



Pfizer Nutritionals Ireland Limited
T/A Wyeth Nutritionals Ireland
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Ms. Sonja Smith
Administration Officer,
Office of Climate, Licensing & Resource Use,
EPA,
PO Box 3000,
Johnstown Castle Estate,
Co. wexford



IPPC Licenece Reg.: P0395-03

Date: 22nd March 2012

Dear Ms. Smith,

Further to your letter of 26 January 2012 requesting further information we wish to advise as follows;

- We confirm that our activities are 7.2.2.
- Please find attached Drawing Number 50-ME-31170 which identifies all storm water and process effluent drains. The sources of all storm waters are identified in the right hand column of the drawing.
- Each emission point has a unique reference number and we have proposed three monitoring locations (SW3, SW4 & SW5) to give a representative sample of the surface water leaving the site. We consider that providing sampling locations for all nine emission points would not be BAT due to the high capital cost implications of providing sampling at such locations. Furthermore SW6, SW7 and SW8 traverse heavy traffic areas where a sample location cannot be sited because of health & safety issues. Also between the road and the river is a steep rocky slope where a pipe bridge is built making it hazardous to excavate. SW9 passes under a waste compound where waste management equipment is located and forklifts operate. Between the road and the estuary a very deep excavation would be required to site a monitoring point and we believe that this is not practical.
- Please find attached completed tables for the water treatment plant discharge. Please note that this was a once off monitoring event designed to give an indication of concentration values that might be expected. Monitoring for the parameters shows that this discharge is similar to what might be expected from an uncontaminated surface water discharge with the exception of the concentration levels of sodium and chloride. The average values for sodium and chloride are 3,820 mg/l and 9,600 mg/l respectively. The level of sodium and chloride in seawater is approximately 10,000 mg/l and 20,000 mg/l respectively. Therefore given that we are discharging to estuarine waters we believe that there will be minimal impact.

Wyeth Nutritionals Ireland is a business name of Pfizer Nutritionals Ireland Limited
Registered in Ireland Company Number: 393631 – VAT Number IE6413631Q
Registered Office: Operations Support Group, Ringaskiddy, Co. Cork
Directors: Peter Duffy, Paul Duffy
Secretary: Peter Duffy



- Please find attached table giving MRP levels in our effluent during September & October 2011. MRP concentration levels in our wastewater emissions are exceptionally low.

Should you require any additional information please don't hesitate to contact me by phone at 061 601 307 or by email at brian.shiel@pfizer.com.

Yours sincerely,

A handwritten signature in black ink that reads "Brian Shiel".

Brian Shiel
EHS lead

Encl./ One signed original, one hardcopy and two copies of the following files on CD-ROM:

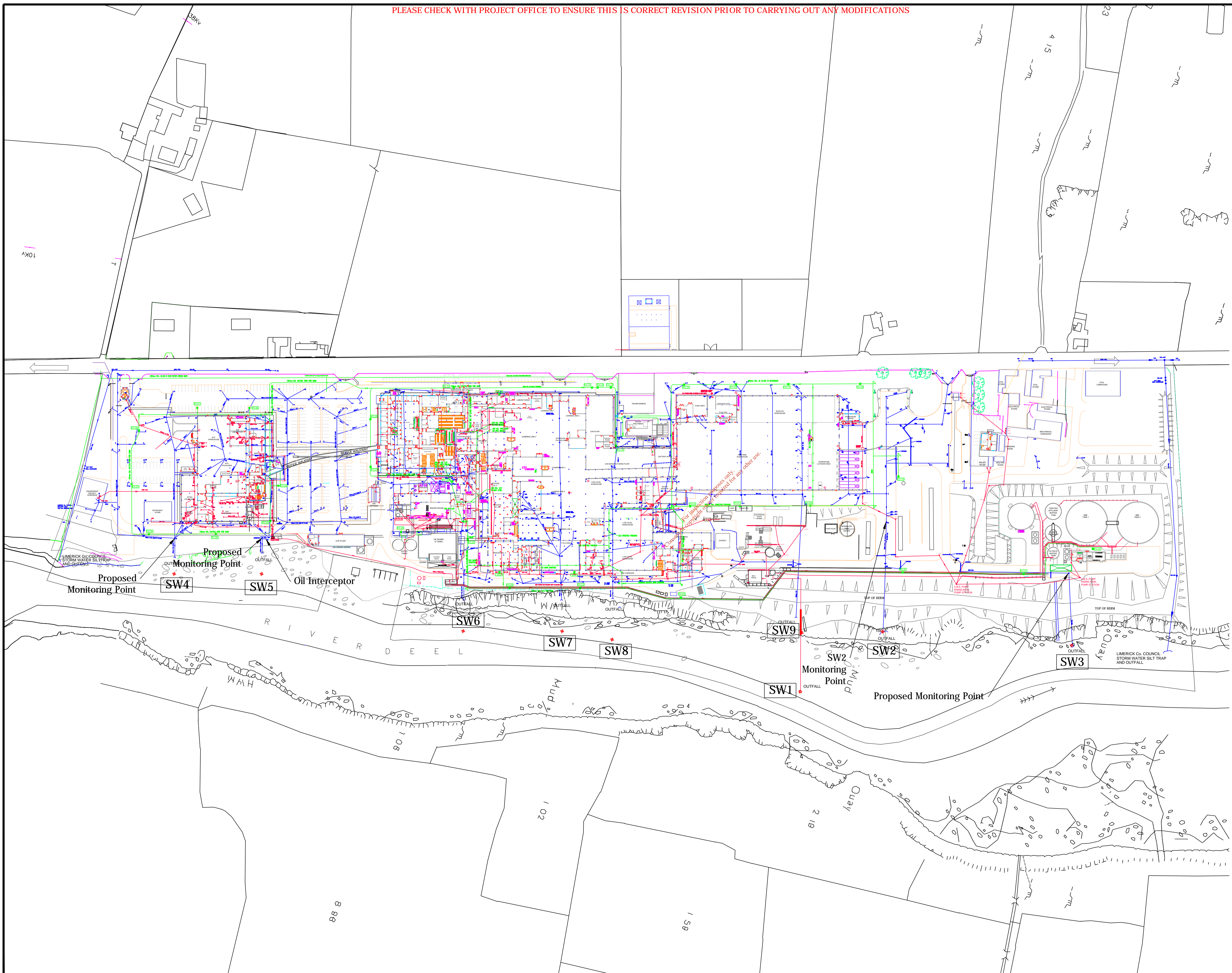
AppForm – Tables for SW8.pdf

WW MRP Results Aug and Sep 2011.pdf

50-ME-31170-BS 21-03-2012.pdf

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PLEASE CHECK WITH PROJECT OFFICE TO ENSURE THIS IS CORRECT REVISION PRIOR TO CARRYING OUT ANY MODIFICATIONS



LEGEND:

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE PROPERTY OF WYETH NUTRITIONALS IRELAND LTD AND IS FURNISHED TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY. THE RECIPIENT PROMISES AND AGREES TO RETURN THIS DRAWING UPON REQUEST AND AGREES THAT IT SHALL NOT BE REPRODUCED, COPIED, LOANED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE OTHER THAN THAT FOR WHICH IT IS FURNISHED.

DISCHARGE POINTS COORDINATES:-

- SW1 = N 151 496.000, E 133 614.000
- SW2 = N 151 540.000, E 133 552.000
- SW3 = N 151 676.000, E 133 516.000
- SW4 = N 151 027.000, E 133 683.000
- SW5 = N 151 088.000, E 133 662.000
- SW6 = N 151 244.000, E 133 653.000
- SW7 = N 151 314.000, E 133 629.000
- SW8 = N 151 351.000, E 133 623.000
- SW9 = N 151 483.000, E 133 572.000

EXISTING MONITORING POINT COORDINATES

- SW2 = N 151 516 000, E 133 469 000

PROPOSED MONITORING POINT COORDINATES FOR DISCHARGE POINTS:-

- SW3 = N 151 656.000, E 133 466.000
- SW4 = N 151 018.000, E 133 658.000
- SW5 = N 151 090.000, E 133 634.000

CATCHMENT AREAS

- SW1
Plantwide Treated Effluent Only.
- SW2
Warehouse Roof, Warehouse Yard and Trailer Park Surface Water Road Gullies.
- SW3
Warehouse Yard, Trailer Park, Project Office, Contractors Compound and Road Gullies
- SW4
RTF Warehouse Yard, Project Workshop and Car Park Surface Water Road Gullies
- SW5
RTF Roof and Main Car Park Surface Water Road Gullies with Oil Interceptor
- SW6
Canteen Roof, Main office Roof, AHU Condensation Drains, South End of Process Area Roof and Road Gullies
- SW7
Production Area, Powder Dump and Low Level Warehouse Roof and Road Gullies
- SW8
Water Treatment Plant Overflow, Backwash, Low Level Ware House Roof and Road Gullies
- SW9
High Level Warehouse Roof and Road Gullies

REV	ISSUE / DESCRIPTION	DATE
VENDOR		
VENDOR DWG NO:		VENDOR PROJECT NO:

CLIENT

Wyeth

ASKEATON
CO. LIMERICK

DRAWING TITLE

SURFACE WATER CATCHMENT AND DISCHARGE POINTS

PLANT AREA: 50 Plant Layouts	DWG NUMBER: 50-ME-31170
PROPOSAL TITLE:	

PROJECT TITLE:

PROPOSAL NO:	PROJECT NO:
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	DRAWN BY: DM
	DRAWN DATE: 13/02/12

SCALE:	SHEET SIZE:	REVISION: A
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STAGE: PRE-CONSTRUCTION

Under Change

ANNEX 1: TABLES/ATTACHMENTS

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TABLE B.1(i): EMISSIONS TO SURFACE WATERS

(One page for each emission)

Emission Point:

Emission Point Ref. No.:	SW8		
Source of Emission:	Water Treatment Plant		
Location :	Askeaton, Co. Limerick		
Grid Ref. (12 digit, 6E,6N):	133623E, 151351N		
Name of receiving waters:	Deel Estuary		
Flow rate in receiving waters:		_____ N/A _____	m ³ .sec ⁻¹ Dry Weather Flow
		_____ N/A _____	m ³ .sec ⁻¹ 95%ile flow

Emission Details:

(i) Volume to be emitted			
Normal/day	130 m ³	Maximum/day	260 m ³
Maximum rate/hour	90 m ³		

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

Periods of Emission (avg)	_____ 3 _____ min/hr _____ 1 _____ hr/day _____ 350 _____ day/yr
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TABLE B.1(ii): EMISSIONS TO SURFACE WATERS - Characteristics of the emission (One table per emission point)

Emission Point Reference Number: SW8

Parameter	Prior to treatment				As discharged				% Efficiency
	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	
Total SS					50	50	4	1400	
BOD					4	4	0.25	87.5	
pH					7.26	7.26	-	-	
MRP					0.18	0.18	0.01	3.5	
Dissolved Aluminium					0.03	0.03	0.002	0.7	
Manganese					0.001	0.001	0.00009	0.0315	
Sodium					3820	3820	686	240,000	
Chloride					9600	9600	1730	605,500	

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TABLE C.1(i): ABATEMENT/TREATMENT CONTROL

Emission Point Reference Number: SW8

Control ¹ parameter	Equipment ²	Equipment maintenance	Equipment calibration	Equipment back-up	Monitoring to be carried out ³	Monitoring equipment	Monitoring equipment calibration
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ List the operating parameters of the treatment/abatement system which control its function.

² List the equipment necessary for the proper function of the abatement/treatment system.

³ List the monitoring of the control parameter to be carried out.

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TABLE C.2(i): EMISSIONS MONITORING AND SAMPLING POINTS

(One table per monitoring point)

Emission Point Reference Number: **SW8**

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique
N/A				

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TABLE C.2(ii): AMBIENT ENVIRONMENT MONITORING AND SAMPLING POINTS (One table per monitoring point)

Monitoring Point Reference Number: _____

Parameter	Monitoring frequency	Accessibility of Sampling point	Sampling method	Analysis method/ technique
		<p style="color: red; transform: rotate(-45deg); font-size: small;">For inspection purposes only. Consent of copyright owner required for any other use.</p>		

Table D.1(i) RECEIVING WATER SURFACE WATER QUALITY

Monitoring Point/Grid Reference: _____

Parameter	Results ¹ (mg/l)												Sampling method (grab, drift etc.)	Normal Analytical Range	Analysis method/ technique	
	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date				
pH																
Temperature																
Electrical conductivity EC																
Ammonia (as N)																
Chemical oxygen demand																
Biochemical oxygen demand																
Dissolved oxygen DO																
Total Nitrogen (as N)																
Nitrite (as N)																
Nitrate (as N)																
Total Phosphorous (as P)																
OrthoPhosphate (as P)																

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¹ At least 12 samples should be taken at regular intervals.

Provide summary of the monitoring results

Pfizer Nutritionals Ireland Limited
MRP analysis results from 24-hour composite sample

Date	MRP(asP) mg/l
30/08/2011	<0.03
31/08/2011	<0.03
01/09/2011	0.03
02/09/2011	<0.03
03/09/2011	<0.03
04/09/2011	<0.03
05/09/2011	<0.03
06/09/2011	<0.03
07/09/2011	<0.03
08/09/2011	<0.03
09/09/2011	<0.03
10/09/2011	-
11/09/2011	-
12/09/2011	<0.03
13/09/2011	<0.03
14/09/2011	<0.03
15/09/2011	<0.03
16/09/2011	<0.03
17/09/2011	<0.03
18/09/2011	<0.03
19/09/2011	<0.03
20/09/2011	0.05
21/09/2011	<0.03
22/09/2011	<0.03
23/09/2011	<0.03
24/09/2011	<0.03
25/09/2011	0.04
26/09/2011	<0.03
27/09/2011	0.04
28/09/2011	0.04
29/09/2011	0.04
30/09/2011	<0.03
01/10/2011	-
02/10/2011	-
03/10/2011	<0.03
04/10/2011	<0.03
05/10/2011	<0.03
06/10/2011	<0.03
07/10/2011	<0.03
08/10/2011	-
09/10/2011	-
10/10/2011	<0.03
11/10/2011	<0.03
12/10/2011	<0.03
13/10/2011	<0.03
14/10/2011	<0.03
15/10/2011	-
16/10/2011	-
17/10/2011	<0.03
18/10/2011	<0.03
19/10/2011	-
20/10/2011	<0.03
21/10/2011	<0.03
22/10/2011	-
23/10/2011	-
24/10/2011	<0.03
25/10/2011	<0.03
26/10/2011	<0.03
27/10/2011	<0.03
28/10/2011	<0.03

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