

3745-76-12

Reporting ~~requirements~~guidelines.

[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see ~~the last~~ paragraph (C) of rule 3745-76-01 of the Administrative Code titled "~~Incorporation by reference~~referenced materials."]]

Except as provided in paragraph ~~(B)(2)(a)(ii)~~(D)(2) of this rule ~~3745-76-07 of the Administrative Code~~,

(A) Design capacity report. ~~Each owner or operator subject to the requirements of this chapter shall submit or shall have submitted an initial design capacity report to the director.~~ For existing MSW landfills subject to this rule, the initial design capacity report shall be submitted no later than ninety days after the effective date of the United States Environmental Protection Agency approval of the state's plan under section 111(d) of the Clean Air Act. The initial design capacity report shall contain the following information:

~~(1) The initial design capacity report shall contain the date construction commenced and the date of initial waste placement, if applicable.~~

~~(2) The initial design capacity report shall contain the following information:~~

~~(a)~~(1) A map or plot of the landfill, providing the size and location of the landfill, and identifying all areas where solid waste may be landfilled according to the permit issued by the director.

~~(b)~~(2) The maximum design capacity of the landfill. Where the maximum design capacity is specified in the permit issued by the director, a copy of the permit specifying the maximum design capacity may be submitted as part of the report. If the maximum design capacity of the landfill is not specified in the permit, the maximum design capacity shall be calculated using good engineering practices. The calculations shall be provided, along with the relevant parameters as part of the report. The landfill may calculate design capacity in either megagrams or cubic meters for comparison with the exemption values. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, the calculation shall include a site-specific density, which shall be recalculated annually. Any density conversions shall be documented and submitted with the design capacity report. The director may request other reasonable information as may be necessary to verify the maximum design capacity of the landfill.

~~(3)~~(B) Amended design capacity report. An amended design capacity report shall be submitted to the director providing notification of ~~any~~an increase in the design

capacity of the landfill, within ninety days of an increase in the maximum design capacity of the landfill to meet or ~~above~~ exceed 2.5 million megagrams ~~and/or~~ 2.5 million cubic meters. This increase in design capacity may result from an increase in permitted volume of the landfill or an increase in the density as documented in the annual recalculation required under paragraph (F) of rule 3745-76-13 of the Administrative Code. ~~Any expansion of the landfill shall be deemed a modification, which shall cause the landfill to become subject to the new source performance standards in 40 CFR Part 60, Subpart WWW.~~

~~(B)~~(C) NMOC emission rate report. ~~Each owner or operator subject to the requirements of this chapter~~ For existing MSW landfills covered by this rule with a design capacity equal to or greater than 2.5 million megagrams or 2.5 million cubic meters, the NMOC emission rate report shall be submitted ~~submit an NMOC emission rate report to the director~~ following the procedure specified in paragraph (J)(2) of this rule no later than ninety days after the effective date of the United States Environmental Protection Agency approval of the state's plan under section 111(d) of the Clean Air Act. ~~initially~~ The NMOC emission rate report shall be submitted to the director ~~and~~ annually following the procedure specified in paragraph (J)(2) of this rule. ~~thereafter,~~ except as provided for in paragraph (B)(1)(b) or (B)(3) of this rule. (C)(3) of this rule. The director may request such additional information as may be necessary to verify the reported NMOC emission rate.

(1) The NMOC emission rate report shall contain an annual or five-year estimate of the NMOC emission rate calculated using the formula and procedures provided in paragraph (A) or (B) of rule 3745-76-09 of the Administrative Code, as applicable.

~~(a) The initial NMOC emission rate report may be combined with the initial design capacity report required in paragraph (A) of this rule. Subsequent NMOC emission rate reports shall be submitted annually thereafter, except as provided for in paragraphs (B)(1)(b) and (B)(3) of this rule.~~

(2) The NMOC emission rate report shall include all the data, calculations, sample reports and measurements used to estimate the annual or five-year emissions.

~~(b)~~(3) If the estimated NMOC emission rate as reported in the annual report to the director is less than ~~fifty~~thirty-four megagrams per year in each of the next five consecutive years, the owner or operator may elect to submit, following the procedure in paragraph (J)(2) of this rule, an estimate of the NMOC emission rate for the next five-year period in lieu of the annual report. This estimate shall include the current amount of solid waste-in-place and the estimated waste acceptance rate for each year of the five years for which an

NMOC emission rate is estimated. All data and calculations upon which this estimate is based shall be provided to the director. This estimate shall be revised at least once every five years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the five-year estimate, a revised five-year estimate shall be submitted to the director. The revised estimate shall cover the five-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.

~~(2) The NMOC emission rate report shall include all the data, calculations, sample reports and measurements used to estimate the annual or five-year emissions.~~

~~(3)~~(4) Each owner or operator subject to the requirements of this chapter is exempted from the requirements to submit an NMOC emission rate report of paragraphs (B)(1) and (B)(2) of this rule, after ~~the installation of~~installing a collection and control system ~~in compliance~~that complies with paragraph (B)(2) paragraphs (C) through (F) of rule 3745-76-03~~3745-76-03~~ of the Administrative Code, during such time as the collection and control system is in operation and in compliance with rule 3745-76-08 and rule 3745-76-10 of the Administrative Code.

(D) Collection and control system design plan. The collection and control system design plan shall be prepared and approved by a professional engineer and shall meet the following requirements:

(1) The collection and control system as described in the design plan shall meet the design requirements in paragraphs (C) through (F) of rule 3745-76-03 of the Administrative Code.

(2) The collection and control system design plan shall include any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping, or reporting provisions of rules 3745-76-08 through 3745-76-13 of the Administrative Code proposed by the owner or operator.

(3) The collection and control system design plan shall either conform to specifications for active collection systems in rule 3745-76-14 of the Administrative Code or include a demonstration to the director's satisfaction of the sufficiency of the alternative provisions to rule 3745-76-14 of the Administrative Code.

(4) Each owner or operator of a MSW landfill having a design capacity equal to or greater than 2.5 million megagrams or 2.5 million cubic meters shall submit a copy of the collection and control system design plan cover page that contains the engineer's seal to the director within one year of the first NMOC emission rate report in which the NMOC emission rate equals or exceeds thirty-four

megagrams per year, except as follows:

- (a) If the owner or operator elects to recalculate the NMOC emission rate after Tier 2 NMOC sampling and analysis as provided in paragraph (A)(3) of rule 3745-76-09 of the Administrative Code and the resulting rate is less than thirty-four megagrams per year, annual periodic reporting shall be resumed, using the Tier 2 determined site-specific NMOC concentration, until the calculated NMOC emission rate is equal to or greater than thirty-four megagrams per year or the landfill is closed. The revised NMOC emission rate report, with the recalculated NMOC emission rate based on NMOC sampling and analysis, shall be submitted, following the procedures in paragraph (J)(2) of this rule, within one hundred eighty days of the first calculated exceedance of thirty-four megagrams per year.
- (b) If the owner or operator elects to recalculate the NMOC emission rate after determining a site-specific methane generation rate constant k, as provided in Tier 3 in paragraph (A)(4) of rule 3745-76-09 of the Administrative Code, and the resulting NMOC emission rate is less than thirty-four megagrams per year, annual periodic reporting shall be resumed. The resulting site-specific methane generation rate constant k shall be used in the NMOC emission rate calculation until such time as the emissions rate calculation results in an exceedance. The revised NMOC emission rate report based on the provisions of paragraph (A)(4) of rule 3745-76-09 of the Administrative Code and the resulting site-specific methane generation rate constant k shall be submitted to the director within one year of the first calculated emission rate exceeding thirty four megagrams per year.
- (c) If the owner or operator elects to demonstrate that site-specific surface methane emissions are below five hundred parts per million methane, based on the provisions of paragraph (A)(6) of rule 3745-76-09 of the Administrative Code, then the owner or operator shall submit annually a Tier 4 surface emissions report as specified in paragraph (D)(4)(c) of this rule following the procedure specified in paragraph (J)(2) of this rule until a surface emission reading of five hundred parts per million methane or greater is found. If the Tier 4 surface emissions report shows no surface emission readings of five hundred parts per million methane or greater for four consecutive quarters at a closed landfill, then the landfill owner or operator may reduce Tier 4 monitoring from a quarterly to an annual frequency. The director may request such additional information as may be necessary to verify the reported instantaneous surface emission readings. The Tier 4 surface emissions report shall clearly identify the location, date and time (to the nearest second), average wind speeds including wind gusts, and reading (in parts per million) of any value five hundred parts per million methane

or greater, other than non-repeatable, momentary readings. For location, the owner or operator shall determine the latitude and longitude coordinates using an instrument with an accuracy of at least four meters. The coordinates shall be in decimal degrees with at least five decimal places. The Tier 4 surface emissions report should also include the results of the most recent Tier 1 and Tier 2 results in order to verify that the landfill does not exceed fifty megagrams per year of NMOC.

(i) The initial Tier 4 surface emissions report shall be submitted annually, starting within thirty days of completing the fourth quarter of Tier 4 surface emission monitoring that demonstrates that site-specific surface methane emissions are below five hundred parts per million methane, and following the procedure specified in paragraph (J)(2) of this rule.

(ii) The Tier 4 surface emissions rate report shall be submitted within one year of the first measured surface exceedance of five hundred parts per million methane, following the procedure specified in paragraph (J)(2) of this rule.

~~(C)(d) Each owner or operator subject to the provisions of paragraph B)(2)(a) of rule 3745-76-07 of the Administrative Code~~If the landfill is in the closed landfill subcategory, the owner or operator shall submit a collection and control system design plan to the director within one year of the first NMOC emission rate report, required under paragraph (B) of this rule, in which the NMOC emission rate equals or exceeds fifty megagrams per year, except as follows:

~~(+)~~(i) If the owner or operator elects to recalculate the NMOC emission rate after Tier 2 NMOC sampling and analysis as provided in paragraph (A)(3) of rule 3745-76-09 of the Administrative Code and the resulting rate is less than fifty megagrams per year, annual periodic reporting shall be resumed, using the Tier 2 determined site-specific NMOC concentration, until the calculated emission rate is equal to or greater than fifty megagrams per year or the landfill is closed. The revised NMOC emission rate report, with the recalculated emission rate based on NMOC sampling and analysis, shall be submitted, following the procedure specified in paragraph (J)(2) of this rule, within one hundred eighty days of the first calculated exceedance of fifty megagrams per year.

~~(2)~~(ii) If the owner or operator elects to recalculate the NMOC emission rate after determining a site-specific methane generation rate constant (k), as provided in Tier 3 in paragraph (A)(4) of rule 3745-76-09 of the Administrative Code, and the resulting NMOC

emission rate is less than fifty megagrams per year, annual periodic reporting shall be resumed. The resulting site-specific methane generation rate constant (~~k~~) shall be used in the emission rate calculation until such time as the emissions rate calculation results in an exceedance. The revised NMOC emission rate report based on the provisions of paragraph (A)(4) of rule 3745-76-09 of the Administrative Code and the resulting site-specific methane generation rate constant (~~k~~) shall be submitted, following the procedure specified in paragraph (J)(2) of this rule, to the director within one year of the first calculated NMOC emission rate equaling or exceeding fifty megagrams per year.

(iii) The landfill owner or operator elects to demonstrate surface emissions are low, consistent with the provisions in paragraph (D)(4)(c) of this rule.

(iv) The landfill has already submitted a gas collection and control system design plan consistent with the provisions of 40 CFR part 60, subpart WWW; 40 CFR part 62, subpart GGG; or a state plan implementing 40 CFR part 60, subpart Cc.

(5) The landfill owner or operator shall notify the director that the design plan is completed and submit a copy of the plan's signature page. The director has ninety days to decide whether the design plan should be submitted for review. If the director chooses to review the plan, the approval process continues as described in paragraph (D)(6) of this rule. However, if the director indicates that submission is not required or does not respond within ninety days, the landfill owner or operator can continue to implement the plan with the recognition that the owner or operator is proceeding at their own risk. In the event that the design plan is required to be modified to obtain approval, the owner or operator shall take any steps necessary to conform any prior actions to the approved design plan and any failure to do so could result in an enforcement action.

(6) Upon receipt of an initial or revised design plan, the director shall review the information submitted under paragraphs (D)(1) through (D)(3) of this rule and either approves it, disapproves it, or requests that additional information be submitted. Because of the many site-specific factors involved with landfill gas system design, alternative systems may be necessary. A wide variety of system designs are possible, such as vertical wells, combination horizontal and vertical collection systems, or horizontal trenches only, leachate collection components, and passive systems. If the director does not approve or disapprove the design plan, or does not request that additional information be submitted within ninety days of receipt, then the owner or operator may continue with implementation of the design plan, recognizing the owner or operator would be proceeding at the owner's or operator's own risk.

(7) If the owner or operator chooses to demonstrate compliance with the emission control requirements of this chapter using a treatment system as defined in rule 3745-76-01 of the Administrative Code, then the owner or operator shall prepare a site-specific treatment system monitoring plan as specified in paragraph (B)(5) of rule 3745-76-13 of the Administrative Code.

(E) Revised design plan. The owner or operator who has already been required to submit a design plan under paragraph (D) of this rule, or under 40 CFR part 60, subpart WWW; 40 CFR part 62, subpart GGG; or a state plan implementing 40 CFR part 60, subpart Cc, shall submit a revised design plan to the director for approval as follows:

(1) At least ninety days before expanding operations to an area not covered by the previously approved design plan.

(2) Prior to installing or expanding the gas collection system in a way that is not consistent with the design plan that was submitted to the director according to paragraph (D) of this rule.

~~(E)~~(F) Closure report. Each owner or operator of a controlled landfill shall submit a closure report to the director within thirty days of waste acceptance cessation. The director may request additional information as may be necessary to verify that permanent closure has taken place in accordance with 40 CFR 258.60. If a closure report has been submitted to the director, no additional wastes may be placed into the landfill without filing a notification of modification as described under paragraph (a)(4) of rule 40 CFR part 60.7. The landfill owner or operator shall also meet the notification requirements for landfill closure contained in paragraph (E) of rule 3745-27-11 of the Administrative Code.

~~(E)~~(G) Equipment removal report. Each owner or operator of a controlled landfill shall submit an equipment removal report to the director thirty days prior to removal or cessation of operation of the control equipment.

(1) The equipment removal report shall contain ~~all of~~ the following items:

(a) A copy of the closure report submitted in accordance with paragraph ~~(E)~~(F) of this rule;

(b) A copy of the initial performance test report demonstrating that the fifteen year minimum control period has expired; ~~and, unless the report of the results of the performance test has been submitted to the USEPA via USEPA's Central Data Exchange (CDX), or information that demonstrates that the gas collection and control system (GCCS) will be~~

unable to operate for fifteen years due to declining gas flows. In the equipment removal report the process units tested, the pollutants tested, and the date that such performance test was conducted may be submitted in lieu of the performance test report if the report has been previously submitted to the USEPA's CDX.

(c) Dated copies of three successive NMOC emission rate reports demonstrating that the landfill is no longer producing ~~fifty~~thirty-four megagrams or greater of NMOC per year, unless the NMOC emission rate reports have been submitted to the USEPA via the USEPA's CDX. If the NMOC emission rate reports have been previously submitted to the USEPA's CDX, a statement that the NMOC emission rate reports have been submitted electronically and the dates that the reports were submitted to the USEPA's CDX may be submitted in the equipment removal report in lieu of the NMOC emission rate reports.

(d) For the closed landfill subcategory, dated copies of three successive NMOC emission rate reports demonstrating that the landfill is no longer producing fifty megagrams or greater of NMOC per year, unless the NMOC emission rate reports have been submitted to the USEPA via USEPA's CDX. If the NMOC emission rate reports have been previously submitted to the USEPA's CDX, a statement that the NMOC emission rate reports have been submitted electronically and the dates that the reports were submitted to the USEPA's CDX may be submitted in the equipment removal report in lieu of the NMOC emission rate reports.

(2) The director may request such additional information as may be necessary to verify that all of the conditions for removal in paragraph ~~(B)(2)(e)(I)~~ of rule ~~3745-76-07~~3745-76-03 of the Administrative Code have been met.

~~(F)(H)~~ Each Annual report. The owner or operator of a landfill seeking to comply with paragraph ~~(B)(2)(H)(2)~~ of rule ~~3745-76-07~~3745-76-03 of the Administrative Code using an active collection system designed in accordance with ~~paragraph~~paragraphs ~~(B)(2)(b)(C) through (E)~~ of rule ~~3745-76-07~~3745-76-03 of the Administrative Code shall submit to the director, following the procedures specified in paragraph (J)(2) of this rule, an annual reports report of the recorded information in paragraphs ~~(F)(1) to (F)(6)(H)(1) through (H)(7)~~ of this rule. The initial annual report shall be submitted within one hundred eighty days of installation and start-up of the collection and control system, ~~and~~. The initial report shall include the initial performance test report required under 40 CFR part 60.8, as applicable, unless the report of the results of the performance test has been submitted to the USEPA via the USEPA's CDX. In the initial annual report, the process unit tested, the pollutant tested and the date that such performance test was conducted may be submitted in

lieu of the performance test report has been previously submitted to the USEPA's CDX. The initial performance test report shall be submitted, following the procedure specified in paragraph (J)(1) of this rule, no later than the date that the initial annual report is submitted.~~for enclosed~~ For closed combustion devices and flares. ~~Reportable, reportable~~ exceedances are defined under paragraph ~~(E)~~(C)(1) of rule 3745-76-13 of the Administrative Code. If complying with the operational provisions in 40 CFR part 63.1958, 63.1960 and 63.1961, as allowed under rules 3745-76-08, 3745-76-10 and 3745-76-11 of the Administrative Code, the owner or operator shall follow the semi-annual reporting requirements in 40 CFR part 63.1981(h) in lieu of the following:

- (1) Value and length of time for exceedance of applicable parameters monitored under paragraphs ~~(A)~~(A)(1), (B), (C), ~~and~~ (D), and (G) of rule 3745-76-11 of the Administrative Code.
- (2) Description and duration of all periods when the gas stream is diverted from the control device or treatment system through a bypass line or the indication of bypass flow as specified under rule 3745-76-11 of the Administrative Code.
- (3) Description and duration of all periods when the control device or treatment system was not operating ~~for a period exceeding one hour~~ and length of time the control device or treatment system was not operating.
- (4) All periods when the collection system was not operating ~~in excess of five days~~.
- (5) The location of each exceedance of the five hundred parts per million methane concentration as provided in paragraph (D) of rule 3745-76-08 of the Administrative Code and the concentration recorded at each location for which an exceedance was recorded in the previous month. For location, the owner or operator shall determine the latitude and longitude coordinates using an instrument with an accuracy of at least four meters. The coordinates shall be in decimal degrees with at least five decimal places.
- (6) The date of installation and the location of each well or collection system expansion added pursuant to paragraphs (A)(3), (A)(5), (B), and (C)(4) of rule 3745-76-10 of the Administrative Code.
- (7) For any corrective action analysis for which corrective actions are required in paragraph (A)(3) or (A)(5) of rule 3745-76-10 of the Administrative Code and that take more than sixty days to correct the exceedance, the root cause analysis conducted, including a description of the recommended corrective action, the date for corrective action already completed following the positive pressure or elevated temperature reading, and, for actions not already

completed, a schedule for implementation, including proposed commencement and completion dates.

~~(G)~~(I) Initial performance test report. Each owner or operator seeking to comply with paragraph ~~(B)(2)(e)~~(F) of rule ~~3745-76-07~~3745-76-03 of the Administrative Code shall include the following information with the initial performance test report required under 40 CFR part 60.8 ~~as specified in paragraph (B)(2)(e)(ii) of rule 3745-76-07 of the Administrative Code:~~

- (1) A diagram of the collection system showing collection system positioning including all wells, horizontal collectors, surface collectors, or other gas extraction devices, including the locations of any areas excluded from collection and the proposed sites for the future collection system expansion~~;~~.
- (2) The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based~~;~~.
- (3) The documentation of the presence of asbestos or nondegradable material for each area from which collection wells have been excluded based on the presence of asbestos or nondegradable material~~;~~.
- (4) The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on nonproductivity and the calculations of gas generation flow rate for each excluded area~~;~~.
- (5) The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill~~;~~~~and~~.
- (6) The provisions for the control of off-site migration.

(J) Electronic reporting. The owner or operator shall submit reports electronically according to the following:

(1) Within sixty days after the date of completing each performance test (as defined in 40 CFR part 60.8), the owner or operator shall submit the results of each performance test according to the following procedures:

(a) For data collected using test methods supported by USEPA's Electronic Reporting Tool (ERT) as listed on the USEPA's ERT Web site (https://www.3.epa.gov/ttn/chief/ert/ert_info.html) at the time of the test, the owner or operator shall submit the results of the performance test to the USEPA via the Compliance and Emissions Data Reporting

Interface (CEDRI). CEDRI can be accessed through the USEPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). Performance test data shall be submitted in a file format generated through the use of the USEPA's ERT or an alternative file format consistent with the extensible markup language (XML) schema listed on the USEPA's ERT Web site, once the XML schema is available. If an owner or operator claims that some of the performance test information being submitted is confidential business information (CBI), an owner or operator shall submit a complete file generated through the use of the USEPA's ERT or an alternate electronic file consistent with the XML schema listed on the USEPA's ERT Web site, including information claimed to be CBI, on a compact disc, flash drive or other commonly used electronic storage media to the USEPA. The electronic media shall be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT or alternate file with the CBI omitted shall be submitted to the USEPA's CDX as described earlier in this paragraph (J)(1)(a) of this rule.

(b) For data collected using test methods that are not supported by the USEPA's ERT as listed on the USEPA's ERT Web site at the time of the test, the owner or operator shall submit the results of the performance test to the director at the appropriate address listed in 40 CFR part 60.4.

(2) Each owner or operator required to submit reports following the procedure specified in this paragraph shall submit reports to the USEPA via the CEDRI. (CEDRI can be accessed through the USEPA's CDX.) The owner or operator shall use the appropriate electronic report in CEDRI for this chapter or an alternate electronic file format consistent with the XML schema listed on the CEDRI Web site (<http://www3.epa.gov/ttn/chief/cedri/index.html>). If the reporting form specific to this chapter is not available in CEDRI at the time the report is due, the owner or operator shall submit the report to the director at the appropriate address listed in 40 CFR part 60.4. Once the form has been available in CEDRI for ninety calendar days, the owner or operator shall begin submitting all subsequent reports via CEDRI. The reports shall be submitted by the deadlines specified in this chapter, regardless of the method in which the reports are submitted.

(K) Corrective action and the corresponding timeline. The owner or operator shall submit according to paragraphs (K)(1) and (K)(2) of this rule. If complying with the operational provisions in 40 CFR part 63.1958, 63.1960 and 63.1961, as allowed under rules 3745-76-08, 3745-76-10 and 3745-76-11 of the Administrative Code, the owner or operator shall follow the corrective action and the corresponding timeline reporting requirements in 40 CFR part 63.1981(j) in lieu of the following:

(1) For corrective action that is required according to paragraph (A)(3)(c) or (A)(5)(c) of rule 3745-76-10 of the Administrative Code and is expected to take longer than one hundred twenty days after the initial exceedance to complete, the owner or operator shall submit the root cause analysis, corrective action analysis, and corresponding implementation timeline to the director as soon as practicable but no later than seventy-five days after the first measurement of positive pressure or temperature monitoring value of fifty-five degrees Celsius (one hundred thirty-one degrees Fahrenheit) or above. The director shall approve the plan for corrective action and the corresponding timeline.

(2) For corrective action that is required according to paragraph (A)(3)(c) or (A)(5)(c) of rule 3745-76-10 of the Administrative Code and is not completed within sixty days after the initial exceedance, the owner or operator shall submit a notification to the director as soon as practicable but no later than seventy-five days after the first measurement of positive pressure or temperature exceedance.

(L) Liquids addition. The owner or operator of an affected landfill with a design capacity equal to or greater than 2.5 million megagrams or 2.5 million cubic meters that has employed leachate recirculation or added liquids based on a Research, Development, and Demonstration permit (issued through Resource Conservation and Recovery Act, subtitle D, part 258) within the last ten years shall submit to the director, annually, following the procedure specified in paragraph (J)(2) of this rule, the following information:

(1) Volume of leachate recirculated (gallons per year) and the reported basis of those estimates (records or engineering estimates).

(2) Total volume of all other liquids added (gallons per year) and the reported basis of those estimates (records or engineering estimates).

(3) Surface area (acres) over which the leachate is recirculated (or otherwise applied).

(4) Surface area (acres) over which any other liquids are applied.

(5) The total waste disposed (megagrams) in the areas with recirculated leachate and/or added liquids based on on-site records to the extent data are available, or engineering estimates and the reported basis of those estimates.

(6) The annual waste acceptance rates (megagrams per year) in the areas with recirculated leachate and/or added liquids, based on on-site records to the extent data are available, or engineering estimates.

(7) The initial report shall contain items in paragraphs (L)(1) through (L)(6) of this

rule per year for the most recent three hundred sixty-five days as well as for each of the previous ten years, to the extent historical data are available in on-site records, and the report shall be submitted no later than:

(a) September 27, 2017, for landfills that commenced construction, modification, or reconstruction after July 17, 2014 but before August 29, 2016.

(b) Three hundred sixty-five days after the date of commenced construction, modification, or reconstruction for landfills that commence construction, modification, or reconstruction after August 29, 2016.

(8) Subsequent annual reports shall contain items in paragraphs (L)(1) through (L)(6) of this rule for the three hundred sixty-five-day period following the three hundred sixty-five-day period included in the previous annual report, and the report shall be submitted no later than three hundred sixty-five days after the date the previous report was submitted.

(9) Landfills in the closed landfill subcategory are exempt from reporting requirements contained in paragraphs (L)(1) through (L)(7) of this rule.

(10) Landfills may cease annual reporting of items in paragraphs (L)(1) through (L)(6) of this rule once the owner or operator has submitted the closure report in paragraph (F) of this rule.

(M) Tier 4 notification.

(1) The owner or operator of an affected landfill with a design capacity equal to or greater than 2.5 million megagrams or 2.5 million cubic meters shall provide a notification of the date upon which it intends to demonstrate site-specific surface methane emissions are below five hundred parts per million methane, based on the Tier 4 provisions of paragraph (A)(6) of rule 3745-76-09 of the Administrative Code. The landfill shall also include a description of the wind barrier to be used during the surface emission monitoring in the notification. The notification shall be postmarked not less than thirty days prior to such date.

(2) If there is a delay to the scheduled Tier 4 surface emission monitoring date due to weather conditions, including not meeting the wind requirements in paragraph (A)(6)(c)(i) of rule 3745-76-09 of the Administrative Code, the owner or operator of a landfill shall notify the director by email or telephone no later than forty-eight hours before any known delay in the original test date, and arrange an updated date with the director by mutual agreement.

(N) Each owner or operator that chooses to comply with the provisions in 40 CFR part 63.1958, 63.1960 and 63.1961, as allowed under rules 3745-76-08, 3745-76-10 and 3745-76-11 of the Administrative Code, shall submit the 24-hour high temperature

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[report according to 40 CFR part 63.1981\(k\).](#)