

TTF Improvement Programmes Update

Updated On: 11.08.2021

Ref.	Requirement	By When	Status	Status Update
26	Submission of a report, by a suitably qualified person approved by the Authority prior initiation, related to a review of the performance of the facility against the conditions in this permit and the Waste Incineration BAT conclusions (as per CID 2019/2010/EU). and submission of details of procedures/plans to be developed for achieving and demonstrating compliance with permit conditions. The plan shall also include: a) A comprehensive air emission improvement strategy b) A proposal for execution of implementation measure identified in a) including timeframes.	Within 4 months of the granting of the permit		WasteServ has reached out to consultants locally and abroad and is currently collecting and reviewing bids.
27	The submission of a decommissioning plan in relation to the existing autoclave boiler and the associated LPG tank including details of how it shall be disassembled in an environmentally safe manner and waste disposed of in accordance with applicable regulations.	Within 8 months of granting of the permit		WasteServ shall be enagaging a REWS competent person to compile a decommissioning plan as part of the Autoclave Boiler Tender SPD8/2021/050.
28	Registration of the replacement autoclave boiler in line with S.L. 549.122 following the decommissioning the existing boiler as per Improvement programme item 27.	By Q4 2021		This will be carried out in the future following successful commissioning of autoclave boiler.
29	a) Submission of an addendum to the land & groundwater risk assessment to take into consideration the recent fire incident	a) With 1 month of granting of the permit		WasteServ raised a purchase order with ADI (which were the original authors of the land and ground water risk assessment). Work is to commence in the coming weeks. WasteServ is kindly requesting that the target date of this item is amended to read first week of October 2021.
	b) Submission of a method statement for monitoring	b) With 2 months following the approval of a)		Pending on 29 a).
	c) Submission of a baseline report in conformity with Articles 16(2) and 22 of the Industrial Emissions Directive, 2010/75/EU following submission of the implementation of the monitoring in line with the approved method statement.	c) As agreed upon with the Authority		Pending on 29 b).
30	a) Submission of a finalized plan for the upgrades listed Approved DOC IP0004/07/C/DOC1.	a) Within 3 months of granting of the permit		WasteServ is still finalising details with contractor and shall be in a position to finalize plan in the coming weeks. Futhermore, a Request for Variation shall be submitted to ERA to include the mitigation measures indicated.

	b) Notification of installation and commissioning of odour abatement equipment as per Approved DOC IP0004/07/C/DOC1 (for the listed improvements on the waste marshalling area (4), chemical scrubber or ionizer (7) and tallow silos vents (8) including the submission an application for variation/s to this IPPC permit.	b) Within the timeframe agreed with the Authority following implementation of a)		Pending on 30 a).
31	a) The submission of a method statement on surrogate parameter odour monitoring	a) Within 2 months of the granting of the permit		Following recent queries by ERA, WasteServ reverted back to the Authority (on 27.07.2021) with the necessary clarifications.
	b) The submission of monitoring results of the first sampling episode of testing.	b) Within the timeframe agreed by the Authority		Dependant on 31 a).
32	a) Submission of a revised odour management plan aimed at identifying sensitive receptors around the installation	a) Within 2 months from the granting of the permit		Dependant on 31 b)
	b) Submission of a revised odour management plan following: i) the submission of the first sampling episode of surrogate parameter monitoring test results. ii) Implementation of improvement programme item 30.	bi) Within 2 months from the submission of the first sampling episode bii) Within 12 months from the granting of the permit		Dependant on the above.
33	Submission of revised as-built site drainage layout plans differentiating between clean rainwater, sewage and trade effluent cleared by the Water Services Corporation and the Planning Authority.	Within 5 months from the granting of this permit		WasteServ is coordinating this task with Projects Department and a site drainage layout shall be completed in the coming weeks.
34	Implementation of automatic wastewater monitoring equipment on the WWTP outlet reservoir to monitor quality prior to discharge to sewer.	Within 12 months from the granting of this permit		WasteServ contacted WSC in order to establish which parameters to monitor continuously. WasteServ is now liasing with potential contractors who are interested in carrying out this project.
35	Certification from a competent company or engineer that the relevant fire safety procedures and equipment are in place, including emergency firefighting water supplies for use by the Civil Protection department.	Within 3 months of issue of permit		Works on this item are ongoing.
36	a) Submission of a performance test to calculate the boiler efficiency based on FDBR RL 7: Acceptance Testing Of Waste Incineration Plants With Grate Firing Systems.	a) Within 9 months of granting of the permit		WasteServ shall be engaging an external qualified engineer to conduct this testing.
	b) Depending on the results of the performance test in a) above, submission comprehensive review of the options available for improving the boiler efficiency may be requested by the Authority.	b) As agreed upon with the Authority		Dependant on 36 a).

37	Submission of a report for the calibration and verification testing of the performance of continuous emission monitoring (CEMS) (for the parameters with a specified frequency of monitoring marked as continuous in table 2.2.6) in line with the requirements of EN 14181, specifically the requirements of QAL1, QAL 2 and QAL 3. The report shall also include details of the certifiable range of the CEMS.	Calibration report shall be submitted within four weeks of completion of calibration exercise		The report shall be finalised by the end of October 2021.
38	Submission of a risk assessment to determine whether additional firewater retention capacity is required.	Within 5 months from the date of granting of this permit		Works on this item are ongoing.
	Subject to findings and recommendation of a), the Permit Holder shall prepare and implement a suitable risk management programme.	Within the timeframe agreed with the Authority		Dependant on 38 a).
39	a) Submission of a risk-based OTNOC Management Plan as required by BAT 18 in the Waste Incineration BREF. The plan shall include a list of scenarios considered to represent OTNOC and the associated proposed techniques to reduce associated emissions to air and water during each of the OTNOC scenarios identified.	a) Within 4 months from the date of granting of the permit		Works on this item are ongoing.
	b) Shall submit a proposal for monitoring during OTNOC events identified under a)	b) Within 2 months from completion of a)		Dependant on 39 a).
40	Submission of a start-up and shut-down plan setting out the necessary steps to be taken by the Permit Holder during such operations to ensure that all appropriate preventative measures against pollution are taken and to limit as far as practicable start-up and shut-down operations.	Within 6 months of granting of the permit		Works on this item are ongoing.
41	Notification of installation and operation of the auxiliary burner.	Within 18 months of granting of the permit		Works on this item are ongoing.