

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

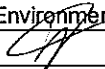
Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	01/11/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (hourly)	Treated Effluent	35.0 m3 hourly	01/11/2018

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	01/11/18- Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 - W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 - Contractor HGV collision resulting in fuel spill 13/04/17 - W1 Emission of Mineral oil and hydrocarbon 30/03/17 - S1 Emission of Mineral oil and hydrocarbon 02/03/17 - W1 Emission of Mineral oil and hydrocarbon

Name*	Matt Dight
Post	Environmental Manager
Signature	

Date	28/01/2019
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* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	01/11/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	840.19m3 day	01/11/2018

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon

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Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	02/11/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	804.55m3 daily	02/11/2018

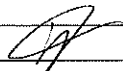
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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The dates of any unauthorised emissions from the installation in the preceding 24 months.	01/11/18- Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon

Name*	Matt Dight
Post	Environmental Manager

Permit and introductory note: the PPC Regulations
Schedule 1 - Notification of abnormal emissions

Signature	
Date	28/01/2019

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Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	07/11/2018

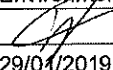
Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (hourly)	Treated Effluent	34.4 m3 hourly	07/11/2018

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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The dates of any unauthorised emissions from the installation in the preceding 24 months.	07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 - W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 - Contractor HGV collision resulting in fuel spill 13/04/17 - W1 Emission of Mineral oil and hydrocarbon 30/03/17 - S1 Emission of Mineral oil and hydrocarbon 02/03/17 - W1 Emission of Mineral oil and hydrocarbon

Permit and introductory note: the PPC Regulations
Schedule 1 - Notification of abnormal emissions

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Post	Environmental Manager
Signature	
Date	29/04/2019

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Schedule 1 - Notification of abnormal emissions

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Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	07/11/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	825.62 m3 day	07/11/2018

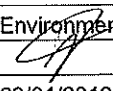
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 - W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 - Contractor HGV collision resulting in fuel spill 13/04/17 - W1 Emission of Mineral oil and hydrocarbon 30/03/17 - S1 Emission of Mineral oil and hydrocarbon 02/03/17 - W1 Emission of Mineral oil and hydrocarbon

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Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	04/12/2018

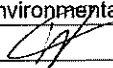
Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	811 m3 day	04/12/2018

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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The dates of any unauthorised emissions from the installation in the preceding 24 months.	07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon

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Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	05/12/2018

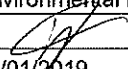
Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	809 m3 day	05/12/2018

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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The dates of any unauthorised emissions from the installation in the preceding 24 months.	04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emssions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon

Permit and introductory note: the PPC Regulations
Schedule 1 - Notification of abnormal emissions

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Schedule 1 - Notification of abnormal emissions

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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	14/12/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	816.35 m3 day	14/12/2018

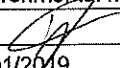
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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	02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	14/12/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (hourly)	Treated Effluent	34.0 m3 hourly	14/12/2018

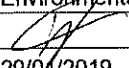
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

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Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
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Permit and introductory note: the PPC Regulations
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	30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	19/12/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (hourly)	Treated Effluent	34.1 m3 hourly	19/12/2018

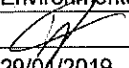
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	19/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids

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	23/09/17 -- Contractor HGV collision resulting in fuel spill 13/04/17 -- W1 Emission of Mineral oil and hydrocarbon 30/03/17 -- S1 Emission of Mineral oil and hydrocarbon 02/03/17 -- W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	19/12/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	819.53 m3 daily	19/12/2018

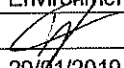
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent hourly flow 01/11/18- Exceedance of treated effluent daily flow 30/10/18- Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 - W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 - Contractor HGV collision resulting in fuel spill

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	13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	22/12/2018

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	801.1 m3 daily	22/12/2018

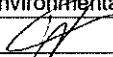
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	19/12/18- Exceedance of treated effluent daily flow 19/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18-Exceedance of treated effluent hourly flow 01/11/18-Exceedance of treated effluent daily flow 30/10/18-Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and

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	suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	03/01/2019

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (hourly)	Treated Effluent	34.6 m3 hourly	03/01/2019

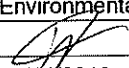
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	03/01/19- Exceedance of treated effluent daily flow 22/12/18- Exceedance of treated effluent daily flow 19/12/18- Exceedance of treated effluent hourly flow 19/12/18- Exceedance of treated effluent daily flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent daily flow 30/10/18- Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH

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	17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	03/01/2019

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	829.59 m3 daily	03/01/2019

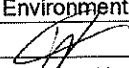
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	22/12/18- Exceedance of treated effluent daily flow 19/12/18- Exceedance of treated effluent hourly flow 19/12/18- Exceedance of treated effluent daily flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent hourly flow 01/11/18- Exceedance of treated effluent daily flow 30/10/18- Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons

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	02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	08/01/2019

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	815.28 m3 daily	08/01/2019

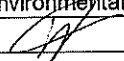
Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	03/01/19- Exceedance of treated effluent daily flow 03/01/19- Exceedance of treated effluent hourly flow 22/12/18- Exceedance of treated effluent daily flow 19/12/18- Exceedance of treated effluent hourly flow 19/12/18- Exceedance of treated effluent daily flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent hourly flow 01/11/18- Exceedance of treated effluent daily flow 30/10/18- Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH 01/05/18- Emission to Air refrigerant R448a

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	03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	Effluent Treatment Plant (ETP)
Time and date of the emission	23/01/2019

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Flow (daily)	Treated Effluent	803.05 m3 daily	23/01/2019

Measures taken, or intended to be taken, to stop the emission	This submission has been detected after the date of the emission.
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Part B

Any more accurate information on the matters for notification under Part A.	A fault in the reporting of the flow rates from the Scada from November to December. Manual daily readings were being taken but this data did not indicate exceedances.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review of flow equipment and procedures to ensure the results of the automated flow volumes are and recorded and reported more consistently and timely.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	08/01/19- Exceedance of treated effluent daily flow 03/01/19- Exceedance of treated effluent daily flow 03/01/19- Exceedance of treated effluent hourly flow 22/12/18- Exceedance of treated effluent daily flow 19/12/18- Exceedance of treated effluent hourly flow 19/12/18- Exceedance of treated effluent daily flow 14/12/18- Exceedance of treated effluent hourly flow 14/12/18- Exceedance of treated effluent daily flow 05/12/18- Exceedance of treated effluent daily flow 04/12/18- Exceedance of treated effluent daily flow 07/11/18- Exceedance of treated effluent hourly flow 07/11/18- Exceedance of treated effluent daily flow 02/11/18- Exceedance of treated effluent daily flow 01/11/18- Exceedance of treated effluent hourly flow 01/11/18- Exceedance of treated effluent daily flow 30/10/18- Spill Incident in the Diesel Refuelling Area 05/09/18 - W1 Emission of Mineral oil and hydrocarbon 05/08/18 - Emissions to Air refrigerant R404A 29/07/18- Emission to Air refrigerant R448a 26/07/18- S1 - Emission exceedance Hydrocarbons 19/07/18- S1 - Emission exceedance pH

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	01/05/18- Emission to Air refrigerant R448a 03/05/18- S1 - Emission exceedance pH 17/05/18- S1 - Emission exceedance Hydrocarbons 02/02/18 – W1 Emission of Mineral oil and hydrocarbon and suspended solids 23/09/17 – Contractor HGV collision resulting in fuel spill 13/04/17 – W1 Emission of Mineral oil and hydrocarbon 30/03/17 – S1 Emission of Mineral oil and hydrocarbon 02/03/17 – W1 Emission of Mineral oil and hydrocarbon
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Name*	Matt Dight
Post	Environmental Manager
Signature	
Date	29/01/2019

* authorised to sign on behalf of 2 Sisters Red Meat Ltd