

2017



2017

Construction and Demolition Debris Facility License

License Expires December 31, 2017

Facility: Rumpke Waste Inc New Baltimore C&DD Landfill CID: 54307 6950 River Rd New Baltimore, OH 45030	Applicant: Rumpke Waste, Inc. 10795 Hughes Road Cincinnati, OH 45251
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This license has been issued in accordance with the requirements of state law, is subject to revocation or suspension for cause, and is not transferable without the consent of the Board of Health and the Director of the Ohio Environmental Protection Agency.

Licensing Authority: Hamilton County Public Health

Conditions of Licensure

The Licensee hereunder, its agents, employees, and all others in active concert with said licensee, including the facility owner and operator, shall be subject to and shall comply with the following conditions of the this license:

1. All applicable requirements of Ohio Revised Code Chapters 3714., 3734., 6111., and 3704.
2. All applicable requirements of Ohio Administrative Code Chapters 3745-37, 3745-400, and Rule 3745-520-50.
3. Plans, other authorizing documents and administrative and judicial orders applicable to this facility and as approved by the Ohio Environmental Protection Agency and/or the licensing authority.
4. By applying for and accepting this license, the licensee specifically consents in advance and agrees to allow the Director, the Health District, or an authorized representative, to enter upon the licensee's premises at any reasonable time during the construction and/or operation of the facility for the purpose of inspecting, conducting tests, collecting samples, or examining records or reports pertaining to construction, modification, installation, or operation of the facility. The licensee hereby acknowledges and agrees that any and all rights of access granted herein shall not be deemed to be unreasonable or unlawful under Ohio Revised Code Sec. 3714.08.

The licensee, its agents, employees, and all others in active concert with said licensee shall maintain and operate the construction and demolition debris facility to which the license pertains in a sanitary manner so as not to create a nuisance, create a fire hazard, cause or contribute to water pollution, or create a health hazard. This license shall not be construed to constitute a defense to any civil or criminal action brought by the State of Ohio or any duly authorized representative thereof to enforce the provisions of Chapters 3714, 3734, 3767, 6111, or 3704 of the Ohio Revised Code, or the rules adopted thereunder.

Issuance of this license does not relieve the licensee of the duty to comply with all applicable federal, state, and local laws, regulations and ordinances.

If Checked, Additional Conditions Apply to This License (See Back, or Attachment)

Timothy J. Ingram

Health Commissioner

December 29, 2016

Date Issued

Hamilton County General Health District



PREVENT. PROMOTE. PROTECT.

Timothy I. Ingram
Health Commissioner

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New Baltimore (CID:54307) Construction and Demolition Debris Landfill 6950 River Road, Harrison, Ohio, 45030

2017 Special Terms and Conditions

License Summary

This summary is an attachment to the issuance of the 2017 License for New Baltimore C&DD Landfill. (Facility). The Facility is owned and operated by Rumpke Waste, Inc. The Facility received its 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 and 2016 licenses. The Facility is defined within a 25.67 acre plot in Crosby Township, Hamilton County.

Inspections

The Facility has been inspected by Hamilton County General Health District (Health District) 26 times during the fourth quarter of 2015 and the first three quarters of 2016 (October 1, 2015 through September 30, 2016). The inspections were conducted on the following dates:

4TH QUARTER 2015		1ST QUARTER 2016	
10/7/15	11/30/15	1/7/16	2/24/16
10/16/15	12/8/15	1/12/16	3/16/16
11/12/15	12/14/15	1/29/16	3/23/16
11/20/15		2/11/16	
2ND QUARTER 2016		3RD QUARTER 2016	
4/13/16	5/24/16	7/7/16	8/11/16
4/28/16	6/1/16	7/25/16	9/2/16
5/18/16	6/8/16	8/1/16	9/14/16

Groundwater

The facility is currently in assessment monitoring which was initiated in November 2014. The facility is sampling under Groundwater Quality

Assessment Plan – Revision 3 dated April 2016. A round of groundwater sampling was conducted by the facility with a report of results dated August 16, 2016. Those results are being forwarded to Ohio EPA for review

This summary is provided solely for informational purposes and does not constitute a part of, or otherwise affect, the attached license.

Modification

With the 2017 license application and formally on November 17, 2016, the facility submitted a design modification which required 3 exemptions pursuant to OAC 3745-400-15(D). The modification is an overall improvement to the 2012 modification. The proposal included extending the concrete driveway approximately 60' and include a sloped depression which will serve as an emergency spillway for the on-site sediment pond in contingency for a 100 year flood event. This modification is approved, with the exemption approval by order under separate cover.

Special License Terms and Conditions

- 1) Groundwater monitoring will be conducted as outlined in the Groundwater Quality Assessment Plan dated November 2014 or as otherwise amended and approved by Ohio EPA.
- 2) The facility shall provide courtesy copies of groundwater related correspondence/reports to the Health District.

Note: If the facility has entered into an agreement or been issued director's final findings and orders with respect to groundwater monitoring, those orders supersede this condition.

- 3) The Facility shall follow the Fire Prevention Plan as submitted and approved by the Health District (received January 2003 and updated on February 15, 2007 and September 2013). The exposed combustible waste materials will be completely covered at the end of every month with noncombustible material. Cover shall be reapplied in the former working face areas as necessary to prevent exposure of C&DD materials.
- 4) The Health District is to be notified in writing before the Facility intends to accept any fly ash, bottom ash, or spent foundry sand. The notification shall include the origin of the material and toxic characteristic leaching procedure results when appropriate. The Health District will notify the Facility of the Health District's approval in writing.

- 5) The Facility shall continue to pick solid waste from the unloading zone prior to pushing into the working face. All solid waste received by the Facility is to be rejected, removed, and properly disposed. Debris that has been spread, compacted, and buried or partially buried will be considered accepted for disposal.
- 6) The Facility shall submit the financial assurance instrument in accordance with OAC 3745-400-13 and OAC 3745-400-25.
- 7) The Facility shall remove and properly dispose of solid waste containers to avoid causing a nuisance or health hazard. Full containers of solid waste shall be removed from the facility within 7 days.
- 8) The Facility shall monitor the landfill for standing water and re-grade to promote positive drainage.
- 9) In order to demonstrate compliance with OAC-3745-400-11(B)(2), and in accordance with OAC-3745-400-11(D), the Facility shall install and/or maintain professionally surveyed markers that clearly delineate the Active License Disposal Area (ALDA) as approved for the facility's current license year. The number of markers and materials used must be acceptable to the Health District. For example, painted bollard poles or 2'x2'x6' concrete blocks marking the corners of the ALDA with intermediate posts or stakes providing a line-of-sight boundary line would be acceptable. Surveyed marker coordinates are to be recorded and submitted to the Health District.
- 10) The Facility will immediately notify the Health District in the event of any fire or other abnormal situation involving the landfill by calling 513-946-7879.
- 11) The Facility shall submit an updated survey of elevations. The drawing must satisfy Ohio Administrative Code (OAC) Chapter 3745-400-07(G)(1)(a) with current debris elevations overlaid by the designed final grade of the limits of debris placement. Any exceedance of current elevation over the designed final grade shall be clearly indicated in color highlight (isopach). Electronic drawings with layers in PDF format are preferred. Surveys conducted in the years 2016 or 2017 will be accepted. The drawing must show date of survey. The drawing may be submitted prior to or with the 2018 license application. This is being required under OAC Chapter 3745-37-02 (A)(3).
- 12) The 2009 Modification request was granted with the following conditions, which were identified in the 10-23-09 NOD response letter from Bowser Morner:

- A. Any backfilling under condition (11)(B) of these terms of fine grained soils into standing water will be problematic with respect to stability (compaction) of the fill. Should fine grained soils (silts and/or clays) be used for backfill below the water table, they must be placed dry (e.g., removal of ground water from the excavation prior to placement).
- B. Excavated soil from the facility will be used only for landfill operations such as capping of the landfill, vegetative cover, and soil cover. Without a mining permit, sale of excess soil material is prohibited.
- C. To ensure sound engineering methods, a certification report(s), for the construction of structural berms composed of clean hard fill, shall be completed and submitted to the Health District in accordance with OAC 3745-400-08(A)(2) **and** Appendix B and C of the 10-23-09 Response to the 2009 License Modification Notice of Deficiencies. These are areas that were redesigned in the modification to increase the overall fill height and maintain a maximum overall 25% slope.
- D. All subsequent berms along the south side of the limits of waste placement will be completed and documented with a formal certification report in compliance with the applicable terms and conditions of the operating license and/or as specified in this letter.

End of Special Terms and Conditions