Surrender notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Novartis Vaccines and Diagnostics Limited

Gaskill Road, Speke Vaccines
Gaskill Road
Speke
Liverpool
L24 9GR

Surrender application number

EPR/BS5401IK/S005

Permit number

EPR/BS5401IK

Gaskill Road, Speke Vaccines
Permit number EPR/BS5401IK

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the surrender in part of an environmental permit.

This notice of variation makes the necessary amendments to remove Site 1 and Site 2 from the permit due to the closure of these two sites. A new site plan is provided showing the amended installation boundary linked to remaining sites 3 and 4.

The Schedules specify the changes made to the permit as a result of the partial surrender.

Schedule 1 of the notice lists any deleted conditions, Schedule 2 of the notice lists any amended conditions and Schedule 3 of the notice lists any conditions that have been added. The new site plan is attached in Schedule 4

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	**Date**	**Response Date**
Application BS5401IK (EPR/BS5401IK/A001)	Duly made 29/03/06	
Response to request for further information	16/11/06	11/12/06
Permit determined BS5401IK (EPR/BS5401IK/A001)	21/12/06	
Application for Variation YP3531UV (EPR/BS5401IK/V002)	Duly Made 28/09/07	
Variation YP3531UV determined (EPR/BS5401IK/V002)	20/12/07	
Application for Variation EPR/BS5401IK/V003	Duly Made 31/12/09	
Additional Information e-mail on minor operational changes	20/01/10	
Odour Management Plan (OMP)	28/02/10	
Initial OMP amendment		03/03/10
Final OMP amendment		12/03/10
A38 oxides of nitrogen monitoring plan		15/03/10
Variation Notice EPR/BS5401IK/V003 determined	09/04/10	
Application for Variation EPR/BS5401IK/V004	Duly made 13/09/10	
Additional information clarifications on acid and caustic procedures in event of accidents and spillages	14/09/10	24/09/10

Status Log of the permit		
Detail	**Date**	**Response Date**
Variation Notice EPR/BS5401IK/V004 determined	05/10/10	
Application for Partial Surrender EPR/BS5401IK/S005	Duly Made 03/02/11	
Revision of site plan		15/03/11
Summary of site decommissioning and demolition progress April 2011		18/04/11
Confirmation of cessation of site 2 development work and drainage flushed – site returned to satisfactory state		05/05/11
Partial Surrender Notice EPR/BS5401IK/S005 determined	05/05/11	

End of Introductory Note

Notice of surrender

Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/BS5401IK/S005

The Environment Agency in exercise of its powers under regulation 25 of the Environmental Permitting (England and Wales) Regulations 2010 accepts the partial surrender of the permit issued to

Novartis Vaccines and Diagnostics Limited ("the operator")

whose registered office is
Frimley Business Park
Frimley
Camberley
Surrey
GU16 7SR

company registration number **3970089**

to operate a regulated facility at
Gaskill Road
Speke
Liverpool
L24 9GR

to the extent set out in the schedules.

The notice shall take effect from 05/05/11

Name	Date
Mark Jenkins	05/05/2011

Authorised on behalf of the Environment Agency

Schedule 1 to the partial surrender – conditions to be deleted

The following conditions are deleted as a result of the application made by the operator.

- Condition 2.3.2
- Table S3.1 as referenced in condition 2.3.2
- Table S4.1a (Site 1) as referenced in condition 3.1.1
- Table S4.1b (Site 2) as referenced in condition 3.1.1
- Table S4.3a (Site 1) as referenced in condition 3.1.1
- Table S4.3b (Site 2) as referenced in condition 3.1.1

Schedule 2 to the partial surrender – conditions to be amended

The following conditions are amended as detailed, as a result of the application made by the operator.

- Table S1.1 activities as referenced in condition 2.1.1 is amended to remove sites 1 and 2 boilers under directly associated activities and usage of heavy fuel oil. The amended table reads as follows:

Table S1.1 activities		
Activity listed in Schedule 1 of the PPC Regulations	**Description of specified activity**	**Limits of specified activity**
Section 4.5 Part A (1) (a) – Producing pharmaceutical products using a chemical or biological process.	The manufacture of seasonal/pandemic influenza vaccines.	From the receipt of raw materials to the manufacture, storage and despatch of finished product (including the cleaning and fumigation of process plant, and the storage and handling of waste/wastewater arising from the process).
Section 5.3 Part A (1) (c) (ii) – Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment, not being treatment specified in any paragraph other than paragraph D9 in Annex IIA to Council Directive 75/442/EEC, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 in that Annex.	Treatment of process effluent from Site 4.	Physical treatment (pH and temperature control) prior to discharge into the public sewer.
Section 6.8 Part A(1) (c) Disposal of or recycling animal carcasses or animal waste other than by rendering, at a plant with a treatment capacity exceeding 10 tonnes per day of animal carcasses or animal waste or, in aggregate of both.	Treatment of egg waste from Site 4.	Collection of egg waste through to filtration, drying and collection prior to off site disposal.
Directly Associated Activity		
Steam Supply	Operation of the following combustion plant for heating, sanitisation and sterilisation purposes: Site 3 – 1.4MW gas-fired boiler; and Site 4 - two 5.4MW gas-fired boilers and one 4.4 MW gas fired boiler.	From the receipt, handling and combustion of fuel to steam generation
Heating Ventilation & Cooling	Maintenance of workplace environment and air quality.	Operation of Heating Ventilation & Cooling (HVAC) systems

Table S1.1 activities		
Activity listed in Schedule 1 of the PPC Regulations	**Description of specified activity**	**Limits of specified activity**
Refrigeration	The operation of Blast Chillers.	The cooling of eggs following incubation.
Odour Abatement System	Site 4 Effluent Treatment Area (A37)	Odour abatement via a combination of acid scrubbing, carbon adsorption and caustic bleach scrubbing.
Water Purification.	The production of Purified Water (PW) and Water for Injection (WFI).	Water purification using softeners, reverse osmosis, electro-deionisation and distillation techniques.

- Table S1.2 as referenced in condition 2.3.1 is amended by the additional of the following row clarifying the operating techniques remaining after the partial surrender linked to closure of sites 1 and 2 and on-going operation of sites 3 and 4.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Report 49308339/MARP0003 Detailing Operating Techniques, Monitoring and Resource efficiency changes linked to partial surrender	All	Duly made 03/02/11

- Condition 2.2.1 is amended to

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit

- Condition 3.1.1 is amended to

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1 (c-d), S4.2 and S4.3 (c-d)

- Condition 3.6.1 is amended to

3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring specified in the following tables in schedule 4 to this permit:

Point source emissions specified in tables S4.1(c-d) and S4.3(c-d).

- Condition 3.6.4 is amended to

3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1(c-d), S4.2 and S4.3(c-d) unless otherwise specified in that schedule.

- Table S4.3c Reporting of monitoring data as referenced in conditions 3.6.1 and 3.6.4 is amended as follows to adjust frequency of S5 samples:

Table S 4.3 c (Site 3) Point source emissions to sewer, effluent treatment plant or other transfers off-site –emission limits and monitoring requirements

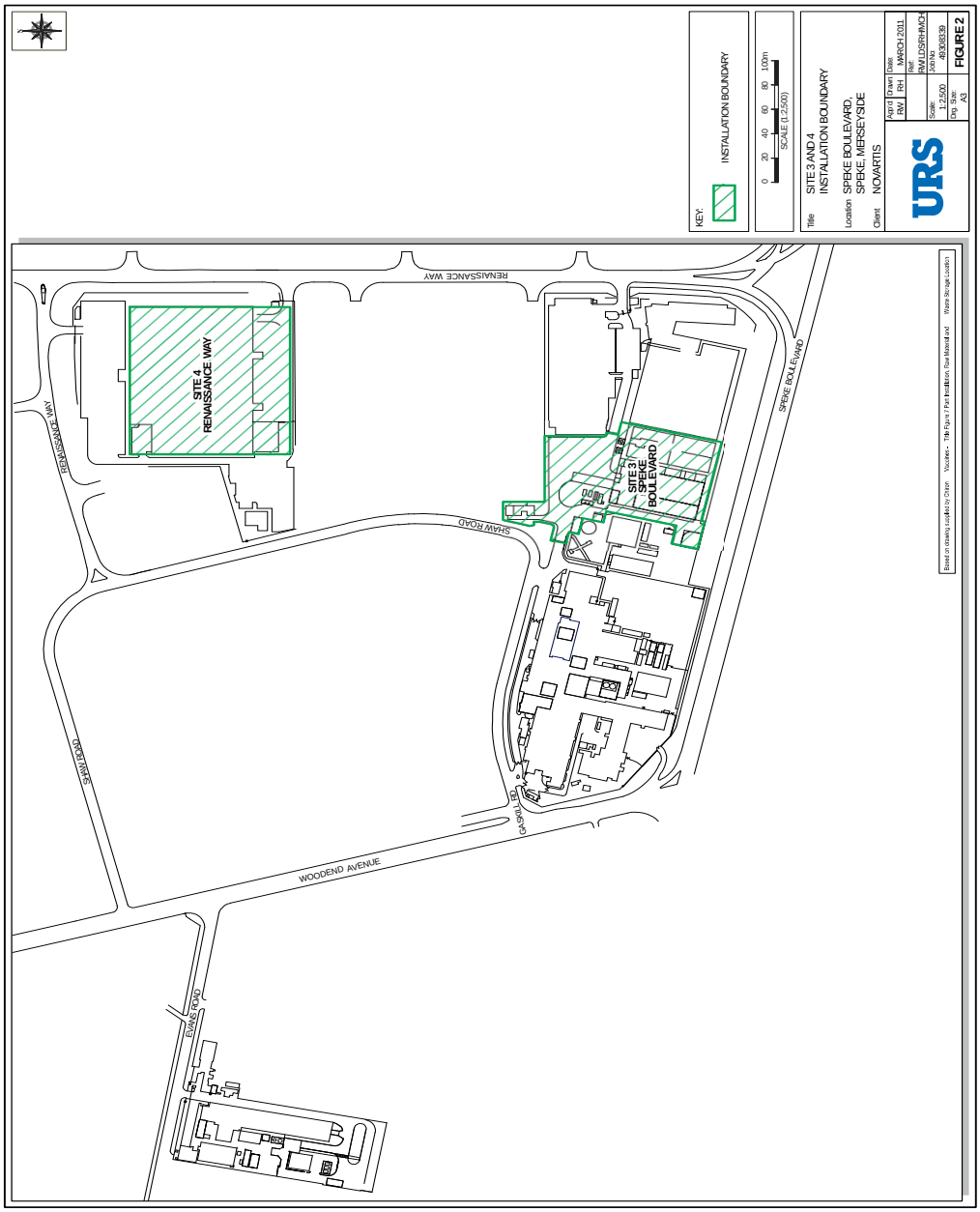
Emission point ref & location	Parameter	Source	Limit (inc limit)	Reference Period	Monitoring frequency	Monitoring standard or method
S5 (Point W9 on Figure 6 received 11/12/06) to Speke Boulevard sewer	Total Mercury	Process Effluent via bulk storage	10 µg/l	Weekly flow proportional composite sample	As requested by the Environment Agency	Cold vapour atomic absorption
S5 (Point W9 on Figure 6 received 11/12/06) to Speke Boulevard sewer	Total Mercury	Process Effluent via bulk storage	No limit set	Spot sample	As requested by the Environment Agency	UKAS accredited
S5 (Point W9 on Figure 6 received 11/12/06) to Speke Boulevard sewer	Nonphenole thoxylate	Process Effluent via bulk storage	No limit set	Weekly flow proportional composite sample	As requested by the Environment Agency	UKAS accredited
W5,W6 (Points S1&S2 on Figure 6 received 11/12/06) to Speke Boulevard sewer	No parameters set	Non-process water	No limit set	-	-	Permanent sampling access not required

- Table S5.1 Reporting of monitoring data as referenced in condition 4.2.2 is amended to

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.6.1.	A11 , A23 and A38	Every 12 months	01/01/11
Emissions to sewer Parameters as required by condition 3.6.1	S5	As Requested by the Environment Agency	01/01/11
Emissions to sewer Parameters as required by condition 3.6.1	S7.	Monthly	01/01/11

Schedule 3 to the partial surrender – conditions to be added

None.

Schedule 4 to the partial surrender – amended plan showing reduced installation boundary is as follows: