



**Request for Renewal of
IP 0001/06 (IPPC Permit for
Ghallis)**

Consolidated Application

June 2012

ANNEX 1

IP 0001/06
Ghallis Non-Hazardous Waste Landfill
Condition 3.13 - Improvement Programme
Status - May 2012

No.	Reference	Requirement	Date	Compliance
1	Several	Review and confirmation of a holistic environmental monitoring programme related to the operation of the site (groundwater, coastal water monitoring locations, gaseous emissions and ambient air quality)	To be submitted within 1 month from issue of permit.	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.
2	1.1.2 (Diagram GH5/1 and GH 5/4F)	Clearly define height of bunds	To be submitted within 1 month from issue of permit.	Submitted
3	1.2.26	Trigger levels for dioxins, PAHs and heavy metals	All details to be provided within 1 month of issue of permit. Contingency plans which will be put into effect when the trigger level is reached are to be submitted within 6 months.	Holistic environmental monitoring programme including trigger levels for dioxins, PAHs and heavy metals submitted in April 2009 and approved in November 2009.
4	2.3.22	Performance parameters for leachate treatment off-site	To be submitted within 1 month of issue of permit.	Not applicable at this stage.

5	2.3.33	A construction quality assurance of the leachate monitoring boreholes	To be submitted within 1 month of issue of permit.	Information on the construction quality assurance of leachate monitoring boreholes is included in CQA reports for the different phases of the landfill construction.
6	2.3.34, 2.3.37, 2.3.38	Run off monitoring and parameters	Details of system monitoring (volume, meteorological conditions and quality), number and location of points, sampling procedure and equipment, methodology and all other relevant information to be provided within 1 month of issue of permit.	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.
7	2.3.34	Surface water Master Plan	The engineered details for the surface water drainage system and other relevant information is to be submitted within 1 month of issue of permit.	Submitted

8	2.3.34	Topographical survey	The detailed topographical survey carried out in August 2006 is to be submitted within 1 month of issue of permit.	Submitted
9	2.3.35	Flood action plan	To be provided within 1 month of issue of permit.	Submitted with application
10	2.3.38	Soil monitoring	Number and location of points, sampling procedure and equipment, parameters and all other relevant information to be communicated within 1 month of issue of permit.	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.

11	2.3.46/2.3.48	Landfill gas management plan	<p>All information requested in this section of the IPPC application and that related to the operation and maintenance of the gas flare is to be submitted within 6 months of issue of permit.</p> <p>Submitted as part of the closure plan.</p>
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12	2.3.46/2.3.48	Construction quality assurance of all in-waste monitoring points and perimeter boreholes. Background of parameters to be monitored during operation of flare.	<p>To be submitted within 1 month of construction of boreholes. Details of parameters to be monitored when flare is in operation, together with the sampling and monitoring methodologies as well as their detection limits to be submitted within 1 month of issue of permit so as to commence immediately the monitoring for background levels prior to construction of flare. NOTE: The operation of the gas flare is not permitted in this IPPC permit.</p> <p>Information on the construction quality assurance of all in-waste monitoring boreholes is included in CQA reports for the different phases of the landfill construction.</p>	
13	2.3.63	Contingency plan related to landfill gas monitoring	<p>To be submitted within 6 months of issue of permit.</p> <p>Holistic environmental monitoring programme including trigger levels for dioxins, PAHs and heavy metals submitted in April 2009 and approved in November 2009.</p>	

14	2.3.66	Inspection and maintenance contract		To be submitted within 6 months of issue of permit.	Submitted to MEPA in June 2009 as part of reply to memorandum on compliance with permitting issues dated 19th May 2009.
15	2.3.75	Odour monitoring points		Submit a diagram showing odour monitoring points within 1 month of issue of permit.	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.
16	2.3.75	Odour monitoring		Within 6 months	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.
17	2.3.87	Submission of noise monitoring plan		Submit a diagram showing noise monitoring points within 1 month of issue of permit.	Holistic environmental monitoring programme submitted in April 2009 and approved in November 2009.
18	2.5.5	Final version of closure plan		Within 1 month	Information submitted to MEPA in June 2009 as part of reply to memorandum on compliance with permitting issues dated 19th May 2009.

19	4.4.7	Further updates regarding continuous professional development of employees	To be submitted within 6 months of issue of permit	Submitted to MEPA in June 2009 as part of reply to memorandum on compliance with permitting issues dated 19th May 2009.
20	4.1.2 – 4.1.21	Submission of environment management system	To be submitted within 6 months of issue of permit	In progress.
21	4.1.1	A tipping design for Ghallis	To be submitted within 1 month of issue of permit	Information submitted to MEPA in June 2009 as part of reply to memorandum on compliance with permitting issues dated 19th May 2009.