

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

Enovert South Limited

**Tir John Landfill Site
Wern Fawr Road
Off Fabian Way
Swansea
SA1 8LN**

Variation number

EPR/VP3935AT/V007

Permit number

EPR/VP3935AT

Tir John Landfill Site

Permit number EPR/VP3935AT

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation notice adds 15 waste codes to the permit:

Waste code	Description
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	Coal fly ash
10 01 03	Fly ash from peat and untreated wood
10 03 20	Flue-gas dust other than those mentioned in 10 03 19
10 09 08	Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 10 03	Furnace slag
10 10 06	Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
15 01 06	Mixed packaging
18 01 04	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 08 01	Screenings
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01

There are no changes to the permitted annual capacity, waste handling and storage, or waste storage volumes as a result of this variation. The acceptance of these new waste types at the landfill site does not require additional engineering procedures to be in place.

All of the additional waste types requested by the Operator to be added to the permit are considered as suitable for acceptance at a non-hazardous landfill site, subject to appropriate waste acceptance and control measures being in place. Seven of the new waste types to be added to the permit are listed within Waste Classification Technical Guidance WM3 as Mirror non-hazardous entries (MN). An updated Waste Acceptance Control Procedure has been added to Table S1.2 Operating Techniques.

The schedules specify the changes made to the original permit.

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

Status log of the permit

Description	Date	Comments
Application received TP3935LA/A001 (PAS Ref CP3635PQ)	30/04/2004	Application for Non-Hazardous Landfill
Permit refused	17/01/2005	
Appeal lodged	14/07/2005	
Permit Issued TP3935LA	12/10/2007	Permit Issued to Swansea City Waste Disposal Limited
Variation Application TP3935LA/V002 (PAS Ref WP3433XR)	25/10/2007	
Variation determined	09/11/2007	
Variation Application (EPR/TP3935LA/V003)	01/11/2011	Admin variation to add waste codes
Variation determined	09/01/2012	
Application EPR/TP3935LA/V004 (variation and consolidation)	Duly made 22/06/2012	Application to vary to change the design of cells 16 and 17, amend leachate heads, update groundwater compliance limits, and update the permit to modern conditions
Variation determined EPR/TP3935LA	02/09/2013	Varied and consolidated permit issued in modern condition format
Transfer Application EPR/LP3635EY/T001	Duly Made 20/10/2013	Transfer application with no change in management
Transfer Determined	28/02/2014	New permit number EPR/LP3635EY
Application EPR/VP3935AT/T001 (full transfer of permit EPR/LP3635EY)	Duly made 26/06/2015	Application to transfer the permit in full to Cory Environmental (Gloucestershire) Ltd and incorporate minor variations regarding pre-settlement issues
NRW initiated variation (EPR/VP3935AT/V002)	Received 26/06/2015	NRW initiated variation to correct minor errors detected in the previous consolidation
Transfer determined EPR/VP3935AT	30/09/2015	Full transfer of permit complete
NRW initiated variation (EPR/VP3935AT/V002)	30/09/2015	Permit issued to Cory Environmental (Gloucestershire) Limited
Variation application EPR/VP3935AT/V003	Duly Made 04/01/2018	Administrative variation to change the operator's name on the permit
Variation determined EPR/VP3935AT/V003	20/02/2018	Variation of permit complete
Variation application EPR/VP3935AT/V004	Duly Made 31/01/2019	Minor technical variation to amend improvement conditions

Variation determined EPR/VP3935AT/V004	26/04/2019	Variation issued
Variation application EPR/VP3935AT/V005	Duly Made 16/09/2019	Administrative variation to change the site address postcode
Variation determined EPR/VP3935AT/V005	20/09/2019	Variation issued
Variation application EPR/VP3935AT/V006	Duly Made 26/02/2020	Application to change company registered address
Variation determined EPR/VP3935AT/V006	06/03/2020	Variation issued
Variation application EPR/VP3935AT/V007	Duly made 21/10/2021	Application to add 15 EWC waste codes (in Table S2.1) to permit
Variation determined EPR/VP3935AT/V007	11/11/2021	Variation notice issued to Enovert South Limited

Other Part A installation permits relating to this installation

Operator	Permit number	Date of issue
Enovert South Limited	EPR/BP3738LS	22/12/2006

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number
EPR/VP3935AT

issued to:
Enovert South Limited (“the operator”)

whose registered office is

**3-5 Greyfriars Business Park
Frank Foley Way
Stafford
England
ST16 2ST**

company registration number **02664840**

to operate a regulated facility at

**Tir John Landfill Site
Wern Fawr Road
Off Fabian Way
Swansea
SA1 8LN**

to the extent set out in the schedules.

The notice shall take effect from 11/11/2021.

Signed	Date
Holly Noble	11/11/2021

Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator:

Table S1.2 Operating Techniques is amended and replaced with the following:

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1, 2.2, 2.3, 2.4, 2.5, 2.7, 2.8, 2.9, 2.11 and 3.1 in Part B of the Application Form, where relevant as superseded by the Appeal documentation.	30 April 2004
Appeal Documentation	Letter from Jacob Babbie dated 19 April 2006, reference 0007755/SJM/117	19 April 2006
Appeal Documentation	Letter from Jacob Babbie dated 19 April 2006, reference 0007755/SJM/117.	19 April 2006
Improvement Condition submission, (Table 1.3, Ref IC9)	Letter from Jacobs dated 12 th November 2007 (reference: B0775500/PPC1010/001). - Updated monitoring results records.	2 nd December 2007
Site Protection Monitoring Plan	Jacobs Report and attachments: Design of Site Protection and Monitoring Programme for Tir John Landfill Site, Swansea City Waste Disposal Company Limited Date: December 2007(Document Reference: B0775500/PPC1011/R01)	11 th December 2007
Improvement Condition submission, (Table 1.3, Ref IC5)	Report from Jacobs, Dated February 2008, (Reference B0775500/PPC1005/RevB) – Leachate Management Plan	11 th February 2008 (Approved 19/5/08)
Crymlyn Bog SAC protection plan	Jacobs Report: Crymlyn Bog SAC Protection Plan Dated: February 2008, (Document Reference: B0775500/PPC1 013/R01/RevB)	11 th February 2008
Pre- Operational Submission (Table S1.4, Ref 1)	Report from Jacobs, Dated 14 November 2008, (Reference B0775500/PPC1002/R01/RevD – Surface Water Management Plan (Rev D)	14 th November 2008
Improvement Condition submission, (Table S1.3 Ref IC1)	Report from Jacobs, Dated 14 November 2008, (Reference B0775500/PPC1007/R01/RevC – Perimeter Catch Ditch Management and Monitoring Plan (Rev c)	14 th November 2008
Ecological Monitoring Plan	Jacobs Report: Ecological Monitoring Plan: Consultation Draft (Rev A) Date: 10 th July 2009 (Document Reference: B1160000/OP005/R01/RevA)	17 th July 2009
Pre- Operational Submission (Table S1.4, Ref 2)	Letter from Jacobs Table S1.4a Pre-Operational Measure, Reference 2, (Reference B1160000/SJM/61 – Dated 28th August 2009), Including attachments to the letter. Installation of new boreholes	28 th August 2009
Assessment of current leachate management infrastructure Cells 5 to 14	Jacobs Report: Tir John Landfill Site Leachate Management and Collection Infrastructure Inspection Report Dated: May 2009	8 th May 2009

Table S1.2 Operating techniques

Description	Parts	Date Received
Pre- Operational Submission (Table S1.4, Ref 3) Relating to Cell 15	Letter from Jacobs – Dated 7 th December 2007 (Reference B0775500/SJM/147) – outlining initial proposals to discharge pre-operational condition 3	7 th December 2007
	Jacobs Report: CQA Plan for the Preliminary Development Platform for Cell 15 (Reference B0775500/ENG/R04, dated May 2008).	May 2008
	Letter from Jacobs - Dated 8 th July 2008 (Reference B0775500/SJM/194).	8 th July 2008
	Letter from Jacobs - Dated 23 rd July 2008, (Reference B0775500/SJM/197) – settlement proposals for Cell 15.	23 rd July 2008
	Letter from Jacobs - Dated 8 th August 2008 (Reference B0775500/SJM/202) Cell 15 settlement and undercell groundwater monitoring provisions.	8 th August 2008
	Letter from Jacobs - Dated 27 th January 2009 (Reference B1160000/SJM/02) Preliminary development platform for Cell 15 - settlement.	27 th January 2009 (note: letter was incorrectly dated 2008)
	Email from Jacobs – Dated 10 th March 2009 – Settlement update and attachments.	10 th March 2009
	Jacobs Report: Cell 15 Earthworks Design Ground Settlement Report – Dated May 2009 (Reference: B1160000/CAP004/01Rev0).	May 2009
	Letter from Jacobs - Dated 17 th July 2009 (Reference B1160000/CD/RKS/SJM/052) Cells 12 and 14 – Location of Leachate Extraction Wells (based on settlement calculations). Includes Cell 15 Waste Emplacement Plan	17 th July 2009
	Email from Jacobs – Dated 12 th October 2009 – Decommissioning of settlement monitoring Cell 15 platform.	12 th October 2009
Phase 1 Hydrogeological Risk Assessment Report	All	10 th July 2011
Phase 1 Hydrogeological Risk Assessment: Addendum Report	All	25 th June 2012
Application EPR/TP3435LA/V004	Accident Management Plan, Revision 1, dated March 2012	30 th March 2012
	Closure and Aftercare Plan, Revision 0, dated March 2012	30 th March 2012
	Working plan document for site Management and Control, Section 4 – Waste Acceptance and Operational Procedures, Revision 3 dated March 2012	30 th March 2012
	Permit Management System Manual, Revision 2, dated March 2012	30 th March 2012
	Monitoring Management Plan, Revision 1, dated March 2012	30 th March 2012
	Nuisance Risk Assessment and Management Plan, Revision 0, dated March 2012	30 th March 2012
	Gas Management Plan – Infinis Input, dated 12/12/11	30 th March 2012
	Gas Management Plan, Revision 1, dated March 2012	30 th March 2012
	Surface Water Management Plan, Revision 0, dated March 2012	30 th March 2012
Conceptual Model, Environmental Setting, and Installation Design Report	30 th March 2012	

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Leachate Management Plan, Revision 0, dated March 2012 (excluding sections: 1.4.1 (iv); 1.5.11 (reference to "recirculation"); 1.8.2 (reference to "recirculation") & sections 1.5.13 to 1.5.18)	30 th March 2012
	Stability Risk Assessment Cells 16 and 17, dated March 2012	30 th March 2012
	Hydrogeological Risk Assessment for Cells 16 and 17, dated March 2012.	30 th March 2012
	Phase 1 Hydrogeological risk Assessment Addendum Report dated June 2012	25 th June 2012
Not duly made response	Jacobs Letter - Reference B1160001/CAP020/SJM/01 dated 30 th May 2012	31 st May 2012
Not duly made response	Jacobs Letter - Reference B1160001/SJM/005 dated 31 st May 2012	01 st June 2012
Not duly made response	Jacobs Letter - Reference B1160001/SJM/008 dated 22 nd June 2012	25 th June 2012
Schedule 5 notice	Response to Schedule 5 request for further information, dated November 2012 – all parts	30 th November 2012
Schedule 5 notice	Response to Schedule 5 request for further information, dated December 2012 – all parts	28 th December 2012
Pre-Settlement Waste Profile	Drawing Reference: B1160001/TP3935LA/EPVA/ESID 1B. Rev2. dated 26 th March 2013, revised 15 th April 2013.	15 April 2013
Permit variation application EPR/VP3935AT/ V004	Design and construction of leachate extraction wells, drawing TJD17.	31 January 2019
Permit variation application EPR/VP3935AT/ V007	Waste Acceptance and Control Procedure (SHE-OP-200 Rev: 4.2)	21 October 2021

Table S2.1 Permitted Waste Types is amended and replaced with the following:

Table S2.1 Permitted waste types	
Maximum waste throughput quantity	360,000 tonnes per annum
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	Wastes from mineral excavation
01 01 02	Wastes from mineral non-metalliferous excavation
01 04	Wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	Waste sand and clays
01 04 12	Tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	Wastes from pulp, paper and cardboard production and processing
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
10	WASTES FROM THERMAL PROCESSES
10 01	Wastes from power stations and other combustion plants (except 19)
10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	Coal fly ash
10 01 03	Fly ash from peat and untreated wood

10 02	Wastes from the iron and steel industry
10 02 01	Wastes from the processing of slag
10 02 02	Unprocessed slag
10 03	Wastes from aluminium thermal metallurgy
10 03 20	Flue-gas dust other than those mentioned in 10 03 19
10 09	Wastes from casting of ferrous pieces
10 09 08	Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 10	Wastes from casting of non-ferrous pieces
10 10 03	Furnace slag
10 10 06	Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	Packaging (including separately collected municipal packaging waste)
15 01 06	Mixed packaging
17 01	Concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 05 08	Track ballast other than those mentioned in 17 05 07
17 06	Insulation materials and asbestos-containing construction materials
17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 09	Other construction and demolition wastes
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01	Wastes from natal care, diagnosis, treatment, or prevention of disease in humans
18 01 04	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTEWATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	Wastes from incineration or pyrolysis of waste
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
19 02	Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 05	Wastes from aerobic treatment of solid wastes
19 05 03	Off-specification compost
19 08	Wastes from wastewater treatment plants not otherwise specified
19 08 01	Screenings

19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	Minerals (for example sand, stones)
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	Wastes from soil and groundwater remediation
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	Separately collected fractions (except 15 01)
20 01 08	Biodegradable kitchen and canteen waste
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 40	Metals
20 02	Garden and park wastes (including cemetery waste)
20 02 01	Biodegradable waste
20 02 02	Soils and Stones
20 02 03	Other non-biodegradable wastes
20 03	Other municipal wastes
20 03 01	Mixed municipal waste
20 03 02	Waste from markets
20 03 03	Street-cleaning residues
20 03 04	Septic tank sludge
20 03 06	Waste from sewage cleaning
20 03 07	Bulky waste

Schedule 3 – conditions to be added

None