharge point	Frequency of discharge (days/annum)	Quantity of Waste Water Discharged (m³/annum)
SW-2	365	1231.875
SW-1	365	41062.5
SW-3	365	21900



TABLE E.1(ii): WASTE WATER FREQUENCY AND QUANTITY OF DISCHARGE – Storm Water Overflows

Identification Code for Discharge point	Frequency of discharge (days/annum)		Complies with Definition of Storm Water Overflow
Politic	(dayorannann)	Disonargea (in /annani)	Trator Otornon



TABLE F.1(i)(a): SURFACE/GROUND WATER MONITORING

Primary Discharge Point

Discharge Point Code:	SW-1
MONITORING POINT CODE:	aSW-1d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter		Resul	ts (mg/l)		Sampling method	Limit of Quantitation	Analysis method / technique
	03/11/09	17/05/11	17/06/11	01/01/12			
рН	= 7.7		= 8.1		Grab	2	Electrochemic al
Temperature					Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 362		= 27000		Grab	0.5	Electrochemic al
Suspended Solids	= 129	= 46			Grab	0.5	Gravimetric
Ammonia (as N)	< 0.1		= 0.6		Grab	0.02	Colorimetric
Biochemical Oxygen Demand	< 1		= 3.3		Grab	0.06	Electrochemic al
Chemical Oxygen Demand			< 21	. 1150.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen					Grab	0.2	ISE
Hardness (as CaCO₃)				±0.4	Grab	1	Titrimetric
Total Nitrogen (as N)	= 6.92		= 1.62	o for hall be	Grab	0.5	Digestion & Colorimetric
Nitrite (as N)	< 0.1		= 0.02 1170 111		Grab	0.1	Colorimetric
Nitrate (as N)	= 5.33		= 1.32		Grab	0.5	Colorimetric
Total Phosphorous (as P)	< 0.05	·	₹6.06 ¹¹		Grab	0.2	Digestion & Colorimetric
OrthoPhosphate (as P)	< 0.05	Fot	♦ 0.05		Grab	0.02	Colorimetric
Sulphate (SO ₄)	< 30	(00)	3,		Grab	30	Turbidimetric
Phenols (Sum)	< 0.1	entor	< 0.5		Grab	0.1	GC-MS2

Additional Comments:	TBT testing not required.saline interference as sampled in tidal area .area of discharge 60metres from tidal
	area,default of 01/01/12 and 0 where no results avaialable. Note saline interferences in some tests

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Parameter		Results (mg/l)	Sampling method	Limit of Quantitation	Analysis method / technique
	17/05/12				
рН			Grab	2	Electrochemic al
Temperature	= 12.1		Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 11160		Grab	0.5	Electrochemic al
Suspended Solids			Grab	0.5	Gravimetric
Ammonia (as N)	= 0.018		Grab	0.02	Colorimetric
Biochemical Oxygen Demand	= 2		Grab	0.06	Electrochemic al
Chemical Oxygen Demand			Grab	8	Digestion & Colorimetric
Dissolved Oxygen	= 10.23		Grab	0.2	ISE
Hardness (as CaCO₃)			Grab	1	Titrimetric
Total Nitrogen (as N)	= 5.47		Grab	0.5	Digestion & Colorimetric
Nitrite (as N)	= 0.018		Grab	0.1	Colorimetric
Nitrate (as N)	= 5.38		Grab	0.5	Colorimetric
Total Phosphorous (as P)			Grab	0.2	Digestion & Colorimetric
OrthoPhosphate (as P)	= 0.017		Grab	0.02	Colorimetric
Sulphate (SO ₄)			Grab	30	Turbidimetric
Phenols (Sum)			Grab	0.1	GC-MS2

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 of the control of the contro

Additional Comments: TBT testing not required.saline interference as sampled in tidal area .area of discharg area,default of 01/01/12 and 0 where no results available. Note saline interferences in the saline interferences in t	
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TABLE F.1(i)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Primary Discharge Point

Discharge Point Code:	SW-1
MONITORING POINT CODE:	aSW-1d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter		Re	sults (µg/l)	Sampling method	Limit of Quantitation	Analysis method / technique	
	01/01/09	03/11/09	17/06/11				
Atrazine		< 0.01	< 0.01		Grab	0.96	HPLC
Dichloromethane		< 1	= 0.05		Grab	1	GC-MS1
Simazine		< 0.01	< 0.01		Grab	0.01	HPLC
Toluene		< 0.28	< 0.5		Grab	0.02	GC-MS1
Tributyltin			< 0.02		Grab	0.02	GC-MS1
Xylenes		< 0.73	< 1		Grab	1	GC-MS1
Arsenic	< 0.18		= 3.1		Grab	0.96	ICP-MS
Chromium		< 1	= 19.3		Grab	20	ICP-OES
Copper		< 1	< 3		Grab	20	ICP-OES
Cyanide	< 5		< 5	toe.	Grab	5	Colorimetric
Flouride		= 73	< 100	ner	Grab	100	ISE
Lead		< 1	= 0.8	1. 4 Ole	Grab	20	ICP-OES
Nickel		< 2	= 3.9	My att.	Grab	20	ICP-OES
Zinc		< 18.5	= 8.6	9	Grab	20	ICP-OES
Boron		< 54.5	= 1700 life with		Grab	20	ICP-OES
Cadmium		< 1	< 0.80 25 700		Grab	20	ICP-OES
Mercury	< 0.03		< 5 < 100 = 0.8 = 3.9 = 8.6 = 1700 ut tuit < 0.41 = 0.02 ut tuit < 0.42 ut tuit < 0.43 ut tuit < 0.43 ut tuit < 0.44 ut tuit < 0.45 ut tuit <		Grab	0.2	ICP-MS
Selenium	= 3		, 'Y = 7.1		Grab	0.74	ICP-MS
Barium		= 16.4	= 6.9		Grab	20	ICP-OES

Additional Comments:	TBT value is 0.02ug/l as Sn
	default of 01/01/12 and 0 where no results area avaialable.TBT testing not required.saline interference as sampled in
	tidal area .area of discharge 60metres from tidal area, Note saline interferences in some tests

TABLE F.1(i)(a): SURFACE/GROUND WATER MONITORING

Primary Discharge Point

Discharge Point Code:	SW-1
MONITORING POINT CODE:	aSW-1u
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter		Result	s (mg/l)	Sampling method	Limit of Quantitation	Analysis method / technique	
	17/06/11	17/05/12					
рН	= 7.7				Grab	2	Electrochemic al
Temperature		= 10.7			Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 194	= 210			Grab	0.5	electrochemica I
Suspended Solids	= 66				Grab	0.5	Gravimetric
Ammonia (as N)	= 0.605	= 0.048			Grab	0.02	Colorimetric
Biochemical Oxygen Demand	= 7.1	< 1			Grab	0.06	elelectrochemi cal
Chemical Oxygen Demand	< 21			, USE.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen		= 11.48		their	Grab	0	ISE
Hardness (as CaCO₃)		= 0		1. 4	Grab		Titrimetric
Total Nitrogen (as N)	= 4.84	= 4.12	Special Bull of the control of the c	fot say	Grab	0.5	digestion+color imetric
Nitrite (as N)		= 0.017	alifediji		Grab	0.013	Colorimetric
Nitrate (as N)	= 0.05	= 8.275	ion of rech		Grab	0.04	Colorimetric
Total Phosphorous (as P)	= 0.11	·×	Section buffortie		Grab	0.05	digestion+color imetric
OrthoPhosphate (as P)	= 0.0975	= 0.02	110		Grab	0.006	Colorimetric
Sulphate (SO ₄)	< 30	, 00	,		Grab	30	Turbidimetric
Phenols (Sum)	= 1.12	entor			Grab	1	GC-MS2

Additional Comments:	

TABLE F.1(i)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Primary Discharge Point

Discharge Point Code:	SW-1
MONITORING POINT CODE:	aSW-1u
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter		Results (µg/l)					Analysis method / technique
	17/06/11						
Atrazine	< 0.01				Grab	0.96	HPLC
Dichloromethane	< 0.5				Grab	1	GC MS1
Simazine	< 0.01				Grab	0.01	HPLC
Toluene	< 0.5				Grab	0.02	GC MS1
Tributyltin	< 0.02				Grab	0.02	GC MS1
Xylenes	< 1				Grab	1	GC MS1
Arsenic	= 0.9				Grab	0.96	ICP-MS
Chromium	= 1.4				Grab	2	ICP-MS
Copper	= 9				Grab	2	ICP-MS
Cyanide	= 6.9			se.	Grab	5	Colorimetric
Flouride	< 100			ner	Grab	100	ISE
Lead	= 1.3			1. A Ott	Grab	2	ICP-MS
Nickel	= 4.4		ó	dy any other the	Grab	2	ICP-MS
Zinc	= 21.3		Geo. 3	10	Grab	2	ICP-MS
Boron	= 20		alifering		Grab	2	ICP-MS
Cadmium	= 0.1		Reid Hartetile		Grab	2	ICP-MS
Mercury	< 0.02		Dect Will		Grab	0.2	ICP-MS
Selenium	< 0.2	, AS	dit		Grab	0.74	ICP-MS
Barium	= 11.2	For	it is		Grab	2	ICP-MS

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Additional Comments:	\$ OF	SOL	
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TABLE F.1(ii)(a): SURFACE/GROUND WATER MONITORING

Secondary Discharge Point

Discharge Point Code:	SW-3
MONITORING POINT CODE:	aSW-3d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter	Results (mg/l)			Sampling method	Limit of Quantitation	Analysis method / technique	
	03/11/09	17/05/11	17/06/11	01/01/12			
рН	= 7.7		= 8.1		Grab	2	Electrochemic al
Temperature					Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 362		= 27000		Grab	0.5	Electrochemic al
Suspended Solids	= 129	= 46			Grab	0.5	Gravimetric
Ammonia (as N)	< 0.1		= 0.6		Grab	0.02	Colorimetric
Biochemical Oxygen Demand	< 1		= 3.3		Grab	0.06	Electrochemic al
Chemical Oxygen Demand			< 21	. 1150.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen				ather	Grab	0.2	ISE
Hardness (as CaCO₃)				± 0,05	Grab	1	Titrimetric
Total Nitrogen (as N)	= 6.92		= 1.62	of for any other	Grab	0.5	Digestion & Colorimetric
Nitrite (as N)	< 0.1		= 0.02 NITO NITO	7	Grab	0.1	Colorimetric
Nitrate (as N)	= 5.33		= 1.32		Grab	0.5	Colorimetric
Total Phosphorous (as P)	< 0.05	· ·	₹0.06 ^{n°}		Grab	0.2	Digestion & Colorimetric
OrthoPhosphate (as P)	< 0.05	roi ,	₹0.05		Grab	0.02	Colorimetric
Sulphate (SO ₄)	< 30	التي ۽			Grab	30	Turbidimetric
Phenols (Sum)	< 0.1	entor	< 0.5		Grab	0.1	GC-MS2

Additional Comments:	TBT testing not required.saline interference as sampled in tidal area .area of discharge 60metres from tidal
	area,default of 01/01/12 and 0 where no results avaialable. Note saline interferences in some tests

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Parameter		Results (mg/l)	Sampling Limit of Quantitation		Analysis method / technique	
	17/05/12					
рН			Grab	2	Electrochemic al	
Temperature	= 12.1		Grab	0.5	Electrochemic al	
Electrical Conductivity (@ 25°C)	= 11160		Grab	0.5	Electrochemic al	
Suspended Solids			Grab	0.5	Gravimetric	
Ammonia (as N)	= 0.018		Grab	0.02	Colorimetric	
Biochemical Oxygen Demand	= 2		Grab	0.06	Electrochemic al	
Chemical Oxygen Demand			Grab	8	Digestion & Colorimetric	
Dissolved Oxygen	= 10.23		Grab	0.2	ISE	
Hardness (as CaCO₃)			Grab	1	Titrimetric	
Total Nitrogen (as N)	= 5.47		Grab	0.5	Digestion & Colorimetric	
Nitrite (as N)	= 0.018		Grab	0.1	Colorimetric	
Nitrate (as N)	= 5.38		Grab	0.5	Colorimetric	
Total Phosphorous (as P)			Grab	0.2	Digestion & Colorimetric	
OrthoPhosphate (as P)	= 0.017		Grab	0.02	Colorimetric	
Sulphate (SO ₄)			Grab	30	Turbidimetric	
Phenols (Sum)			Grab	0.1	GC-MS2	

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 of the control of the contro

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Additional Community	TDT to also and approved a climate interferon application of the land of the l	
Additional Comments:	TBT testing not required saline interference as sampled in tidal area area of discharge 60metres from tidal	1
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	area default of 01/01/12 and 0 where poresylts available. Note saline interferences in some tests	ı

TABLE F.1(ii)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Secondary Discharge Point

Discharge Point Code:	SW-3
MONITORING POINT CODE:	aSW-3d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter		Results (μg/l)			Sampling method	Limit of Quantitation	Analysis method / technique
	01/01/09	03/11/09	17/06/11				
Atrazine		< 0.01	< 0.01		Grab	0.96	HPLC
Dichloromethane		< 1	= 0.05		Grab	1	GC-MS1
Simazine		< 0.01	< 0.01		Grab	0.01	HPLC
Toluene		< 0.28	< 0.5		Grab	0.02	GC-MS1
Tributyltin			< 0.02		Grab	0.02	GC-MS1
Xylenes		< 0.73	< 1		Grab	1	GC-MS1
Arsenic	< 0.18		= 3.1		Grab	0.96	ICP-MS
Chromium		< 1	= 19.3		Grab	20	ICP-OES
Copper		< 1	< 3		Grab	20	ICP-OES
Cyanide	< 5		< 5	, se.	Grab	5	Colorimetric
Flouride		= 73	< 100	ner	Grab	100	ISE
Lead		< 1	= 0.8	1. NOW	Grab	20	ICP-OES
Nickel		< 2	= 3.9	Alt any other tree	Grab	20	ICP-OES
Zinc		< 18.5	= 8.6 = 1700 utl quit < 0.411 gradus		Grab	20	ICP-OES
Boron		< 54.5	= 1700 Jiff Jiff		Grab	20	ICP-OES
Cadmium		< 1	< 0.30 % 100		Grab	20	ICP-OES
Mercury	< 0.03		< 0.81 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1		Grab	0.2	ICP-MS
Selenium	= 3		√ √ '≅'λ. 1		Grab	0.74	ICP-MS
Barium		= 16.4	6.9		Grab	20	ICP-OES

Additional Comments:	TBT value is 0.02ug/l as Sn
	default of 01/01/12 and 0 where no results area available. TBT testing not required saline interference as sampled in
	tidal area .area of discharge 60metres from tidal area, Note saline interferences in some tests

TABLE F.1(ii)(a): SURFACE/GROUND WATER MONITORING

Secondary Discharge Point

Discharge Point Code:	SW-2
MONITORING POINT CODE:	aSW-2d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter	Results (mg/l)			Sampling method	Limit of Quantitation	Analysis method / technique	
	03/11/09	17/05/11	17/06/11	01/01/12			
рН	= 7.7		= 8.1		Grab	2	Electrochemic al
Temperature					Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 362		= 27000		Grab	0.5	Electrochemic al
Suspended Solids	= 129	= 46			Grab	0.5	Gravimetric
Ammonia (as N)	< 0.1		= 0.6		Grab	0.02	Colorimetric
Biochemical Oxygen Demand	< 1		= 3.3		Grab	0.06	Electrochemic al
Chemical Oxygen Demand			< 21	. 1150.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen				ather	Grab	0.2	ISE
Hardness (as CaCO₃)				± 0,05	Grab	1	Titrimetric
Total Nitrogen (as N)	= 6.92		= 1.62	of for any other	Grab	0.5	Digestion & Colorimetric
Nitrite (as N)	< 0.1		= 0.02 NITO NITO	7	Grab	0.1	Colorimetric
Nitrate (as N)	= 5.33		= 1.32		Grab	0.5	Colorimetric
Total Phosphorous (as P)	< 0.05	· ·	₹0.06 ^{n°}		Grab	0.2	Digestion & Colorimetric
OrthoPhosphate (as P)	< 0.05	roi ,	₹0.05		Grab	0.02	Colorimetric
Sulphate (SO ₄)	< 30	التي ۽			Grab	30	Turbidimetric
Phenols (Sum)	< 0.1	entor	< 0.5		Grab	0.1	GC-MS2

Additional Comments:	TBT testing not required.saline interference as sampled in tidal area .area of discharge 60metres from tidal
	area,default of 01/01/12 and 0 where no results avaialable. Note saline interferences in some tests

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Parameter		Results (mg/l)	Sampling Limit of Quantitation		Analysis method / technique	
	17/05/12					
рН			Grab	2	Electrochemic al	
Temperature	= 12.1		Grab	0.5	Electrochemic al	
Electrical Conductivity (@ 25°C)	= 11160		Grab	0.5	Electrochemic al	
Suspended Solids			Grab	0.5	Gravimetric	
Ammonia (as N)	= 0.018		Grab	0.02	Colorimetric	
Biochemical Oxygen Demand	= 2		Grab	0.06	Electrochemic al	
Chemical Oxygen Demand			Grab	8	Digestion & Colorimetric	
Dissolved Oxygen	= 10.23		Grab	0.2	ISE	
Hardness (as CaCO₃)			Grab	1	Titrimetric	
Total Nitrogen (as N)	= 5.47		Grab	0.5	Digestion & Colorimetric	
Nitrite (as N)	= 0.018		Grab	0.1	Colorimetric	
Nitrate (as N)	= 5.38		Grab	0.5	Colorimetric	
Total Phosphorous (as P)			Grab	0.2	Digestion & Colorimetric	
OrthoPhosphate (as P)	= 0.017		Grab	0.02	Colorimetric	
Sulphate (SO ₄)			Grab	30	Turbidimetric	
Phenols (Sum)			Grab	0.1	GC-MS2	

For Orthophosphate: this monitoring should be undertaken on a sample filtered on 0.45 m filter paper For Phenols: USEPA Method 604, AWWA Standard Method 6240, or equivalent of the control of the contro

Additional Comments:	TBT testing not required.saline interference as sampled in tidal area .area of discharge 60metres from tidal]
	area,default of 01/01/12 and 0 where no results avaialable. Note saline interferences in some tests	

TABLE F.1(ii)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Secondary Discharge Point

Discharge Point Code:	SW-2
MONITORING POINT CODE:	aSW-2d
Grid Ref (12 digits, 6E, 6N)	166227 / 052139 (Verifed using GPS)

Parameter		Re	sults (µg/l)		Sampling method	Limit of Quantitation	Analysis method / technique	
	01/01/09	03/11/09	17/06/11					
Atrazine		< 0.01	< 0.01		Grab	0.96	HPLC	
Dichloromethane		< 1	= 0.05		Grab	1	GC-MS1	
Simazine		< 0.01	< 0.01		Grab	0.01	HPLC	
Toluene		< 0.28	< 0.5		Grab	0.02	GC-MS1	
Tributyltin			< 0.02		Grab	0.02	GC-MS1	
Xylenes		< 0.73	< 1		Grab	1	GC-MS1	
Arsenic	< 0.18		= 3.1		Grab	0.96	ICP-MS	
Chromium		< 1	= 19.3		Grab	20	ICP-OES	
Copper		< 1	< 3		Grab	20	ICP-OES	
Cyanide	< 5		< 5	ago.	Grab	5	Colorimetric	
Flouride		= 73	< 100	ner	Grab	100	ISE	
Lead		< 1	= 0.8	1. 3 Ob	Grab	20	ICP-OES	
Nickel		< 2	= 3.9	of 14. 19th Other lass	Grab	20	ICP-OES	
Zinc		< 18.5	= 8.6 = 1700 triguit < 0.40 structure	3/0	Grab	20	ICP-OES	
Boron		< 54.5	= 1700 Jill Jill	7	Grab	20	ICP-OES	
Cadmium		< 1	< 0.10 Price		Grab	20	ICP-OES	
Mercury	< 0.03		₹0.02 ¹⁷		Grab	0.2	ICP-MS	
Selenium	= 3		. 13 = 37.1		Grab	0.74	ICP-MS	
Barium		= 16.4	6.9		Grab	20	ICP-OES	

Additional Comments:	TBT value is 0.02ug/l as Sn
	default of 01/01/12 and 0 where no results area avaialable.TBT testing not required.saline interference as sampled in
	tidal area .area of discharge 60metres from tidal area, Note saline interferences in some tests

TABLE F.1(ii)(a): SURFACE/GROUND WATER MONITORING

Secondary Discharge Point

Discharge Point Code:	SW-2
MONITORING POINT CODE:	aSW-2u
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter		Result	s (mg/l)		Sampling method	Limit of Quantitation	Analysis method / technique
	17/06/11	17/05/12					
рН	= 7.7				Grab	2	Electrochemic al
Temperature		= 10.7			Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 194	= 210			Grab	0.5	electrochemica
Suspended Solids	= 66				Grab	0.5	Gravimetric
Ammonia (as N)	= 0.605	= 0.048			Grab	0.02	Colorimetric
Biochemical Oxygen Demand	= 7.1	< 1			Grab	0.06	elelectrochemi cal
Chemical Oxygen Demand	< 21			, 115°.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen		= 11.48		ther	Grab	0	ISE
Hardness (as CaCO₃)		= 0		A. A	Grab		Titrimetric
Total Nitrogen (as N)	= 4.84	= 4.12	Section purposes of	for say	Grab	0.5	digestion+color imetric
Nitrite (as N)		= 0.017	alifectific		Grab	0.013	Colorimetric
Nitrate (as N)	= 0.05	= 8.275	ion of ree,		Grab	0.04	Colorimetric
Total Phosphorous (as P)	= 0.11	· S	Pediot Buffedire		Grab	0.05	digestion+color imetric
OrthoPhosphate (as P)	= 0.0975	= 0.02	110		Grab	0.006	Colorimetric
Sulphate (SO ₄)	< 30	٥٧٠ ۽	•		Grab	30	Turbidimetric
Phenols (Sum)	= 1.12	ent of			Grab	1	GC-MS2

Additional Comments:	

TABLE F.1(ii)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Secondary Discharge Point

Discharge Point Code:	SW-2
MONITORING POINT CODE:	aSW-2u
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter		Resul	ts (µg/l)		Sampling method	Limit of Quantitation	Analysis method / technique
	17/06/11						
Atrazine	< 0.01				Grab	0.96	HPLC
Dichloromethane	< 0.5				Grab	1	GC MS1
Simazine	< 0.01				Grab	0.01	HPLC
Toluene	< 0.5				Grab	0.02	GC MS1
Tributyltin	< 0.02				Grab	0.02	GC MS1
Xylenes	< 1				Grab	1	GC MS1
Arsenic	= 0.9				Grab	0.96	ICP-MS
Chromium	= 1.4				Grab	2	ICP-MS
Copper	= 9				Grab	2	ICP-MS
Cyanide	= 6.9			se.	Grab	5	Colorimetric
Flouride	< 100			ner	Grab	100	ISE
Lead	= 1.3			1. A Ott	Grab	2	ICP-MS
Nickel	= 4.4		ó	dy any other the	Grab	2	ICP-MS
Zinc	= 21.3		Geo. 3	10	Grab	2	ICP-MS
Boron	= 20		alifering		Grab	2	ICP-MS
Cadmium	= 0.1		Reid Hartetile		Grab	2	ICP-MS
Mercury	< 0.02		Dect Will		Grab	0.2	ICP-MS
Selenium	< 0.2	, AS	dit		Grab	0.74	ICP-MS
Barium	= 11.2	For	it is		Grab	2	ICP-MS

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Additional Comments:	\$ OF	SOL	
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TABLE F.1(ii)(a): SURFACE/GROUND WATER MONITORING

Secondary Discharge Point

Discharge Point Code:	SW-3
MONITORING POINT CODE:	aSW-3u_2
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter		Result	s (mg/l)		Sampling method	Limit of Quantitation	Analysis method / technique
	17/06/11	17/05/12					
рН	= 7.7				Grab	2	Electrochemic al
Temperature		= 10.7			Grab	0.5	Electrochemic al
Electrical Conductivity (@ 25°C)	= 194	= 210			Grab	0.5	electrochemica I
Suspended Solids	= 66				Grab	0.5	Gravimetric
Ammonia (as N)	= 0.605	= 0.048			Grab	0.02	Colorimetric
Biochemical Oxygen Demand	= 7.1	< 1			Grab	0.06	elelectrochemi cal
Chemical Oxygen Demand	< 21			, USE.	Grab	8	Digestion & Colorimetric
Dissolved Oxygen		= 11.48		ather	Grab	0	ISE
Hardness (as CaCO₃)		= 0		14. 20H	Grab		Titrimetric
Total Nitrogen (as N)	= 4.84	= 4.12	05e5 0	for any	Grab	0.5	digestion+color imetric
Nitrite (as N)		= 0.017	alifedilite		Grab	0.013	Colorimetric
Nitrate (as N)	= 0.05	= 8.275	ion of the		Grab	0.04	Colorimetric
Total Phosphorous (as P)	= 0.11	·×	Petion Burgostic		Grab	0.05	digestion+color imetric
OrthoPhosphate (as P)	= 0.0975	= 0.02	tio		Grab	0.006	Colorimetric
Sulphate (SO ₄)	< 30	900	•		Grab	30	Turbidimetric
Phenols (Sum)	= 1.12	centor			Grab	1	GC-MS2

Additional Comments:	

TABLE F.1(ii)(b): SURFACE/GROUND WATER MONITORING (Dangerous Substances)

Secondary Discharge Point

Discharge Point Code:	SW-3
MONITORING POINT CODE:	aSW-3u_2
Grid Ref (12 digits, 6E, 6N)	166325 / 054284 (Verifed using GPS)

Parameter	Results (μg/l)			Sampling method	Limit of Quantitation	Analysis method / technique	
	17/06/11						
Atrazine	< 0.01				Grab	0.96	HPLC
Dichloromethane	< 0.5				Grab	1	GC MS1
Simazine	< 0.01				Grab	0.01	HPLC
Toluene	< 0.5				Grab	0.02	GC MS1
Tributyltin	< 0.02				Grab	0.02	GC MS1
Xylenes	< 1				Grab	1	GC MS1
Arsenic	= 0.9				Grab	0.96	ICP-MS
Chromium	= 1.4				Grab	2	ICP-MS
Copper	= 9				Grab	2	ICP-MS
Cyanide	= 6.9			se.	Grab	5	Colorimetric
Flouride	< 100			ner	Grab	100	ISE
Lead	= 1.3			1. A Ott	Grab	2	ICP-MS
Nickel	= 4.4		ó	dy any other the	Grab	2	ICP-MS
Zinc	= 21.3		Geo. 3	10	Grab	2	ICP-MS
Boron	= 20		alifering		Grab	2	ICP-MS
Cadmium	= 0.1		Reid Hartetile		Grab	2	ICP-MS
Mercury	< 0.02		Dect Will		Grab	0.2	ICP-MS
Selenium	< 0.2	, AS	dit		Grab	0.74	ICP-MS
Barium	= 11.2	For	it is		Grab	2	ICP-MS

Additional Comments:	A OTISE	Y
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Annex 2: Check List For Regulation 16 Compliance

Regulation 16 of the waste water discharge (Authorisation) Regulations 2007 (S.I. No. 684 of 2007) sets out the information which must, in all cases, accompany a discharge licence application. In order to ensure that the application fully complies with the legal requirements of regulation 16 of the 2007 Regulations, all applicants should complete the following.

In each case, refer to the attachment number(s), of your application which contains(s) the information requested in the appropriate sub-article.

	tion 16(1) ase of an application for a waste water discharge licence, the application shall -	Attachment Number	Checked by Applicant
(a)	give the name, address, telefax number (if any) and telephone number of the applicant (and, if different, of the operator of any treatment plant concerned) and the address to which correspondence relating to the application should be sent and, if the operator is a body corporate, the address of its registered office or principal office,	application form	Yes
(b)	give the name of the water services authority in whose functional area the relevant waste water discharge takes place or is to take place, if different from that of the applicant,	application form	Yes
(c)	give the location or postal address (including where appropriate, the name of the townland or townlands) and the National Grid reference of the location of the waste water treatment plant and/or the waste water discharge point or points to which the application relates,	application form	Yes
(d)	state the population equivalent of the agglomeration to which the application relates,	application form	Yes
(e)	specify the content and extent of the waste water discharge, the level of treatment provided, if any, and the flow and type of discharge,	application form	Yes
(f)	give details of the receiving water body, including its protected area status, if any, and details of any sensitive areas or protected areas or both in the vicinity of the discharge point or points likely to be affected by the discharge concerned, and for discharges to ground provide details of groundwater protection schemes in place for the receiving water body and all associated hydrogeological and geological assessments related to the receiving water environment in the vicinity of the discharge.		Yes
(g)	identify monitoring and sampling points and indicate proposed arrangements for the monitoring of discharges and, if Regulation 17 does not apply, provide details of the likely environmental consequences of any such discharges,	application form	Yes
(h)	in the case of an existing waste water treatment plant, specify the sampling data pertaining to the discharge based on the samples taken in the 12 months preceding the making of the application,	application form	Yes
(i)	describe the existing or proposed measures, including emergency procedures, to prevent unintended waste water discharges and to minimise the impact on the environment of any such discharges,	application form	Yes
(j)	give particulars of the nearest downstream drinking water abstraction point or points to the discharge point or points,	application form	Yes
(k)	give details, and an assessment of the effects of any existing or proposed emissions on the environment, including any environmental medium other than those into which the emissions are, or are to be made, and of proposed measures to prevent or eliminate or, where that is not practicable, to limit any pollution caused in such discharges,	application form	Yes
(I)	give detail of compliance with relevant monitoring requirements and treatment standards contained in any applicable Council Directives of Regulations,	application form	Yes
(m)	give details of any work necessary to meet relevant effluent discharge standards and a timeframe and schedule for such work.	application form	Yes
(n)	Any other information as may be stipulated by the Agency.	application form	Yes
Without	tion 16(3) t prejudice to Regulation 16 (1) and (2), an application for a licence shall be anied by -	Attachment Number	Checked by Applicant
(a)	a copy of the notice of intention to make an application given pursuant to Regulation 9,	application form	Yes
(b)	where appropriate, a copy of the notice given to a relevant water services authority under Regulation 13,	application form	Yes
(c)	Such other particulars, drawings, maps, reports and supporting documentation as are necessary to identify and describe, as appropriate -	application form	Yes
(c) (i)	the point or points, including storm water overflows, from which a discharge or discharges take place or are to take place, and	not applicable	Yes
(c) (ii)	the point or points at which monitoring and sampling are undertaken or are to be undertaken,	application form	Yes
(d)	such fee as is appropriate having regard to the provisions of Regulations 38 and 39.	application form	Yes

WWD Licence Application Annex II

An origi docume	ion 16(4) nal application shall be accompanied by 2 copies of it and of all accompanying ints and particulars as required under Regulation 16(3) in hardcopy or in an electronic format as specified by the Agency.	Attachment Number	Checked by Applicant
1	An Original Application shall be accompanied by 2 copies of it and of all accompanying documents and particulars as required under regulation 16(3) in hardcopy or in electronic or other format as specified by the agancy.	application form	Yes
For the associa	ion 16(5) purpose of paragraph (4), all or part of the 2 copies of the said application and ted documents and particulars may, with the agreement of the Agency, be submitted in tronic or other format specified by the Agency.	Attachment Number	Checked by Applicant
1	Signed original.	application form	Yes
2	2 hardcopies of application provided or 2 CD versions of application (PDF files) provided.	application form	Yes
3	1 CD of geo-referenced digital files provided.	application form	Yes
subject to 2001 respect stateme	ion 17 a treatment plant associated with the relevant waste water works is or has been to the European Communities (Environmental Impact Assessment) Regulations 1989, in addition to compliance with the requirements of Regulation 16, an application in of the relevant discharge shall be accompanied by a copy of an environmental impact and approval in accordance with the Act of 2000 in respect of the said development by be submitted in an electronic or other format specified by the Agency	Attachment Number	Checked by Applicant
1	EIA provided if applicable	not applicable	Yes
2	2 hardcopies of EIS provided if applicable.	not applicable	Yes
3	2 CD versions of EIS, as PDF files, provided.	not applicable	Yes
Regulat In the capplicat	ion 24 ase of an application for a waste water discharge certificate of authorisation, the ion shall –	Attachment Number	Checked by Applicant
(a)	give the name, address, telefax number (if any) and telephone number of the applicant and the address to which correspondence relating to the application should be sent and, if the operator of the waste water works is a body corporate, the address of its registered office or principal office	application form	Yes
(b)	give the name of the water services authority in whose functional area the relevant waste water discharge takes place or is to take place, if different from that of the applicant,	application form	Yes
(c)	give the location or postal address (including where appropriate, the name of the townland or townlands) and the National Grid reference of the location of the discharge point or points to which the application relates,	application form	Yes
(d)	state the population equivalent of the agglomeration to which the application relates,	application form	Yes
(e)	in the case of an application for the review of a certificate, specify the reference number given to the relevant certificate in the register,	application form	Yes
(f)	specify the content and extent of the waste water discharge, the level of treatment provided and the flow and type of discharge,	application form	Yes
(g)	give details of the receiving water body, its protected area status, if any, and details of any sensitive areas or protected areas, or both, in the vicinity of the discharge point or points or likely to be affected by the discharge concerned,	application form	Yes
(h)	identify monitoring and sampling points and indicate proposed arrangements for the monitoring of discharges and of the likely environmental consequences of any such discharges,	application form	Yes
(i)	in the case of an existing discharge, specify the sampling data pertaining to the discharge based on the samples taken in the 12 months preceding the making of the application,	application form	Yes
(j)	describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected waste water discharges and to minimise the impact on the environment of any such discharges,	application form	Yes
(k)	give particulars of the location of the nearest downstream drinking water abstraction point or points to the discharge point or points associated with the waste water works,	not applicable	Yes
(I)	give details of any designation under any Council Directive or Regulations that apply in relation to the receiving waters,	application form	Yes
(m)	give details of compliance with any applicable monitoring requirements and treatment standards,	application form	Yes
(n)	give details of any work necessary to meet relevant effluent discharge standards and a timeframe and schedule for such work,	application form	Yes
(o)	give any other information as may be stipulated by the Agency, and	application form	Yes
(p)	be accompanied by such fee as is appropriate having regard to the provisions of Regulations 38 and 39.	application form	Yes