



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

December 14, 2018

Bartholomew County Solid Waste Management Authority
Attn: Heather Siesel, Director
720 South Mapleton Street
Columbus, Indiana 47201

Dear Ms. Siesel:

Re: Solid Waste Land Disposal Facility
Permit Renewal
Bartholomew County Landfill II
Solid Waste Program ID 03-08
Bartholomew County

Bartholomew County Solid Waste Management Authority's permit renewal for the Bartholomew County Landfill II is approved. You, the permittee, must comply with Indiana's rules for solid waste land disposal facilities (329 IAC 10) and the terms of this permit. Your attention to the requirements for managing, containing, and disposing of waste and leachate protects public health and the environment in your community. Please feel free to contact us or your compliance inspector if you have any questions.

This permit will expire on **November 30, 2023**. To operate past this date, you must submit a renewal application on or before **August 2, 2023**.

The facility is a municipal solid waste landfill with approximately 86.7 acres approved for filling. It is located at 811 East CR 450 South, Columbus.

The facility revised the landfill slopes in this renewal, resulting in an increase in permitted airspace from 11,116,000 cy to 11,580,500 cy.

Public records for your facility are available in IDEM's Virtual File Cabinet at www.in.gov/idem. Documents related to this approval include the application dated March 23, 2018 (VFC #80636282), and supplemental information dated April 5, 2018 (VFC #80642615).

You can review the Indiana Code (IC) and the Indiana Administrative Code (IAC) references in this document at iga.IN.gov. IC references are under the "Laws" link; IAC references are under the "Publications" link.

This permit does not: convey any property rights of any sort or any exclusive privileges; authorize any injury to any person or private property or invasion of other private rights or any infringement of federal, state, or local laws or regulations; or preempt any duty to comply with other state or local requirements (329 IAC 10-13-4(a)).

Please note, as the owner or operator of this facility, and owner of the land upon which it is located, you are liable for any environmental harm caused by the facility (329 IAC 10-13-4(b)).

If you do not comply with the requirements of this permit, IDEM may modify or revoke this permit (329 IAC 10-13-6) or initiate an enforcement action.

If you wish to appeal this decision, you must file a request for administrative review with the Office of Environmental Adjudication within 18 days after the postmark of this letter. The enclosed Notice of Decision and Guide to Appeals Process notifies you of additional important details regarding the appeal process and your rights and responsibilities for filing an adequate and timely appeal.

If you have any questions, please contact Kate Garvey, the Permit Manager assigned this facility, by dialing (317) 233-5552 directly, or by e-mail at KRGarve@idem.IN.gov.

Sincerely,



Rebecca Eifert Joniskan, Chief
Solid Waste Permits Branch
Office of Land Quality

Enclosures: Permit Requirements
Notice of Decision
Guide to Appeals Process
Letter to the The Republic
Letter to the Bartholomew County Library

cc with enclosures: Bartholomew County Health Department
Bartholomew County Commissioners
Bartholomew County Solid Waste Management District
Director, Southeast Regional Office
Mayor, City of Columbus
President, Clifford Town Council
President, Edinburgh Town Council
President, Elizabethtown Town Council
President, Hartsville Town Council
President, Hope Town Council
President, Jonesville Town Council

PERMIT REQUIREMENTS

- A. General Permit Requirements**
- B. Construction Requirements**
- C. Preoperational Requirements**
- D. Operational Requirements**
- E. Gas Emission Control and Monitoring**
- F. Ground Water Monitoring Requirements**
- G. Storm Water Monitoring Requirements**
- H. Closure Requirements**
- I. Post-Closure Requirements**
- J. Financial Responsibility for Closure and Post-Closure**

A. GENERAL PERMIT REQUIREMENTS

- A1. The permittee must comply with 329 IAC 10 except where alternative specifications or requirements are noted in approved plans or this permit.
- A2. The permittee must construct, operate, and maintain the solid waste land disposal facility (facility) as described in the approved plans and specifications. The permittee must request approval before modifying the facility or facility operating procedures. The permit modification application requirements are in 329 IAC 10-11. Application forms are available from the Solid Waste Permits Section at the address listed in Requirement A4.

Certain insignificant modifications defined in 329 IAC 10-2-97.1 are eligible for the streamlined notification or approval procedures described in 329 IAC 10-3-3.

- A3. The permittee must call **(888) 233-7745** (IDEM's emergency response line) as soon as possible after learning of any event that may cause an imminent and substantial endangerment to human health or the environment, such as a reportable spill (327 IAC 2-6.1) or a fire or explosion that requires the response of the local fire department.

The permittee must submit a written report to the Solid Waste Permits Section at the address given in Requirement A4 within five business days after the event. The report must describe the event, and actions taken or planned to correct the event and prevent its recurrence.

- A4. Unless otherwise noted, submittals must be sent to the permit manager assigned to your facility at the following address:

**Indiana Department of Environmental Management
Office of Land Quality
Solid Waste Permits
IGCN 1101
100 North Senate Avenue
Indianapolis, IN 46204-2251**

Please provide five copies printed double-sided. We greatly appreciate an electronic copy in Acrobat PDF format on CD or DVD, in place of one of the printed copies.

- A5. The permittee must submit quarterly tonnage reports (329 IAC 11-14-1) through the Re-TRAC Connect website: <https://connect.re-trac.com/>. An account is already set up for you to submit this information. To obtain your login credentials, please e-mail olqregulatoryreporting@idem.IN.gov with your permit number and contact information.

- A6. The permittee must pay the following annual operation fees if the facility is permitted on January 1 of the billing year (IC 13-20-21-4 and -8), in accordance with the following daily tonnages:

Tons Per Day	Fee
> 500	\$35,000
240-499	\$15,000
100-249	\$7,000
< 100	\$2,000

IDEM is required to invoice this fee by January 15 of each year (IC 13-20-21-8). Payments can be made as described on the invoice.

B. CONSTRUCTION REQUIREMENTS

- B1. The permittee must comply with 329 IAC 10-17 (Construction Requirements).
- B2. The permittee must notify IDEM in writing at least 15 days before constructing a new area.
- B3. The permittee must test and install all liner and final cover components as specified in:
- a. The approved Construction Quality Assurance and Construction Quality Control (CQA/CQC) Plan, revised April 2001 (VFC #18974951, pages 57-94), and
 - b. The applicable requirements of 329 IAC 10-15-7 and 329 IAC 10-17, except as otherwise noted in this permit.
- B4. The permittee must construct the base grades for the facility as shown on Drawing titled "Sheet 7 of 16, Subgrade Plan (Synthetic Liner Grades)", dated March 28, 2018 (VFC #80636282).
- B5. The permittee must verify all leachate collection pipes and sumps are free of obstructions before placing waste in a newly constructed area.
- B6. Upon selecting the specific materials for the composite liner and the final cover systems, the permittee must test the materials to verify that the interface friction values meet or exceed the values in the approved design (See the CQA/CQC requirements in 329 IAC 10-17). If the tests show that the interface friction values do not achieve the minimum factor of safety in 329 IAC 10-15-8, the permittee must select and test alternate materials and rerun the slope stability analysis.
- B7. The permittee must install boundary markers for each new area.

C. PREOPERATIONAL REQUIREMENTS

- C1. The permittee must submit a certification of completion including a construction certification report (CCR) certified by an Indiana registered professional engineer at least 21 days before placing waste in any newly constructed area. The submittal must certify that the newly constructed area complies with the preoperational requirements in 329 IAC 10-27-1 and with approved plans and specifications. The CCR must also include the following:
- a. Boundaries of the certified area
 - b. Results of all tests conducted during construction
 - c. Results of the interface friction tests and any new slope stability analyses, if applicable
 - d. Documentation that all leachate collection pipes and sumps are free of obstructions

Unless notified otherwise by IDEM, the facility may begin to accept waste in a newly constructed area 21 days after IDEM receives the documents listed above.

D. OPERATIONAL REQUIREMENTS

- D1. The permittee must comply with 329 IAC 10-20 (Operational Requirements).
- D2. The permittee must maintain the site benchmark throughout the entire life and post-closure care period of the facility.
- D3. The permittee must maintain permanent visible facility and solid waste boundary markers for the life of the facility.
- D4. The permittee must only accept waste generated in Bartholomew County.
- D5. The permittee must limit solid waste disposal to the areas delineated by the solid waste boundary line shown on drawing titled "Sheet 8 of 16, Final Grade Plan", dated March 2018 and received with the permit renewal application dated March 28, 2018 (VFC #80636282).
- D6. The permittee must meet the following requirements regarding leachate storage at the facility:
- a. Maintain an adequate leachate storage capacity during the landfill operation and the post-closure period to ensure proper operation of the leachate collection system and compliance with 329 IAC 10-20-20. Leachate collection system and sump areas located within the waste disposal units are not considered towards leachate storage capacity.

- b. Maintain the leachate level in the sumps and manholes at or below the approved depth noted in the permit application and record the leachate levels in the operating record to verify the leachate head in the landfill at or below one foot.
 - c. Operate leachate storage in an environmentally safe manner.
 - d. Implement the facility's Leachate Contingency Plan, dated February 1997 (VFC #19086605) within 24 hours after detecting non-compliance with 329 IAC 10-20-20.
- D7. The permittee must meet the following requirements regarding leachate sampling, analysis and reporting:
- a. Conduct leachate sampling and analysis as required by the wastewater treatment plant or other leachate disposal facility, as applicable, and maintain the results in the facility's operating record.
 - b. On or before March 1 of each year, submit to IDEM a report for the leachate generated the previous year using the enclosed "Leachate Generation and Recirculation Report" or a similar report developed by the permittee.
 - c. Include in the submittal a summary report on leachate recirculation operational performance indicating any problems that may have occurred during the past year, such as excessive leachate ponding, odors, leachate seeps, surface leachate run-off, and remediation steps taken to correct problems.
- D8. The permittee is approved to recycle leachate using the direct application method. The permittee must comply with 329 IAC 10-20-21 when recycling leachate except where alternative specifications or requirements are noted in approved plans titled "Leachate Recirculation Plan," dated February 1996 (VFC #27482412, pages 44-61) or this permit requirement.

The following requirements apply to all methods of leachate recycling:

- a. Each day, an operator must monitor areas where leachate recycling operations are in progress. The permittee must stop recycling leachate if leachate seeps or a system malfunction occurs until the problem is corrected.
- b. If leachate leaks or spills occur outside of the composite lined areas of the landfill or a spill containment pad, constructed in compliance with item g. of this requirement, the permittee must:
 - (1) Immediately remove leaked or spilled leachate.
 - (2) Excavate any soils contaminated by leachate and dispose of them within the working face of the landfill.

- c. The permittee must not use more than one leachate recycling method in the same location of the landfill at a time.
- d. The amount of leachate recycled must not exceed a ratio of 50 gallons per ton of waste deposited.
- e. The permittee must maintain, in the facility operating records, a daily log of the volume of leachate recycled. The permittee may maintain a bi-monthly log instead of the daily log if using a continuous flow meter to monitor the volume.
- f. During leachate recycling, the permittee must have a pump immediately available to pick up and transfer spills to the leachate holding tank.
- g. Unless the leachate pumping operation takes place over the composite lined portion of the landfill, filling of a portable leachate holding tank or a leachate recycling device must occur only on a concrete or compacted clay pad designed to contain and allow the recovery of spills.

The pad must:

- (1) Be constructed of concrete or 3 feet of compacted clay.
- (2) Follow the approved CQA/CQC plan
- (3) Be surrounded by a berm that is least 2 feet high and constructed of concrete or compacted clay.
- (4) Slope towards a collection point such as a sump or a trench to allow recovery of spilled leachate.
- (5) Have a hard surface suitable for driving.

The following requirements apply to the "Direct Application" method for leachate recycling:

- h. When using the direct application method, the permittee must spray leachate directly and uniformly onto the solid waste.
- i. The permittee must construct a run-off control berm at the downslope toe of the working face.
- j. The permittee must not use the direct application method when:
 - (1) It is raining.
 - (2) The National Weather Service forecast for rain is above 50 percent.
 - (3) Wind conditions would cause leachate to blow onto personnel.
 - (4) Cold temperatures would interfere with leachate recycling such as:
 - (a) The waste is frozen and cannot absorb leachate.
 - (b) The waste is frozen and leachate is running through the waste and ponding at the toe of the working face.
 - (c) The leachate recycling equipment is at risk of freezing and rupturing.

- D9. The permittee is approved to use alternative daily cover (ADC), subject to the requirements of 329 IAC 10-20-14.1 and the following conditions:
- a. The permittee must only apply ADC in areas of the landfill constructed with a leachate collection system and a composite liner system.
 - b. The permittee is approved to use only the following ADC materials:
 - (1) Geotextiles and tarpaulins
 - (2) Altered tires
 - (3) Wood chips
 - (4) Compost and soil mixtures
 - (5) Foundry sand
 - (6) Class A dewatered publicly owned treatment works (POTW) lude. (Class A is the only category allowed because of the potential for pathogen contamination of Class B sludge.)
 - (7) Dewatered Paper Sludge
 - (8) Materials excluded under 329 IAC 10-3-1(1)
- D10. The permittee must comply with all requirements of 329 IAC 10-20-19 and the Action Leakage Rate (ALR) and Leak Detection Plan, dated October 25, 1996 (VFC #18445895, pages 127-129), the revised plan for Phase 1, dated January 19, 2004 (VFC #18437858), the renewal addendum dated April 26, 2013 (VFC #68041539), and the revised plan for Phase 2 dated April 5, 2018 (VFC #80642615) for monitoring and assessing liquids in the lowermost drainage layer, the Leak Detection Zone (LDZ). The permittee must sample and analyze the liquids in the LDZ on a semi-annual basis.
- a. The approved ALR is 246.3 gallons per acre per day for Phase 1 and 214.6 gallons for Phase 2. For the first 2 years after completing construction, the approved ALR is 300 gallons per acre per day for each of phases 3, 4, 5, and 6. The permittee must submit a revised ALR for IDEM approval within 2 years after constructing each of phases 3, 4, 5 and 6. The permittee must revise the ALRs based on the volume of liquid collected in the LDZ and the semi-annual sampling results. The phase layout is depicted on Sheet 1 of 1 titled, "ALR Phases," dated April 2013 (VFC #68041539).
 - b. If an approved ALR is exceeded, the permittee must comply with the notification, assessment, sampling, reporting, and recordkeeping procedures required in 329 IAC 10-20-19.
 - c. The permittee must sample and analyze the liquid in the LDZ semi-annually for the following constituents: Chloride, sulfate, ammonia (as N), field pH, and field specific conductance for Phase 1 and Phase 2.

- d. The permittee must sample and analyze the liquids in Phases 3, 4, 5, and 6 LDZ for constituents listed in Tables 1A and 1B of 329 IAC 10-21-15 until the permittee submits and receives an approval for a specific leak detection plan for these phases.
- D11. The permittee must monitor and visually inspect the site at least twice a month for compliance with Rule 10 and this permit. The inspections must include the following: malfunctions and/or deteriorations of equipment and structures, operator errors, discharges, leachate outcroppings, visible portions of the leachate collection system, erosion control structures and drainage ditches as required in Requirement G11, monitoring wells and manholes, and run-off control structures. The permittee must keep the inspection records at the facility office for a period of at least three years. (329 IAC 10-20-28)

E. GAS EMISSION CONTROL AND MONITORING

- E1. The permittee must comply with 329 IAC 10-20-17 and 329 IAC 10-20-25 to control gas emissions.
- E2. The permittee must follow the Methane Monitoring Plan (MMP) dated February 9, 2009 (VFC #45791560).

If IDEM requests a revision, the permittee must submit a revised MMP for approval. The permittee must submit the revision within 60 days after receiving the request. This submittal must include one original paper copy and one PDF electronic file.

- E3. The permittee must comply with 40 CFR 60 subparts Cc and WWW New Source Performance Standards/Emission Guidelines Design Plan (NSPS/EG Design Plan) and 362 IAC 8-8.1, as applicable, in a manner that does not create a threat to human health and the environment. If it is determined the facility is required to submit a Gas Collection and Control System (GCCS) plan for approval, the permittee must submit a minor modification application to the Office of Land Quality (OLQ) at the address given in Requirement A4 and receive approval from OLQ for the GCCS plan.

F. GROUND WATER MONITORING REQUIREMENTS

- F1. The permittee must comply with 329 IAC 10-21 (Ground Water Monitoring Requirements).
- F2. The detection monitoring system includes the ground water monitoring wells: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-9. Ground water monitoring wells MW-1 and MW-2 are upgradient.
- F3. The permittee must perform detection monitoring in May and November of every year.

- F4. The permittee must follow the Sampling and Analysis Plan (SAP) and the Quality Assurance Project Plan (QAPjP) dated April 24, 2001 (VFC #18974951, pages 96-129).

If IDEM requests a revision, the permittee must submit a revised SAP or QAPjP for approval. The permittee must submit the revision within 60 days after receiving the request. This submittal must include one original paper copy and one PDF electronic file.

If the permittee makes design changes to the existing ground water monitoring system listed in Requirement F2, the permittee must submit a revised SAP or QAPjP for approval. The permittee must submit the revision within 30 days after completing all field activities associated with the design changes. This submittal must include one original paper copy and one PDF electronic file.

- F5. The permittee must follow the Statistical Evaluation Plan (StEP) dated September 21, 2018 (VFC #82620173).

If IDEM requests a revision, the permittee must submit a revised StEP for approval. The permittee must submit the revision within 60 days after receiving the request. This submittal must include one original paper copy and one PDF electronic file.

If the permittee makes design changes to the existing ground water monitoring system listed in Requirement F2, the permittee must submit a revised StEP for approval. The permittee must submit the revision within 30 days after completing all field activities associated with the design changes. This submittal must include one original paper copy and one PDF electronic file. The permittee must not implement the revised StEP before receiving approval.

- F6. No later than 60 days after each ground water monitoring event completed for Requirement F3, the permittee must submit the information in a ground water monitoring report to the IDEM Solid Waste Permits Section in one unbound paper copy and in one electronic PDF file. The report must include the following:

- a. One original unbound laboratory-certified report with analytical and field parameters results, field sheets, and chain-of-custody forms. The laboratory-certified report must include the following: detection limit for each chemical constituent, date samples collected, date the laboratory received the samples, date the laboratory analyzed the samples, date the laboratory prepared the report, method of analysis the laboratory used for each constituent, sample identification number for each sample, and results of all sample analyses.
- b. All information specified in Requirement F7 and a table summarizing the static water level measurement and the ground water elevations for each well and piezometer.

- c. Comments regarding ground water quality, recent notifications of any compliance issues related to a problematic well or piezometer, special field observations and procedures, and deviations from the SAP.
- d. One original unbound copy of the statistical evaluation report.

The permittee may mail the PDF copy and electronic data file specified in Requirement F7 on a CD-ROM or DVD. The permittee must clearly label the PDF copy and data file with the facility name and a brief description of the file. Alternatively, the permittee may e-mail the PDF copy and electronic data file to the IDEM Solid Waste Permits Section at the address listed in Requirement A4 and carbon copy olqdata@idem.IN.gov. The e-mail must include the facility name and a brief description typed in the e-mail's subject heading.

- F7. The permittee must submit one electronic data file of the analytical and field parameters results formatted as an ASCII, tab-delimited text file. The electronic data file must contain the facility's name, permit number, and the name of the analytical laboratory. Additionally, the file must include the fields listed below for the analytical results and the following field parameters: pH, specific conductance, dissolved oxygen, Eh, temperature, well depth, depth to water, and static water elevation.
- a. SamplingDate: month, day, and year (mm/dd/yyyy). Value should be formatted as a date if possible.
 - b. SamplePointName: names of monitoring wells, piezometers, leachate wells, surface water collection points, etc.
 - c. LaboratorySample ID: ID assigned to the sample by the laboratory.
 - d. SampleType: regular, duplicate(s), trip blank(s), equipment blank(s), field blank(s), verification re-sample(s), and replicate(s).
 - e. SpeciesName: chloride, sodium, ammonia, field pH, etc. The order of constituents is not critical. However, it is best to reflect the order that is on the laboratory-data sheets and keep all field data grouped together. Metals should indicate "dissolved" phase or "total" phase. Associated static water levels do not have their own header, but must be entered as "GW WaterLevel" under the header "SpeciesName." The actual elevations must be entered under the header "Concentration."
 - f. Concentration (results): The entry must be a number. Please do not enter text, such as "NA," "ND," or "<."
 - g. ConcentrationUnits: mg/l, µg/l, standard units for pH, degrees Celsius (°C) or degrees Fahrenheit (°F) for temperature, and umhos/cm for specific conductance.

- h. Detected: yes or no.
- i. DetectionLimit.
- j. AnalyticalMethods.
- k. EstimatedValue: Indicate "Yes" if the reported concentration is an estimated value. If a value recorded was not estimated, enter "No." If a concentration is estimated, use the "Comment" field to explain why the concentration was estimated.
- l. Comment: analytical laboratory and/or field personnel comments regarding the reported results.
- m. SampleMedium: ground water, leachate, surface water, etc.
- n. ProgramArea: Solid Waste.

Additional guidance on electronic data file submittals is available on IDEM's website at <http://www.in.gov/idem/landquality/2369.htm> or by e-mailing questions to olqdata@idem.IN.gov.

F8. At least 60 days before placing waste in Phases 3, 4, 5, and 6, the permittee must add the ground water monitoring wells as shown in Table 1 to the detection monitoring system (Requirement F2). Ground water sampling of the newly added wells in Table 1 must follow the Ground Water Monitoring Requirements in Section F of this permit.

Upgradient ground water monitoring wells MW-13 and MW-14 will return to the detection monitoring system before the permittee places waste in Phases 4 and 6, respectively, as specified in the Insignificant Modification dated February 1, 2011 (VFC #60811076).

Table 1

Before placing waste in disposal unit:	Add these wells to detection monitoring:
Phase 3	MW-10 and MW-11
Phase 4	MW-13
Phase 5	MW-12R, MW-15, and MW-16
Phase 6	MW-14

Within 15 days after adding the wells in Table 1 to the detection monitoring system, the permittee must submit a revised SAP and StEP, as specified in Requirements F4 and F5, respectively.

G. STORM WATER MONITORING REQUIREMENTS

- G1. The permittee must follow the Storm Water Pollution Prevention Plan (SWP3) dated June 2004 (VFC #18976408, #18979602, #18979603, #18979604, and #18979605), and revised June 14, 2013 (VFC #68513503 and #68513614) as required by 329 IAC 10-15-12.
- G2. The permittee must collect surface water from the facility using the drainage system described on Sheet 1 of 4, titled "Storm Water Pollution Prevention Plan," dated February 2013 (VFC #68513614) and the supplemental information dated June 14, 2013 (VFC #68513503 and #68513614), which conveys the water to the drainage areas identified as DA-01, DA-02, DA-03, DA-04, DA-05, and DA-06 and discharges through corresponding outlets 1, 2, 3, 4, 5 and 6.
- a. DA-01 receives drainage from the western portion of the disposal area and discharges into Sediment Basin #1.
 - b. DA-02 receives drainage from the northeast corner of the disposal area and discharges into Sediment Basin #2.
 - c. DA-03 receives drainage from the southeastern portion of the disposal area and discharges into Sediment Basin #3.
 - d. DA-04 receives drainage from the eastern portion of the disposal area and discharges into Sediment Basin #4.
 - e. DA-05 receives drainage from the paved site entrance road, truck scales, the small load drop-off area, the re-use facility, employee parking, a large vegetated soil stockpile, and a large undisturbed heavily vegetated area and discharges into Sediment Basin #5.
 - f. DA-06 receives drainage from the operating contractor's maintenance building, leachate storage basins, above ground fuel storage tanks, equipment wash pad, equipment parking, and employee parking and discharges into a grass-lined swale through a concrete sediment control structure near the northwest corner of the drainage area.
- G3. The permittee must sample the facility's sedimentation basins as required in 329 IAC 10-20-11(f). The permittee must also follow the sampling procedures in 327 IAC 15-6-7.3(a)(5) through (9) and monitor the parameters in 329 IAC 10-20-11(f)(1) at any other point where storm water exposed to industrial activity discharges to waters of the state.
- G4. No later than 60 days after completing each storm water monitoring event for Requirement G3, the permittee must submit the information required under 329 IAC 10-20-11(f) and (g) in a storm water monitoring report to the IDEM Solid Waste Permits Section in one unbound paper copy and in one electronic version in PDF format. The report must include the following:

- a. One original unbound laboratory-certified report with analytical and field parameters results, field sheets, and chain-of-custody forms. The laboratory-certified report must include the information required under 329 IAC 10-20-11(g)(1)(A) thru (H).
- b. All information specified in Requirement G5.
- c. Comments regarding storm water quality, problems noted, and special field observations and procedures, deviations from the SWP3, and elimination of any outlets or if new outlets were added. Also note the reasons why any of the outfalls listed in Requirement G2 were not sampled.

The permittee may submit the PDF copy and electronic data file specified in Requirement F6 on a CD-ROM or DVD. The permittee must clearly label the PDF copy and data file with the facility name and a brief description of the file. Alternatively, the permittee may e-mail the electronic data file to olqdata@idem.IN.gov. The e-mail must include the facility name and a brief description typed in the e-mail's subject heading. The permittee must note in the submittal to the IDEM Solid Waste Permits Section that the electronic data file has been sent separately to olqdata@idem.IN.gov.

- G5. The permittee must submit one electronic data file of the analytical and field parameters results formatted as ASCII, tab-delimited text file. The electronic data file must contain the facility's name, permit number, and the name of the analytical laboratory. Additionally, for each sample the file must include the field parameters pH and temperature, and the analytical results for the fields listed below:
- a. SamplingDate: month, day and year (mm/dd/yyyy). Value should be formatted as a date if possible.
 - b. SamplePointName: names of outfalls/outlets monitoring points, leachate well, storm water, surface water collection point, etc.
 - c. LaboratorySampleID: ID assigned to the sample by the laboratory.
 - d. SampleType: regular, duplicate(s), trip blank(s), equipment blank(s), field blank(s), verification re-sample(s) and replicate(s).
 - e. SpeciesName (analysis): total iron, ammonia, BOD₅, TSS, field pH, and total Phenolics, etc. The order of constituents is not critical. However, it is best to reflect the order that is on the laboratory-data sheets and keep all field data grouped together. Metals should indicate the "dissolved" phase or the "total" phase. Please indicate depth at which sample was taken if applicable.
 - f. Concentration (results): The entry must be a number. Please do not enter text such as "NA", "ND", or "<."

- g. ConcentrationUnits: mg/l, ug/l, (standard units) for pH, degrees Celsius (°C), or degrees Fahrenheit (°F) for temperature, and umhos/cm for specific conductance.
- h. Detected: yes or no.
- i. DetectionLimit
- j. AnalyticalMethods
- k. EstimatedValue: Indicate "Yes" if the reported concentration is an estimated value. If the value recorded was not estimated, enter "No." If a concentration is estimated, use the "Comment" field to explain why the concentration was estimated.
- l. Comment: analytical lab and/or field personnel comments regarding the reported results.
- m. SampleMedium: leachate, storm water, surface water, soil, sediments, air, waste, sludge or solids.
- n. ProgramArea: Solid Waste.

Additional guidance on electronic data file submittals is available on IDEM's website at www.IN.gov/idem/5384.htm or by e-mailing questions to olqdata@idem.IN.gov.

- G6. If the storm water monitoring results show that the SWP3 has been ineffective in controlling pollutants in storm water discharges from the facility, IDEM may require modification of the SWP3.
- G7. The permittee must update the SWP3 whenever there is a change at the facility that would significantly affect the storm water discharge authorized under the facility's permit, such as the addition/elimination of outfalls, sedimentation basins, etc., and changes to erosion control methods, such as additional control structures, etc. The permittee must submit the updated SWP3 to IDEM for approval to the address listed in Requirement A4 within 30 days after the change occurs. The permittee must also keep a copy of the updated plan on-site.
- G8. The permittee must notify IDEM of minor changes to the SWP3, such as management or administrative changes, at the address listed in Requirement A4 within 30 days after the changes occur. The permittee must also keep a copy of the updated plan on-site.
- G9. The permittee must retain all records and information resulting from the storm water sampling events for at least three years. This includes records of calibrations and maintenance for all instrumentation and analysis performed.

- G10. The permittee must conduct all land disturbance activities in compliance with required erosion/sedimentation control practices (329 IAC 10-20-12). The permittee may use the "Indiana Storm Water Quality Manual" dated October 2007 for guidance. This manual is available at www.in.gov/idem/stormwater/2363.htm.
- G11. The permittee must inspect the erosion and sedimentation control measures at the facility at least twice each month. This inspection must include all temporary and permanent erosion and sedimentation control structures including, but not limited to, drainage features, berms, dikes, outfall discharges, rip-rap, silt fences, vegetative cover, erosion control blankets or geotextiles, sediment traps and basins, pumps and sumps, culverts and on-site borrow pits. The permittee must maintain inspection records in the facility operating record (329 IAC 10-20-28).

H. CLOSURE REQUIREMENTS

- H1. The permittee must comply with 329 IAC 10-22 (Closure Requirements) and the facility's approved closure plan dated March 28, 2018 (VFC #80636282, Appendix D pages 70-92).
- H2. The permittee must notify IDEM in writing at least 15 days before the intended date to begin closure of each area.
- H3. The permittee must construct the final cover as follows:
- a. As specified in the approved final grading plan, drawing titled "Sheet 8 of 16, Final Grading Plan", dated March 28, 2018 (VFC #80636282) and drawing titled "Sheet 15 of 16, Closure Segment", dated March 28, 2018 (VFC #80636282);
 - b. Grade and stabilize final cover as specified in 329 IAC 10-28-14
 - c. within 180 days after
 - (i) Any area of the final cover is filled to its approved elevation, less the thickness of the cover system, or
 - (ii) Receiving its final waste volume
- H4. The facility closure contains 86.7 acres of composite cover system. As of this date of this permit, a total of 33.8 acres have been constructed and certified to receive waste, and no areas have been certified closed. The post-closure period for the closed portion of the landfill will not begin until the entire facility is certified closed.

- H5. The permittee must submit a plan detailing tree planting on the final cover to IDEM and receive approval before planting trees on the landfill final cover, as described on Drawing titled "Sheet 16 of 16, Landscaping Plan, dated March, 2018 (VFC #80636282).

I. POST-CLOSURE REQUIREMENTS

- I1. The permittee must perform post-closure monitoring and maintenance as specified in the facility's approved post-closure plan dated January 2013 (VFC #67326671, pages 125-136) and the applicable requirements of 329 IAC 10-23.

J. FINANCIAL RESPONSIBILITY FOR CLOSURE AND POST-CLOSURE

- J1. The permittee must maintain financial assurance in an amount not less than the estimated costs of closure and post-closure as required in 329 IAC 10-39. The permittee must submit signed originals of the financial assurance mechanism used to meet this requirement.
- J2. The permittee must annually review and submit an update by June 15 addressing the following items as detailed in 329 IAC 10-39-2(c) and 329 IAC 10-39-3(c):
- a. The permittee must adjust the closure and post-closure cost estimates for inflation.
 - b. The permittee must revise the cost estimates to account for changes which increase the cost of closure and/or post-closure.
 - c. The permittee may revise the cost estimates to account for changes which reduce the cost of closure and/or post-closure. The permittee must provide documentation supporting reduced cost-estimates, for example, letters and maps documenting areas certified as closed.
 - d. The permittee must submit an existing contour map of the approved solid waste land disposal facility that delineates the boundaries of all areas into which waste has been placed, and the boundaries of areas certified as closed. The map must be certified by a professional engineer or a registered land surveyor.
 - e. The permittee must submit documentation showing that the financial assurance mechanism is adequate to cover the estimated costs of closure and post-closure. The permittee must submit signed originals of the financial assurance and/or updates used to meet this requirement.

NOTICE OF DECISION

On December 14, 2018, the Indiana Department of Environmental Management (IDEM) issued a permit decision (SW Program ID 03-08) for Bartholomew County Landfill II at 811 East CR 450 South. This renewal of a solid waste land disposal facility permit, allows the permittee, Bartholomew County Solid Waste Management Authority to renew a permit for their existing facility in Bartholomew County. The permit is available for review at:

Bartholomew County Library, 536 5th Street, Columbus, 47201 and

Southeast Regional Office, 820 West Sweet Street, Brownstown, IN 47220-9557

The final decision is also available online via IDEM's Virtual File Cabinet (VFC). Please go to: <http://vfc.idem.in.gov/>. You will then have the option to search for approval documents using a variety of criteria.

APPEAL PROCEDURES

If you wish to challenge this decision, IC 13-15-6-1 and IC 4-21.5-3-7 require that you file a Petition for Administrative Review. If you seek to have the effectiveness of the permit stayed during the Administrative Review, you must also file a Petition for Stay. The Petition(s) must be submitted to the Office of Environmental Adjudication (OEA) at the following address within 15 days of the date of newspaper publication of this Notice:

Office of Environmental Adjudication
Indiana Government Center North, Room N103
100 North Senate Avenue
Indianapolis, IN 46204

The Petition(s) must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision, or otherwise entitled to review by law. Identifying the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, or date of this notice will expedite review of the petition. Additionally, IC 13-15-6-2 and 315 IAC 1-3-2 require that your Petition include:

1. the name, address, and telephone number of the person making the request;
2. the interest of the person making the request;
3. identification of any persons represented by the person making the request;
4. the reasons, with particularity, for the request;
5. the issues, with particularity, for the request;
6. identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type granted or denied by the Commissioner's action; and
7. a copy of the pertinent portions of the permit, decision, or other order for which you seek review, at a minimum, the portion of the Commissioner's action that identifies the person to whom the action is directed and the identification number of the action.

Pursuant to IC 4-21.5-3-1(f), any document serving as a petition for review or review and stay must be filed with the OEA. Filing of such a document is complete on the earliest of the following dates:

1. the date on which the petition is delivered to the OEA;
2. the date of the postmark on the envelope containing the petition, if the petition is mailed to the OEA by United States mail; or
3. the date on which the petition is deposited with a private carrier, as shown by a receipt issued by the carrier, if the petition is sent to the OEA by private carrier.

In order to assist permit staff in tracking any appeals of the decision, please provide a copy of your petition to Kate Garvey, IDEM, Solid Waste Permits, IGCN 1154, 100 North Senate Ave., Indianapolis, IN 46204-2251.

The OEA will provide you with notice of any pre-hearing conferences, preliminary hearings, hearings, stays, or orders regarding this decision if you submit a written request to the OEA. If you do not provide a written request to the OEA, you will no longer be notified of any proceedings pertaining to this decision.

More information on the review process is available at the website for the Office of Environmental Adjudication at <http://www.in.gov/oea>.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

What if you are not satisfied with this decision and you want to file an appeal?

Who may file an appeal?

The decision described in the accompanying Notice of Decision may be administratively appealed. Filing an appeal is formally known as filing a "Petition for Administrative Review" to request an "administrative hearing".

If you object to this decision issued by the Indiana Department of Environmental Management (IDEM) and are: 1) the person to whom the decision was directed, 2) a party specified by law as being eligible to appeal, or 3) aggrieved or adversely affected by the decision, you are entitled to file an appeal. (An aggrieved and adversely affected person is one who would be considered by the court to be negatively impacted by the decision. If you file an appeal because you feel that you are aggrieved, it will be up to you to demonstrate in your appeal how you are directly impacted in a negative way by the decision).

The Indiana Office of Environmental Adjudication (OEA) was established by state law – see Indiana Code (IC) 4-21.5-7 – and is a separate state agency independent of IDEM. The jurisdiction of the OEA is limited to the review of environmental pollution concerns or any alleged technical or legal deficiencies associated with the IDEM decision making process. Once your request has been received by OEA, your appeal may be considered by an Environmental Law Judge.

What is required of persons filing an appeal?

Filing an appeal is a legal proceeding, so it is suggested that you consult with an attorney. Your request for an appeal must include your name and address and identify your interest in the decision (or, if you are representing someone else, his or her name and address and their interest in the decision). In addition, please include a photocopy of the accompanying Notice of Decision or list the permit number and name of the applicant, or responsible party, in your letter.

Before a hearing is granted, you must identify the reason for the appeal request and the issues proposed for consideration at the hearing. You also must identify the permit terms and conditions that, in your judgment, would appropriately satisfy the requirements of law with respect to the IDEM decision being appealed. That is, you must suggest an alternative to the language in the permit (or other order, or decision) being appealed, and your suggested changes must be consistent with all applicable laws (See Indiana Code 13-15-6-2) and rules (See Title 315 of the Indiana Administrative Code, or 315 IAC).



A State that Works

The effective date of this agency action is stated on the accompanying Notice of Decision (or other IDEM decision notice). If you file a "Petition for Administrative Review" (appeal), you may wish to specifically request that the action be "stayed" (temporarily halted) because most appeals do not allow for an automatic "stay". If, after an evidentiary hearing, a "stay" is granted, the IDEM-approved action may be halted altogether, or only allowed to continue in part, until a final decision has been made regarding the appeal. However, if the action is not "stayed" the IDEM-approved activity will be allowed to continue during the appeal process.

Where can you file an appeal?

If you wish to file an appeal, you must do so in writing. There are no standard forms to fill out and submit, so you must state your case in a letter (called a petition for administrative review) to the Indiana Office of Environmental Adjudication (OEA). Do not send the original copy of your appeal request to IDEM. Instead, send or deliver your letter to:

**The Indiana Office of Environmental Adjudication
100 North Senate Avenue, Room N103
Indianapolis, IN 46204**

If you file an appeal, also please send a copy of your appeal letter to the IDEM contact person identified in the Notice of Decision, and to the applicant (person receiving an IDEM permit, or other approval).

Your appeal (petition for administrative review) must be received by the Office of Environmental Adjudication in a timely manner. The due date for filing an appeal may be given, or the method for calculating it explained, on the accompanying Notice of Decision (NOD). Generally appeals must be filed within 18 days of the mailing date of the NOD. To ensure that you meet this filing requirement, your appeal request must be:

- 1) Delivered in person to OEA, by the close-of-business on the eighteenth day (if the 18th day falls on a day when the Office of Environmental Adjudication (OEA) is closed for the weekend or for a state holiday, then your petition will be accepted on the next business day on which OEA is open), or
- 2) Given to a private carrier who will deliver it to the OEA on your behalf, (and from whom you must obtain a receipt dated on or before the 18th day), or
- 3) For those appeal requests sent by U.S. Mail, your letter must be postmarked by no later than midnight of the 18th day, or
- 4) Faxed to the OEA at (317) 233-9372 before the close-of-business on the 18th day, provided that the original signed "Petition for Administrative Review" is also sent, or delivered, to the OEA in a timely manner.

What are the costs associated with filing an appeal?

The OEA does not charge a fee for filing documents for an administrative review or for the use of its hearing facilities. However, OEA does charge a fifteen cent (\$.15) per page fee for copies of any documents you may request. Another cost that could be associated with Your appeal would be for attorney's fees. Although you have the option to act as your own

Attorney, the administrative review and associated hearing are complex legal proceedings; therefore, you should consider whether your interests would be better represented by an experienced attorney.

What can you expect from the Office of Environmental Adjudication (OEA) after you file for an appeal?

The OEA will provide you with notice of any prehearing conference, preliminary hearings, hearings, "stays," or orders disposing of the review of this decision. In addition, you may contact the OEA by phone at (317) 233-0850 with any scheduling questions. However, technical questions should be directed to the IDEM contact person listed on the Notice of Decision.

Do not expect to discuss details of your case with OEA other than in a formal setting such as a prehearing conference, a formal hearing, or a settlement conference. The OEA is not allowed to discuss a case without all side being present. All parties to the proceeding are expected to appear at the initial prehearing conference.

Poe, Diane L

From: Poe, Diane L
Sent: Friday, December 14, 2018 9:35 AM
To: 'legalads@therepublic.com'
Subject: Legal Notice for Bartholomew County Landfill II Permit Renewal Approval
Attachments: 1210418 03-08 NOD.doc

To Whom It May Concern:

Please insert for one time only the enclosed legal notice, in The Republic, on Tuesday, December 18, 2018.

If there is an additional charge to post this notice on your web site, please DO NOT post.

As we understand it, you will provide us with a notarized form (publishers claim) and clippings showing the date on which the advertisement appeared in your paper. This information should be mailed to Diane Poe at the following address:

dpoe@idem.IN.gov or

Indiana Department of Environmental Management
Office of Land Quality
Permits Branch
IGCN Room 1101
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

Please contact Diane Poe at (317) 232-4473 or dpoe@idem.IN.gov or Kate Garvey at (317) 233-5552 or krgarve@idem.in.gov if you have any questions. Thank you for your cooperation.



Diane Poe, Administrative Assistant
Permits Branch | Office of Land Quality
Indiana Department of Environmental Management

(317) 232-4473 | dpoe@idem.IN.gov





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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

December 14, 2018

Bartholomew County Library
536 5th Street
Columbus, Indiana 47201

Re: Documents for Public View

Dear Sir/Madam:

A copy of a permit decision for the Bartholomew County Landfill II is enclosed. Also enclosed is a copy of the public notice announcing this permit decision and indicating the availability of the documents at your library. This public notice will appear in a local newspaper soon. Please make these documents available to the public for the next 20 days since this permit can be appealed.

Please date and sign the enclosed verification of receipt form and mail it to our office in the envelope provided.

If you have any questions, please contact me by dialing (317) 233-5552 or by e-mail at KRGarve@idem.IN.gov.

Sincerely,

Kate Garvey
Solid Waste Permits Section
Office of Land Quality

Enclosures: Notice of Decision
Permit Letter
Verification of Receipt Form
Agency Addressed Envelope

cc with enclosures: Bartholomew County Health Department
Bartholomew County Commissioners
Bartholomew County Solid Waste Management District
Director, Southeast IDEM Regional Office
Mayor, City of Columbus
President, Columbus City Council