



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

August 14, 2018

Celina Sanitary Landfill, Inc.
6141 Depweg Road
Celina, OH 45822

**Re: Celina Sanitary Landfill
Permit - Long Term
Approval
Municipal Solid Waste Landfills
Lorain County
MSW018816**

Subject: Final Permit to Install Application for Celina Sanitary Landfill

Dear Madam or Sir:

The Ohio Environmental Protection Agency, pursuant to Ohio Administrative Code Rule 3745-27-02 and the rules adopted thereunder, has reviewed the application for a permit with accompanying detail plans, specifications and/or information (hereinafter referred to as "application") regarding the above-referenced facility. This application has been approved by the Director subject to the conditions of compliance contained in the permit approval enclosed herewith and with all applicable laws, rules and standards. All construction must be supervised by an engineer or expert qualified in such work. Because the permit approval contains conditions of compliance, I urge you to read it carefully. Also inclosed is a Response to Comments.

You are requested to submit within thirty (30) days of the date of issuance of this Permit to Install, the required permit fee balance of six hundred dollars (\$1000.00 - \$400.00 application fee = \$600.00), payable to **Treasurer, State of Ohio**. Please send the required payment to:

Ohio Environmental Protection Agency
Permit to Install Fee
Dept L-2711
Columbus, OH 43260-2711

Payment of the fee balance within 30 days is a requirement of ORC Sections 3745.11 (Q) and (V). Failure to timely submit the required permit fee will result in an assessment of late penalties.

You are hereby notified that this action of the Director of Ohio EPA (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

If you have any questions, please contact the Ohio EPA District Office to which you submitted your application.

Sincerely,



Gregory Nichols,
Division of Materials and Waste Management

Enclosure

ec: Jeremy Carroll, DMWM, CO
Scott Hester, DMWM, CO
Mary McCarron, PIC
Heather Lauer, PIC
Mike Reiser, DMWM, NWDO
Andy Drumm, DMWM, NWDO
Applicable Health District

OHIO ENVIRONMENTAL PROTECTION AGENCY

PERMIT TO INSTALL

Application Number: 1215087
Application Received: February 8, 2018
Permit Fee: \$1,000.00
Permit Fee Balance: \$600.00

Applicant: Celina Sanitary Landfill, Inc.
Address: 6141 Depweg Rd.
Celina, Ohio 45822

Facility: Celina Sanitary Landfill
Address: 6141 Depweg Rd.
Celina, Ohio 45822

Location: Franklin Township, Section 6

Permit: Vertical Expansion


Issuance Date: AUGUST 14, 2018

Ohio EPA AUG 14 '18
Entered Directors Journal

Effective Date: AUGUST 14, 2018

The above-named entity is hereby issued a permit-to-install (permit) for the above-described source pursuant to Ohio Administrative Code (OAC) Rule 3745-27-02. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed and/or modified in accordance with the plans, specifications, and/or information accompanying the permit application, the above-described source of environmental pollutants will operate in compliance with applicable state and federal laws, rules, and regulations, and does not constitute expressed or implied assurances that, if constructed and/or modified in accordance with those plans, specifications, and/or information accompanying the permit application, the above-described source of environmental pollutants will be granted the necessary operating permits and/or licenses. This permit is issued subject to the attached conditions which are hereby incorporated and made a part hereof.

Ohio Environmental Protection Agency



Craig W. Butler, Director

PERMIT SUMMARY

This permit (PTI Number 1215087) authorizes the vertical expansion of the approved limits of waste placement at Celina Sanitary Landfill (Facility), an existing municipal solid waste landfill located at 6141 Depweg Road, Celina, Ohio in Mercer County. Celina Sanitary Landfill, Inc., a subsidiary of Republic Services, Inc., is the PTI Applicant and the owner and operator of the Facility.

Specifically, the permit authorizes a vertical expansion of approximately 145,557 cubic yards (cy) of airspace on the west and center cell area of the existing landfill. The owner/operator will forgo 323,517 cy airspace previously approved in the 2006 PTI on the east side of the landfill and leave the existing cap from the 1994 permit in place. The proposed expansion volume will provide disposal service for approximately 4.12 years at the average gate waste receipt of 52,000 tons/year or 1.65 years at the current AMDWR of 499 tons/day.

The proposed expansion will incorporate into its construction such features as a surface water management system, a ground water monitoring system, a passive gas venting and monitoring system, a composite final closure cap system, and 30 years of post-closure care and financial assurance for closure and post-closure care.

Leachate is currently collected by the existing separatory liner/leachate collection system which directs leachate to the center cell sump. The leachate is then pumped to leachate storage tanks and hauled to the Mercer County Sanitation waste water treatment plant (WWTP).

A passive gas venting system exists for the Facility that is designed to vent landfill gas out of the landfill.

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

PERMIT CONDITIONS

1. The Director of the Ohio Environmental Protection Agency (Director), or an authorized representative, may enter upon the premises of the above-named applicant (permittee) at any reasonable time during construction and operation for the purpose of making inspections, conducting tests, or examining records or reports pertaining to the construction, modification, or installation of the above-described source of environmental pollutants (municipal solid waste disposal facility).

2. The Facility shall be constructed in strict accordance with the plans, specifications, and information submitted to the Ohio Environmental Protection Agency (Ohio EPA) which constitute this permit. There shall be no deviation from the approved permit or permit conditions without the express, written approval of Ohio EPA. Any deviation from the approved permit or the permit conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the Facility will operate in compliance with all Ohio laws and regulations. Additional landfill components shall be installed upon orders of Ohio EPA if the Facility is inadequate or cannot meet applicable standards.
3. Issuance of this permit does not relieve the permittee of the duty to comply with all applicable federal, state, and local laws, ordinances, and regulations.
4. This permit shall apply only to the Facility shown on the plans, specifications, and information submitted as part of PTI Number 1215087, received February 8, 2018, with subsequent revisions through August 3, 2018.
5. This permit may be modified, or alternatively revoked and reissued by the Director of Ohio EPA, to comply with any revisions to OAC Chapter 3745-27 applicable to this municipal solid waste disposal facility.
6. The permittee shall provide for the proper maintenance and operation of the Facility in accordance with the provisions of OAC Chapter 3745-27.
7. Nothing in this permit shall be construed to authorize any waiver from the requirements of any applicable federal or state laws or regulations except as specified herein. This permit shall not be interpreted to release the permittee from responsibility under ORC Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of contaminants to the environment.
8. This permit does not authorize the acceptance of any hazardous or infectious wastes, except those excluded from hazardous waste or infectious waste regulation by ORC Chapter 3734.
9. This permit does not authorize the acceptance of any asbestos or asbestos-containing waste material that is subject to the provisions of NESHAP, 40 CFR Part 61, Subpart M. No such asbestos or asbestos-containing waste material may be accepted without the necessary permits from Ohio EPA.

10. Not later than seven (7) days prior to starting any construction authorized under this permit, the permittee shall submit to Ohio EPA, Division of Materials and Waste Management (DMWM), Northwest District Office (NWDO) and Mercer County Health District written notification of the anticipated construction start date so that construction of the Facility can be routinely inspected by Ohio EPA, DMWM, NWDO and Mercer County Health District.
11. The permittee shall perform the following activities during construction and operation of the Facility in accordance with the cited provisions of OAC Chapter 3745-27 as follows:
 - a. The pre-construction tests required by OAC Rule 3745-27-08(D) shall be performed and the test results submitted to Ohio EPA, DMWM, NWDO not later than seven (7) days prior to the intended use of the materials in construction.
 - b. The pre-construction interface tests required by OAC Rule 3745-27-08(G) shall be performed and the test results submitted to Ohio EPA, DMWM, NWDO not later than seven (7) days prior to the use of each geosynthetic material authorized by this permit.
 - c. The construction certification report required by OAC Rule 3745-27-08(H) shall be submitted to Ohio EPA, DMWM, NWDO and Mercer County Health District not later than forty-five (45) days prior to the anticipated date of waste receipt in any newly constructed areas. Pursuant to OAC Rule 3745-27-19(C)(1), the permittee shall not accept waste in a phase until Ohio EPA, DMWM, NWDO provides written concurrence of the construction certification report for that phase.
12. The permittee shall provide for the following inspections and facility maintenance:
 - a. The permittee shall provide for daily inspection of the Facility and completion of the Municipal Solid Waste Landfill Daily Log of Operations, Form 3. Written results of the inspections, including any corrective actions taken, shall be made available to Ohio EPA, DMWM, NWDO and/or Mercer County Health District upon request.
 - b. Surface water control structures, including sedimentation ponds, sedimentation pond discharge structures, pipes, ditches, and culverts, shall be inspected at least weekly for erosion, clogging, or failure and prompt corrective action shall be taken if necessary. Written results of the inspections, including a discussion of any corrective actions taken, any water quality samples taken, and the date and weather conditions, shall be

recorded on the required daily log forms. The information shall be maintained on site and submitted to Ohio EPA, DMWM, NWDO and/or the Mercer County Health District, upon request.

- c. A sediment survey for each sedimentation pond shall be completed on a yearly basis, and the results from the survey shall be submitted to Ohio EPA, DMWM, NWDO, not later than April 1 with the annual operation report.
 - d. To ensure proper operation of the sedimentation pond(s), the pond(s) shall be cleaned out as necessary when the volume of the settled particles necessitates cleaning based on inspection results or to maintain the storage volume required by OAC Rule 3745-27-08(D)(3). The South and West Sedimentation Ponds shall be cleaned out to their original bottom elevations when the average sediment elevations reach 882.5 feet and 881.0 feet, respectively, based on the design calculations provided in the permit application.
- 13. Construction certification reports for any constructed or repaired engineered component of the Facility shall be submitted to Ohio EPA, DMWM, NWDO, not later than April 1 of the year immediately following the construction or repair, unless otherwise extended by Ohio EPA.
 - 14. The permittee shall construct and fill the landfill in accordance with the 6-series drawings submitted as part of the PTI application and shall commence construction of the final cap system in accordance with the 6-series drawings, regardless of whether or not the entire phase has reached final elevations.
 - 15. Ohio EPA, DMWM, NWDO, shall be notified not later than 2 days prior to any soil sampling or scheduled repair at the site and not later than 24 hours after completing any emergency repair to an existing engineered component. This condition shall not apply to routine landfill maintenance.
 - 16. The permittee shall not store leachate in the landfill without written authorization from the Director as described in OAC Rule 3745-27-19(K)(4). The permittee shall be viewed to be storing leachate if the leachate accumulates to an elevation above the design standard (a maximum of one foot of head above the top elevation of the sump) and the sump pump is not running.
 - 17. The permittee shall fund a new financial assurance instrument or increase the amount listed on the existing financial assurance instrument in accordance with OAC Rules 3745-27-15, 3745-27-16, and 3745-27-17 for the current cost estimates of the facility, including the costs for the newly authorized disposal area.

Funding shall be completed not later than 30 days after the effective date of this permit to install.

18. The Facility's AMDWR is established to be 499 tons. The permittee shall not accept more than 499 tons of solid waste per day for disposal at the Facility.
19. A summary of each month's daily waste receipts and leachate generation volumes shall be submitted to Ohio EPA, DMWM, NWDO by the 15th day of the following month. The summary report shall include the day of the month with the corresponding tonnage and types of waste received for that day. In addition, the summary report shall include the monthly totals of in-district and out-of-district waste received for each category of the reported waste streams. The report shall also provide information regarding leachate transported off-site, including the date of transport, the volume transported, and the destination of the transported leachate.

END OF PERMIT CONDITIONS