



This form will report compliance with your permit as determined by an Environment Agency officer

Site	Peckfield Landfill		Permit Ref	BU9726IH		
Operator/ Permit holder	CAIRD PECKFIELD LIMITED					
Date	23/04/2024		Time in	10:00	Out	12:40
What parts of the permit were assessed	Engineering					
Assessment	Site Inspection	EPR Activity:	Installation	X	Waste Op	Water Discharge
Recipient's name/position	Alex Hornshaw/Director, Sam Juggins/TCM					
Officer's name	Kelly Hudson, JP Camus, N Ngwenya, G Cotton		Date issued	24/04/2024		

Section 1 - Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations (EPR). A detailed explanation and any action you may need to take are given in the "Detailed Assessment of Compliance" (section 3). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our [Compliance Classification Scheme](#) (CCS). CCS scores can be consolidated or suspended, where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your [local office](#).

Permit Conditions and Compliance Summary			Condition(s) breached
a) Permitted activities	1. Specified by permit	N	
b) Infrastructure	1. Engineering for prevention & control of pollution	O	
	2. Closure & decommissioning	N	
	3. Site drainage engineering (clean & foul)	N	
	4. Containment of stored materials	N	
	5. Plant and equipment	N	
c) General management	1. Staff competency/ training	N	
	2. Management system & operating procedures	N	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
d) Incident management	1. Site security	N	
	2. Accident, emergency & incident planning	N	
e) Emissions	1. Air	N	
	2. Land & Groundwater	N	
	3. Surface water	N	
	4. Sewer	N	
	5. Waste	N	
f) Amenity	1. Odour	N	
	2. Noise	N	
	3. Dust/fibres/particulates & litter	N	
	4. Pests, birds & scavengers	N	
	5. Deposits on road	N	
g) Monitoring and records, maintenance and reporting	1. Monitoring of emissions & environment	N	
	2. Records of activity, site diary, journal & events	N	
	3. Maintenance records	N	
	4. Reporting & notification	N	
h) Resource efficiency	1. Efficient use of raw materials	N	
	2. Energy	N	

KEY: C1, C2, C3, C4 = CCS breach category (* suspended scores are marked with an asterisk),
A = Assessed (no evidence of non-compliance), N = Not assessed, NA = Not Applicable, O = Ongoing non-compliance – not scored
MSA, MSB, TCM = Management System condition A, Management System Condition B and Technically Competent Manager condition which are environmental permit conditions from Part 3 of schedule9 EPR (see notes in Section 5/6).

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
If the Total No Breaches is greater than zero, then please see Section 3 for details of our proposed enforcement response			

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- the part(s) of the permit that were assessed (e.g. maintenance, training, combustion plant, etc)
- where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- any non-compliances identified
- any non-compliances with directly applicable legislation
- details of any multiple non-compliances
- information on the compliance score accrued inc. details of suspended or consolidated scores.
- details of advice given
- any other areas of concern
- all actions requested
- any examples of good practice.
- a reference to photos taken

This report should be clear, comprehensive, unambiguous and normally completed within 14 days of an assessment.

This Compliance Assessment Report (CAR) has been completed following the announced site meeting by Kelly Hudson (Regulatory Specialist), accompanied by JP Camus (Technical Specialist). Nonny Ngwenya (Environment Officer), shadowed by Gemma Cotton (Environment Officer), attended the field adjacent to the Southern boundary of the site, in order to undertake sampling.

We were met onsite by Alex Hornshaw (Director), Sam Juggins (TCM), Vernon Philips (planned to take over the running of the site during the restoration phase), CQA Inspector from Torus.

The purpose of this site meeting was to discuss remediation of poorly capped areas and leachate accumulations at the boundary of the site.

A Code B Notice of Powers and Rights (No. 58203) was given to Alex Hornshaw upon arrival on site.

Items discussed:

- Site access roads.
- Leachate ponding on Easterly and Southern boundaries.
- Future placement of regulating layer and geomembrane.
- Remediation of capping on plateau of the site.
- 11a capping anchor trench.

Site Access Roads

Work on improving site access roads continues. Progress with this work continues to be hindered by wet ground conditions and continuing inclement weather.

There are two access roads that are necessary to be installed or improved on site. These are:

- Road running around the Northern side of the site and
- Road on the Southern boundary of the site, towards Cell 11a.

Access is the main issue, which needs to be resolved in order to progress the completion of capping, remediation works identified during previous inspections and placement of restoration soils.

Leachate ponding

There are two areas of ponding leachate.

- On the Southern boundary and at the low point of the adjacent field
- On the Eastern boundary to the South of the Eastern Neb.

The source of the leachate appears to be liquid draining from beneath the cap in the area of Cell 11a, via the incomplete capping anchor trench.

The operator is in the process of installing a pump to remove leachate from the Southern boundary pumping,

into the leachate collection system. It was further requested that steps are taken to collect leachate from the adjacent field for safe disposal offsite.

Action:

The operator is required to confirm in writing the method by which the offsite leachate is to be collected and an indicative timescale. This is to be received within 5 working days of receipt of this report.

Discussions of the collection of the leachate on the Eastern boundary focused on using a vacuum tanker and tractor, which is subject to the completion of the site access road.

Action:

After further consideration, we would request that the operator considers installing a compressed air leachate pump to as an alternative, to draw the leachate from the ponding on the Eastern boundary into the leachate collection system.

11a Capping Anchor Trench

The leachate ponding at the locations described above has been observed to be draining from the capping anchor trench in Cell 11a. The anchor trench has previously been identified as not having been backfilled as required by Permanent Capping Works 2013 Engineering Specification, referenced 411-01042-00004 and dated August 2013 (“the Engineering Specification”).

The anchor trench can only be backfilled and completed once suitable access roads have been constructed into the area of Cell 11a. This will be when restoration soils are being placed above the cap.

Action:

- **As discussed, the operator is requested to submit details of the design of the anchor trench. This is to include reports and photographs of the construction.**

Future Placement of Regulating Layer and Geomembrane

Future placement of regulating layer beneath the cap are to be constructed from soils sources currently being delivered to the site. These soils are in principal acceptable but will require large particles and stone inclusions removed by handpicking once placed.

Progressing the placement of soil regulating layer is subject to improvements to the access road, to allow access to the base of the slopes.

As required by the Engineering Specification, any 'industrial, commercial or domestic waste' must not be included in the regulating layer. No material containing or comprising wholly of trommel fines are to be used in the regulating layer.

Geomembrane placement cannot be progressed until suitable soils based regulating layers have been spread and compacted into place. Currently there is no suitable compaction plant available on site to complete this work.

Action:

- The operator should procure suitable compaction plant for compaction of the regulating layer.

Remediation of Capping on Plateau of the Site

An area of capping on the plateau of the site has been identified as not being completed in accordance with the Engineering Specification. This is primarily due to the underlying regulating layer being saturated and not fit for purpose. Also, there are numerous punctures and tears in the membrane, which will require repair.

Proposals for the remediation were discussed and include;

- Cutting holes in the membrane to create drainage sumps.
- Removal of ponding leachate under the capping membrane.
- Inspection of underlying regulating layer to assess suitability and undertake remediation/replacement where appropriate.
- Removal of damaged membrane and replacement panels deployed.
- Installation of scavenger gas collection pipework to manage landfill gas ballooning the membrane.

Action:

- **The operator is requested to provide a written proposal for the sequence of remediation of these areas. The proposals should include odour management measures and propose practices that minimise the area of trommel fines and waste that are left exposed at the end of each working day.**

Future Communications

For the foreseeable future, we request that the CQA Inspector contact the Regulatory Officer, Kelly Hudson, by telephone every Monday and Thursday.

The purpose of these telephone conversations are to discuss plans for the coming week and progress on site.

Section 3- Enforcement Response

Only one of the boxes below should be ticked

You must take immediate action to rectify any non-compliance and prevent repetition. Non-compliance with your permit conditions constitutes an offence* and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

**Non-compliance with MSA, MSB & TCM do not constitute an offence but can result in the service of a compliance, suspension and/or revocation notice.*

Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.	
In respect of the above non-compliance you have been issued with a warning. At present we do not intend to take further enforcement action. This does not preclude us from taking additional enforcement action if further relevant information comes to light or offences continue.	
We will now consider what enforcement action is appropriate and notify you, referencing this form.	X

Section 4- Action(s)

Where non-compliance has been detected and an enforcement response has been selected above, this section summarises the steps you need to take to return to compliance and also provides timescales for this to be done.

Criteria Ref.	CCS Category	Action Required / Advised	Due Date
See Section 1 above			

Section 5 - Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- advise on corrective actions verbally or in writing
- require you to take specific actions in writing
- issue a notice
- require you to review your procedures or management system
- change some of the conditions of your permit
- decide to undertake a full review of your permit

Any breach of a permit condition is an offence* and we may take legal action against you.

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and or suspension or revocation of the permit.
- A civil sanction Enforcement Undertaking (EU) offer may also be available to you as an alternative enforcement response for this/these offence(s).

See our Enforcement and Civil Sanctions guidance for further information

**A breach of permit condition MSA, MSB & TCM is not an offence but may result in the service of a notice requiring compliance and/or suspension or revocation of the permit.*

This report does not relieve the site operator of the responsibility to

- ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- ensure you comply with other legislative provisions which may apply.

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance which could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

MSA, MSB & TCM are conditions inserted into certain permits by Schedule 9 Part 3 EPR

MSA requires operators to manage and operate in accordance with a written management system that identifies and minimises risks of pollution.

MSB requires that the management system must be reviewed, kept up-to-date and a written record kept of this.

TCM requires the submission of technical competence information.

Section 6 – General Information

Data protection notice

The information on this form will be processed by the Environment Agency to fulfill its regulatory and monitoring functions and to maintain the relevant public register(s). The Environment Agency may also use and/or disclose it in connection with:

- offering/providing you with its literature/services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Information Regulations request.

The Environment Agency may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The Environment Agency will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within 28 days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

A permit holder can challenge any part of the CAR form by writing to the Environment Agency office local to the site within 28 days of receipt. If the issue cannot be resolved by the local office, a permit holder may request an appeal of the regulatory decision by emailing enquiries@environment-agency.gov.uk within 14 days of receipt of the outcome.

If you are still dissatisfied, you can make a complaint to the Ombudsman. For advice on how to complain to the Parliamentary and Health Service Ombudsman phone their helpline on 0345 015 4033.