

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Eric J. Holcomb Governor Brian C. Rockensuess Commissioner

| То: | Interested Parties |
|-----------------------|--|
| Date: | July 2, 2024 |
| From: | Jenny Acker, Chief Permits Branch Office of Air Quality |
| Source Name: | Republic Services of Indiana LP dba National Serv All Landfill |
| Permit Level: | TV Administrative Amendment |
| Permit Number: | 003-47946-00257 |
| Source Location: | 6231 Macbeth Rd, Fort Wayne, IN 46809 |
| Type of Action Taken: | Changes that are administrative in nature |

Notice of Decision: Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the matter referenced above. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

The final decision is available on the IDEM website at: <u>http://www.in.gov/apps/idem/caats/</u> To view the document, choose Search Option **by Permit Number**, then enter permit 47946. This search will also provide the application received date and **final** permit issuance date.

The final decision is also available via IDEM's Virtual File Cabinet (VFC). Please go to: https://www.in.gov/idem and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

(continues on next page)



If you would like to request a paper copy of the permit document, please contact IDEM's Office of Records Management:

IDEM - Office of Records Management Indiana Government Center North, Room 1207 100 North Senate Avenue Indianapolis, IN 46204 Phone: (317) 232-8667 Fax: (317) 233-6647 Email: IDEMFILEROOM@idem.in.gov

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Indiana Office of Administrative Law Proceedings, 100 N. Senate Avenue Suite N802, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Indiana Office of Administrative Law Proceedings (OALP)
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OALP by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OALP by private carrier.

The petition 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. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address 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, proposed for considerations at any hearing; and
- (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 issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

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Eric J. Holcomb Governor Brian C. Rockensuess Commissioner

July 2, 2024

Ms. Stephanie Goodman Republic Services of Indiana LP dba National Serv-All Landfill 6231 MacBeth Road Fort Wayne, IN 46809

> Re: 003-47946-00257 Administrative Amendment to Part 70 Operating Permit Renewal No. T003-44270-00257

Dear Ms. Goodman:

Republic Services of Indiana LP dba National Serv-All Landfill was issued a Part 70 Operating Permit Renewal No. T003-44270-00257 on January 24, 2022 for a stationary municipal solid waste landfill located at 6231 MacBeth Road, Fort Wayne, Indiana 46809. On June 12, 2024, the Office of Air Quality (OAQ) received an application from the source requesting to approve Higher Operating Values (HOVs) for temperature for gas extraction locations C69 and D169.

Pursuant to 326 IAC 2-7-11(a)(7), this change to the permit is considered an administrative amendment because the permit is amended to change the descriptive information where the revision will not trigger a new applicable requirement or violate a permit term.

Proposed Changes:

Pursuant to 326 IAC 2-7-11(a), the permit is hereby administratively amended as follows with the deleted language as strikeouts and new language **bolded**:

- E.3.3 Operational Standards for Collection and Control Systems [40 CFR 63.1958] [326 IAC 20-67] In order to comply with 40 CFR 63.1958, the Permittee shall:
 - (a) Operate each interior wellhead in the collection system with a landfill gas temperature less than 62.8°C (145°F), except as indicated below:

| Well ID | Upper Temperature Limit (°C) | Upper Temperature Limit (°F) |
|---------|---------------------------------|---------------------------------|
| | | |
| C59R | 65.6 | 150 |
| C69 | 71.1 | 160 |
| | | |
| D169 | 71.1 | 160 |

All other conditions of the permit shall remain unchanged and in effect.

Please find attached the entire Part 70 Operating Permit as amended. The permit references the below listed attachment(s). Since these attachments have been provided in previously issued approvals for this source, IDEM OAQ has not included a copy of these attachments with this amendment:

Attachment A: Fugitive Dust Control Plan Attachment B: Reserved



 Attachment C: 40 CFR 62, Subpart OOO, Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction On or Before July 17, 2014 and Have Not Been Modified or Reconstructed Since July 17, 2014
 Attachment D: 40 CFR 61, Subpart M, National Emission Standards for Asbestos
 Attachment E: 40 CFR 63, Subpart AAAA, National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills

Previously issued approvals for this source containing these attachments are available on the Internet at: <u>http://www.in.gov/ai/appfiles/idem-caats/</u>.

Previously issued approvals for this source are also available via IDEM's Virtual File Cabinet (VFC). To access VFC, please go to: <u>https://www.in.gov/idem/</u> and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

Federal rules under Title 40 of United States Code of Federal Regulations may also be found on the U.S. Government Printing Office's Electronic Code of Federal Regulations (eCFR) website, located on the Internet at: <u>http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40tab_02.tpl</u>.

A copy of the permit is available on the Internet at: <u>http://www.in.gov/ai/appfiles/idem-caats/</u>. A copy of the application and permit is also available via IDEM's Virtual File Cabinet (VFC). To access VFC, please go to: <u>https://www.in.gov/idem/</u> and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: <u>https://www.in.gov/idem/airpermit/public-participation/</u>; and the Citizens' Guide to IDEM on the Internet at: <u>https://www.in.gov/idem/resources/citizens-guide-to-idem/</u>.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.

If you have any questions regarding this matter, please contact Tori Tamburrino, Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or by telephone at (317) 233-0043 or (800) 451-6027, and ask for Tori Tamburrino or (317) 233-0043.

Sincerely,

Madhiima Das

Madhurima D. Moulik, Ph.D., Section Chief Permits Branch Office of Air Quality

Attachment(s): Updated Permit

cc: File - Allen County Allen County Health Department U.S. EPA, Region 5 Compliance and Enforcement Branch



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Eric J. Holcomb Governor

Part 70 Operating Permit Renewal OFFICE OF AIR QUALITY

Republic Services of Indiana LP dba National Serv-All Landfill 6231 MacBeth Road Fort Wayne, Indiana 46809

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

| Operation Permit No.: T003-44270-00257 | |
|---|-----------------------------------|
| Master Agency Interest ID: 15264 | |
| Issued by: Original signed by: Madhurima D. Moulik, Ph.D., Section Chief | Issuance Date: January 24, 2022 |
| Permits Branch Office of Air Quality | Expiration Date: January 24, 2027 |
| Administrative Amendment No :003 45637-00253 | I issued on December 12, 2022 |

Administrative Amendment No.:003-45637-00257, issued on December 12, 2022 Administrative Amendment No.:003-46082-00257, issued on March 1, 2023 Significant Permit Modification No.: 003-46700-00257, issued on August 24, 2023 Administrative Amendment No.: 003-47050-00257, issued on October 2, 2023

| Administrative Amendment No.: 003-47946-00257 | |
|---|-----------------------------------|
| Issued by: | |
| Madhin and Das Madhurima D. Moulik, Ph.D., Section Chief | Issuance Date: July 2, 2024 |
| Madhurima D. Moulik, Ph.D., Section Chief | |
| Permits Branch | Expiration Date: January 24, 2027 |
| Office of Air Quality | |

TABLE OF CONTENTS

| SECTION | NA | SOURCE SUMMARY | . 5 |
|---------|------------|---|-----|
| A | 4.2 4.3 | General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)] Part 70 Source Definition [326 IAC 2-7-1(22)] Emission Units and Pollution Control Equipment Summary | |
| A | ٨.4 | [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)] Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)] | |
| | ۹.5 | Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)] Part 70 Permit Applicability [326 IAC 2-7-2] | |
| SECTION | NB | GENERAL CONDITIONS | . 9 |
| | 3.2 | Definitions [326 IAC 2-7-1] Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)] | |
| E | 3.3 3.4 | Term of Conditions [326 IAC 2-1.1-9.5] Enforceability [326 IAC 2-7-7] [IC 13-17-12] Severability [326 IAC 2-7-5(5)] | |
| E | 3.6 | Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)] | |
| | | Duty to Provide Information [326 IAC 2-7-5(6)(E)] Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)] | |
| | | Annual Compliance Certification [326 IAC 2-7-6(7)][220 IAC 2-7-6(5)] | |
| | | Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3] | |
| | | Emergency Provisions [326 IAC 2-7-16] | |
| | | Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12] | |
| | | Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5] | |
| | | Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)] | |
| | | Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9] | |
| | | Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)] | |
| | | Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12] | |
| | | Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)] | |
| | | Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5] | |
| | | Source Modification Requirement [326 IAC 2-7-10.5] Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2] | |
| | | Transfer of Ownership or Operational Control [326 IAC 2-7-11] | |
| | | Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7] | |
| | | Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6] | |
| SECTION | NC | SOURCE OPERATION CONDITIONS | 20 |
| E | Emissio | on Limitations and Standards [326 IAC 2-7-5(1)] | 20 |
| | C.1 | Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2] | |
| | | Opacity [326 IAC 5-1] | |
| | | Open Burning [326 IAC 4-1] [IC 13-17-9] | |
| | | Incineration [326 IAC 4-2] [326 IAC 9-1-2] | |
| | | Fugitive Dust Emissions [326 IAC 6-4] | |
| | | Fugitive Particulate Matter Emission Limitations [326 IAC 6-5] Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M] | |
| | | Requirements [326 IAC 2-7-6(1)] Performance Testing [326 IAC 3-6] | 22 |

| Republic Services Fort Wayne, Indiar Permit Reviewer: | | Page 3 of 44 -44270-00257 |
|---|--|------------------------------|
| Comp C.9 | liance Requirements [326 IAC 2-1.1-11] Compliance Requirements [326 IAC 2-1.1-11] | 22 |
| Comp C.10 C.11 | liance Monitoring Requirements [326 IAC 2-7-5(1)][326 IAC 2-7-6(1)] Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)] Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6 | |
| Correc C.12 C.13 C.14 C.15 | ctive Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3] Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68] Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6] Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6] | 23 |
| Recor C.16 C.17 C.18 | d Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]. Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6] General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] | 24 |
| Strato C.19 | spheric Ozone Protection Compliance with 40 CFR 82 and 326 IAC 22-1 | 26 |
| SECTION D.1 | EMISSIONS UNIT OPERATION CONDITIONS | 27 |
| Emiss D.1.1 D.1.2 | ion Limitations and Standards [326 IAC 2-7-5(1)] Prevention of Significant Deterioration (PSD) Minor Limit [326 IAC 2-2] Preventive Maintenance Plan [326 IAC 2-7-5(12)] | 27 |
| | liance Determination Requirements [326 IAC 2-7-5(1)] Landfill Gas Calculations | 27 |
| Recor D.1.4 D.1.5 | | 28 |
| SECTION D.2 | EMISSIONS UNIT OPERATION CONDITIONS | 29 |
| Emiss D.2.1 D.2.2 D.2.3 | ion Limitations and Standards [326 IAC 2-7-5(1)] Cold Cleaner Degreaser Control Equipment and Operating Requirements [326 8-3-2] Material Requirements for Cold Cleaner Degreasers [326 IAC 8-3-8] Preventive Maintenance Plan [326 IAC 2-7-5(12)] | 29 IAC |
| Recor D.2.4 | d Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]. Record Keeping Requirements | 30 |
| SECTION D.3 | EMISSIONS UNIT OPERATION CONDITIONS | 31 |
| Emiss D.3.1 D.3.2 | ion Limitations and Standards [326 IAC 2-7-5(1)] Particulate Emission Limitations [326 IAC 6-3-2] Preventive Maintenance Plan [326 IAC 2-7-5(12)] | 31 |
| SECTION D.4 | EMISSIONS UNIT OPERATION CONDITIONS | 32 |
| Emiss D.4.1 D.4.2 | ion Limitations and Standards [326 IAC 2-7-5(1)] Federal Standards Applicable to Certain Municipal Solid Waste Landfills [326 I 8.2] Preventive Maintenance Plan [326 IAC 2-7-5(12)] | 32 AC 8- |

| Republic Serv Fort Wayne, I Permit Review | ndiana | | Page 4 of 44 03-44270-00257 |
|---|-------------------------------|---|--------------------------------|
| SECTION | E.1 Fe | ederal Plan | |
| E.1 | 1.1 Ge [40 1.2 Fe Co | Plan Requirements [326 IAC 2-7-5(1)] eneral Provisions Relating to New Source Performance Standards [326 IAC 0 CFR Part 60, Subpart A] ederal Plan Requirements for Municipal Solid Waste Landfills That Comme onstruction On or Before July 17, 2014 and Have Not Been Modified or econstructed Since July 17, 2014 [40 CFR Part 62, Subpart OOO] | C 12-1] |
| SECTION | E.2 NE | ESHAP | |
| Na | | Emission Standards for Hazardous Air Pollutants (NESHAP) Requirem | |
| E.2 E.2 | 2.1 Ge Po 2.2 Na | 326 IAC 2-7-5(1)] eneral Provisions Relating to National Emission Standards for Hazardous A ollutants under 40 CFR Part 61 [326 IAC 14-1] [40 CFR Part 61, Subpart A ational Emission Standards for Asbestos NESHAP [40 CFR Part 61, Subpa 26 IAC 14-2] | Air] |
| SECTION | - | ESHAP | |
| | tional E | Emission Standards for Hazardous Air Pollutants (NESHAP) Requirem | nents |
| E.3 | 3.1 Ge | eneral Provisions Relating to National Emission Standards for Hazardous A ollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A | Air |
| E.3 | | ational Emission Standards for Hazardous Air Pollutants: Municipal Solid V andfills NESHAP [40 CFR Part 63, Subpart AAAA] [326 IAC 20-67] | /aste |
| E.3 | | perational Standards for Collection and Control Systems [40 CFR 63.1958] AC 20-67] | [326 |
| CERTIFIC | ATION . | | |
| EMERGEN | | CURRENCE REPORT | |
| Part 70 Qu | arterly | v Report | |
| QUARTER | | VIATION AND COMPLIANCE MONITORING REPORT | |
| Attachmer | nt A: Fu | ugitive Dust Control Plan | |
| Attachmer | nt B: Re | eserved | |
| Attachmer | nt C: 40 |) CFR 62, Subpart OOO | |
| Attachmer | nt D: 40 |) CFR 61, Subpart M | |
| Attachmer | nt E: 40 |) CFR 63, Subpart AAAA | |

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.4 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary municipal solid waste landfill.

| Source Address: General Source Phone Number: SIC Code: | 6231 MacBeth Road, Fort Wayne, Indiana 46809 (260) 442-3239 4953 (Refuse Systems) 4939 (Combination Utilities, Not Elsewhere Classified) |
|--|---|
| County Location: | Allen |
| Source Location Status: Source Status: | Attainment for all criteria pollutants Part 70 Operating Permit Program |
| Source Status. | Major Source, under PSD Rules |
| | Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories |
| | Not 1 01 20 Source Categories |

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This source consists of three (3) plants:

- (a) Plant 1, National Serv-All Landfill (Plant ID: 003-00257) is located at 6231 MacBeth Road, Fort Wayne, Indiana 46809, a landfill;
- (b) Plant 2, United Refuse Landfill (Plant ID: 003-00291) is located at 5000 Smith Road, Fort Wayne, Indiana 46804, a landfill; and
- (c) Plant 3, Toro Energy, LLC's High Energy BTU Plant (Plant ID: 003-00474) is located at 5400-6398 Yohne Road, Fort Wayne, IN 46809, converting landfill gas into high BTU gas.

Since the three (3) plants are located on contiguous or adjacent properties belong to the same industrial grouping, and under common control of the same entity, they will be considered one (1) source. Separate Part 70 permits will be issued to National Serv-All Landfill, United Refuse Landfill, and Toro Energy High BTU Plant for administrative purposes and to separately address the applicability of all applicable federal rules.

A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) stationary municipal solid waste (MSW) landfill, constructed in 1966 and modified on July 1, 2005 to increase the maximum design capacity, with an approved capacity of 30,996,952 megagrams (43,541,647 cubic meters), with VOC and HAP emissions controlled by two open flares, identified as EU-3 and EU-4.

[40 CFR 62, Subpart OOO] [40 CFR 61, Subpart M] [40 CFR 63, Subpart AAAA]

(b) One (1) open landfill gas flare with a continuous pilot, constructed in 2004, identified as EU-3, with an approximate heat input of 152.10 MMBtu/hr and a maximum landfill gas

flow of 5,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(c) One (1) open landfill gas flare, constructed in 2014, identified as EU-4, with an approximate heat input of 91.26 MMBtu/hr and a maximum landfill gas flow of 3,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

A.4 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)] This stationary source also includes the following insignificant activities which are specifically

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Three (3) parts washers with a combined solvent consumption of 240 gallons per year, constructed after 1990.
- (b) Paved and unpaved roads and parking lots with public access.
- (c) One (1) solidification process used to solidify non-hazardous liquid commercial wastes including liquids from restaurant grease traps and oily liquids from car washes.
- A.5 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)] This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):
 - (a) Combustion related activities, as follows:
 - (1) Two (2) 0.150 MMBtu/hr diesel-fired torpedo heaters.
 - (2) Six (6) 0.150 MMBtu/hr diesel-fired torpedo heaters.
 - (3) One (1) Bryant office propane-fired furnace, with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (4) Eleven (11) propane-fired space heaters in the maintenance shop, each with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (5) Two (2) propane-fired radiant heaters in the LF shop, each with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (b) One (1) 136,000 gallon leachate storage tank, identified as Tank 1, with VOC emissions of less than 3 lb/hr and 15 pounds per day and HAP emissions of less than 1 lb/day.
 - (c) One (1) 20,000 gallon leachate storage tank used for leachate recirculation, identified as Tank 2 with VOC emissions of less than 3 lb/hr and 15 pounds per day and HAP emissions of less than 1 lb/day.
 - (d) One (1) 20,000 gallon leachate storage tank, identified as Tank 3 with VOC emissions of less than 3 lb/hr and 15 pounds per day and HAP emissions of less than 1 lb/day.
 - (e) Fuel dispensing activities, including a petroleum fuel other than gasoline dispensing facility, consisting of tanks having a storage tank capacity less than or equal to ten thousand five hundred (10,500) gallons, each, and dispensing three thousand five

hundred (3,500) gallons per day or less, including the following:

- (1) One (1) 10,000 gallon off-road diesel fuel underground storage tank (UST).
- (2) One (1) 2,800 gallon diesel fuel above ground storage tank (AST).
- (3) One (1) 25,000 gallon diesel fuel AST.
- (f) The following VOC and HAP storage containers:
 - (1) Storage tanks with capacity less than or equal to one thousand (1,000) gallons and annual throughputs equal to or less than twelve thousand (12,000) gallons.
 - (2) Vessels storing lubricating oils, hydraulic oils and machining fluids including the following:
 - (i) Two (2) 500 gallon motor oil AST.
 - (ii) One (1) 300 gallon gear oil AST.
 - (iii) Two (2) 500 gallon hydraulic oil AST.
 - (iv) One (1) 280 gallon used oil AST.
 - (v) Multiple 55 gallon drums containing gear oil and used oil.
- (g) Production related activities, including the following:
 - (1) Application of:
 - (i) oils;
 - (ii) greases;
 - (iii) lubricants; and
 - (iv) nonvolatile material;

as temporary protective coatings.

- (2) Welding equipment related to manufacturing activities not resulting in the emission of HAPs.
- (h) One (1) ozone treatment process including a leachate stripper, constructed in 2016, identified as EU-5, with a maximum capacity of 6.0 gallons of leachate or condensate per minute, emissions are uncontrolled.
- (i) Composting activities.
- (j) Soil venting system 22 out-of-refuse passive vents.
- (k) Twelve (12) odor control solar flares, identified as SF1 through SF12, approved in 2022 for construction, with a maximum capacity of 50 cfm, each, and exhausting to the outdoors.

[Note: Since the twelve (12) odor control solar flares SF1 through SF12 will be installed in

landfill cells in which the initial solid waste has been placed for a period of less than 5 years, pursuant to 40 CFR 62.16714(b)(2)(ii), the source is not required to collect the landfill gas with the active collection system or control that landfill gas with a control device meeting the requirements of 40 CFR 62.16714(c). Once the initial solid waste has been in place for five (5) years, landfill gas collected from those cells will need to be conveyed to control devices meeting the requirements of 40 CFR 62.16714(c).

A.6 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 Applicability).

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

- B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]
 - (a) This permit, T003-44270-00257, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
 - (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.
- B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

- B.6Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]This permit does not convey any property rights of any sort or any exclusive privilege.
- B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]
 - (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
 - (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:
 - (1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A "responsible official" is defined at 326 IAC 2-7-1(35).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region 5 Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J) 77 West Jackson Boulevard Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3]

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch) Facsimile Number: 317-233-6865

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to

be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T003-44270-00257 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit.
 [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management Permit Administration and Support Section, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management Permit Administration and Support Section, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]
- B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]
 - (a) No Part 70 permit revision or notice shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
 - (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (c) without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

Indiana Department of Environmental Management Permit Administration and Support Section, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251 and

United States Environmental Protection Agency, Region 5 Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J) 77 West Jackson Boulevard Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b)(1) and (c)(1). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1) and (c)(1).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(37)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
 - (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) Emission Trades [326 IAC 2-7-20(c)] The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)] The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.20 Source Modification Requirement [326 IAC 2-7-10.5] A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.21 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management Permit Administration and Support Section, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]
- B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]
 - (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the attached plan as in Attachment A. The provisions of 326 IAC 6-5 are not federally enforceable.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(c).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(d).

All required notifications shall be submitted to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (e) Procedures for Asbestos Emission Control The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Demolition and Renovation The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) Indiana Licensed Asbestos Inspector The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

| C.8 | Performance | Testing | [326 IAC 3-6] | |
|-----|-------------|---------|---------------|--|
|-----|-------------|---------|---------------|--|

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11] The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)][326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

- (a) For new units: Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.
- (b) For existing units:

Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251 in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. The analog instrument shall be capable of measuring values outside of the normal range.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3] Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68] If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6] Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or

- (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.
- C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]
 - (a) When the results of a stack test performed in conformance with Section C Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.
 - (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.
 - (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6] Pursuant to 326 IAC 2-6-3(b)(1), starting in 2004 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
 - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
 - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(33) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management Technical Support and Modeling Section, Office of Air Quality 100 North Senate Avenue MC 61-50 IGCN 1003 Indianapolis, Indiana 46204-2251

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:
 - (AA) All calibration and maintenance records.
 - (BB) All original strip chart recordings for continuous monitoring instrumentation.
 - (CC) Copies of all reports required by the Part 70 permit.

Records of required monitoring information include the following, where applicable:

- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
- (BB) The dates analyses were performed.
- (CC) The company or entity that performed the analyses.
- (DD) The analytical techniques or methods used.
- (EE) The results of such analyses.
- (FF) The operating conditions as existing at the time of sampling or measurement.

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit. (b) The address for report submittal is:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(c) One (1) open landfill gas flare, constructed in 2014, identified as EU-4, with an approximate heat input of 91.26 MMBtu/hr and a maximum landfill gas flow of 3,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Prevention of Significant Deterioration (PSD) Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2014 Modification permitted under SSM No. 003-34309-00257, the Permittee shall comply with the following:

- Landfill gas combusted in the open flare, identified as EU-4, shall not exceed 732,095 MMBtu per twelve (12) consecutive month period with compliance determined at the end of each month;
- (b) Carbon monoxide (CO) emissions from the open flare, identified as EU-4, shall not exceed 0.37 lb/MMBtu; and
- (c) Volatile Organic Compound (VOC) emissions from the open flare, identified as EU-4, shall not exceed 0.14 lb/MMBtu.

Compliance with these limits, along with CO and VOC emission limitations on open flare EU-2 at the United Refuse Landfill, shall limit the net emissions increase of CO from the 2014 Modification to less than one hundred (100) tons per twelve (12) consecutive month period, and the net emissions increase of VOC to less than forty (40) tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2014 Modification permitted under SSM No. 003-34309-00257.

D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for this facility and its control devices. Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plans required by this condition.

Compliance Determination Requirements [326 IAC 2-7-5(1)]

D.1.3 Landfill Gas Calculations

(a) In order to determine the compliance status with Condition D.1.1(a), the Permittee shall calculate the heat input to flare EU-4 on a monthly basis using the following equations:

Heat Input (MMBtu this month) = Landfill Gas Combusted (MMCF this month) x % by volume methane in landfill gas x 896 MMBtu/MMCF (the net heating value of pure methane in 40 CFR 63, Subpart CC, Appendix, Table 12) Heat Input (MMBtu per 12 months) = Heat Input (MMBtu this month) + Heat Input (MMBtu last eleven (11) months)

(b) In order to determine the compliance status with Condition D.1.1(a), the Permittee shall measure the methane content, in % by volume, of the landfill gas collected by the active landfill gas collection and control system at least once per month using a portable analyzer.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.1.4 Record Keeping Requirements
 - (a) To document the compliance status with Condition D.1.1(a) and Condition D.1.3(a), the Permittee shall maintain a monthly record of the amount of landfill gas combusted in MMCF in flare EU-4.
 - (b) To document the compliance status with Condition D.1.1(a) and Condition D.1.3(a), the Permittee shall maintain a monthly record of the calculated heat input to landfill gas control flare EU-4.
 - (c) To document the compliance status with Condition D.1.1(a) and Condition D.1.3(b), the Permittee shall measure and maintain a monthly record of the methane content of landfill gas combusted in the landfill gas control flare EU-4 using a portable analyzer.
 - (d) Section C General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.1.5 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.1(a) shall be submitted using the reporting form located at the end of this permit, or its equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Specifically Regulated Insignificant Activities:

(a) Three (3) parts washers with a combined solvent consumption of 240 gallons per year, constructed after 1990.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.2.1 Cold Cleaner Degreaser Control Equipment and Operating Requirements [326 IAC 8-3-2] Pursuant to 326 IAC 8-3-2 (Cold Cleaner Degreaser Control Equipment and Operating Requirements), the Permittee shall:
 - (a) Comply with the following control equipment and operating requirements:
 - (1) Equip the degreaser with a cover.
 - (2) Equip the degreaser with a device for draining cleaned parts.
 - (3) Close the degreaser cover whenever parts are not being handled in the degreaser.
 - (4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
 - (5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (3), (4), (6), and (7).
 - (6) Store waste solvent only in closed containers.
 - (7) Prohibit the disposal or transfer of waste solvent in a manner that would allow greater than twenty percent (20%) of the waste solvent (by weight) to evaporate into the atmosphere.
 - (b) Comply with the following additional control equipment and operating requirements:
 - (1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.
 - (C) A refrigerated chiller.
 - (D) Carbon adsorption.
 - (2) Ensure the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.
 - (3) If used, solvent spray must be:
 - (A) performed in an enclosed chamber, with or without venting; or

(B) a solid, fluid stream applied at a pressure that does not cause excessive splashing.

D.2.2 Material Requirements for Cold Cleaner Degreasers [326 IAC 8-3-8]

Pursuant to 326 IAC 8-3-8 (Material Requirements for Cold Cleaner Degreasers), the Permittee shall not operate a cold cleaning degreaser with a solvent that has a VOC composite partial vapor pressure that exceeds one (1) millimeter of mercury (nineteen-thousandths (0.019) pound per square inch) measured at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit).

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.2.4 Record Keeping Requirements
 - (a) To document the compliance status with Condition D.2.2, the Permittee shall maintain the following records for each purchase of solvent used in the cold cleaner degreasing operations. These records must be retained on-site or accessible electronically for the most recent three (3) year period and shall be reasonably accessible for an additional two (2) year period.
 - (1) The name and address of the solvent supplier.
 - (2) The date of purchase (or invoice/bill dates of contract servicer indicating service date).
 - (3) The type of solvent purchased.
 - (4) The total volume of the solvent purchased.
 - (5) The true vapor pressure of the solvent measured in millimeters of mercury at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit).
 - (b) Section C General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Specifically Regulated Insignificant Activity:

(c) One (1) solidification process used to solidify non-hazardous liquid commercial wastes including liquids from restaurant grease traps and oily liquids from car washes.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Emission Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from the welding facility shall not exceed 13.50 pounds per hour when operating at a process weight rate of 5.92 tons per hour.

The pounds per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

E = 4.10 P^{0.67}

Where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for this facility and its control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

| (a) | One (1) stationary municipal solid waste (MSW) landfill, constructed in 1966 and modified on |
|-----|--|
| | July 1, 2005 to increase the maximum design capacity, with an approved capacity of |
| | 30,996,952 megagrams (43,541,647 cubic meters), with VOC and HAP emissions controlled |
| | by two open flares, identified as EU-3 and EU-4. |

[40 CFR 62, Subpart OOO] [40 CFR 61, Subpart M] [40 CFR 63, Subpart AAAA]

(b) One (1) open landfill gas flare with a continuous pilot, constructed in 2004, identified as EU-3, with an approximate heat input of 152.10 MMBtu/hr and a maximum landfill gas flow of 5,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(c) One (1) open landfill gas flare, constructed in 2014, identified as EU-4, with an approximate heat input of 91.26 MMBtu/hr and a maximum landfill gas flow of 3,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.4.1 Federal Standards Applicable to Certain Municipal Solid Waste Landfills [326 IAC 8-8.2] Pursuant to 326 IAC 8-8.2-1, the Permittee is subject to the applicable requirements under 40 CFR 62, Subpart OOO (July 1, 2021 Edition, as amended by 87 FR 8203), except for the following authorities are not delegated to the state:
 - (a) Approval of alternative methods to determine the nonmethane organic compounds concentration or a site-specific nonmethane generation rate constant k as provided in 40 CFR 62.16718(a)(5).
 - (b) Alternative emission standards.
 - (c) Major alternatives to test methods or monitoring that make modifications to a federally enforceable test method or to a federal monitoring requirement. These changes may involve the use of unproven technology or modified procedures or an entirely new method.
 - (d) Waiver of record keeping.

D.4.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

SECTION E.1

Federal Plan

Emissions Unit Description:

(a) One (1) stationary municipal solid waste (MSW) landfill, constructed in 1966 and modified on July 1, 2005 to increase the maximum design capacity, with an approved capacity of 30,996,952 megagrams (43,541,647 cubic meters), with VOC and HAP emissions controlled by two open flares, identified as EU-3 and EU-4.

[40 CFR 62, Subpart OOO] [40 CFR 61, Subpart M] [40 CFR 63, Subpart AAAA]

(b) One (1) open landfill gas flare with a continuous pilot, constructed in 2004, identified as EU-3, with an approximate heat input of 152.10 MMBtu/hr and a maximum landfill gas flow of 5,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(c) One (1) open landfill gas flare, constructed in 2014, identified as EU-4, with an approximate heat input of 91.26 MMBtu/hr and a maximum landfill gas flow of 3,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Federal Plan Requirements [326 IAC 2-7-5(1)]

- E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]
 - Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A General Provisions, which are incorporated by reference as 326 IAC 12-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 62, Subparts A and OOO.
 - (b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

E.1.2 Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction On or Before July 17, 2014 and Have Not Been Modified or Reconstructed Since July 17, 2014 [40 CFR Part 62, Subpart OOO]

The Permittee shall comply with the following provisions of 40 CFR Part 62, Subpart OOO (included as Attachment C to the operating permit), for the emission unit(s) listed above:

- (1) 40 CFR 62.16710
- (2) 40 CFR 62.16711(a), (d) (f), (h)
- (3) 40 CFR 62.16714(a)(1) (3), (b)(1)(ii), (b)(2), (c)(1), (c)(3), (c)(4), (f)
- (4) 40 CFR 62.16718(b), (c), (d)(1)
- (5) 40 CFR 62.16724(d), (e) (g), (j) (l), (q)

Republic Services of Indiana LP dba National Serv-All Landfill Fort Wayne, Indiana Administrative Amendment No. 003-47946-00257 Permit Reviewer: Natalie Moore Amended by: Tori Tamburrino

- (6) 40 CFR 62.16726(a), (b)(1), (b)(4), (b)(5), (c)(2), (c)(4), (c)(5), (d), (e)(6), (h) (j)
- (7) 40 CFR 62.16728
- (8) 40 CFR 62.16730

SECTION E.2

NESHAP

Emissions Unit Description:

(a) One (1) stationary municipal solid waste (MSW) landfill, constructed in 1966 and modified on July 1, 2005 to increase the maximum design capacity, with an approved capacity of 30,996,952 megagrams (43,541,647 cubic meters), with VOC and HAP emissions controlled by two open flares, identified as EU-3 and EU-4.

[40 CFR 62, Subpart OOO] [40 CFR 61, Subpart M] [40 CFR 63, Subpart AAAA]

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)]

- E.2.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 61 [326 IAC 14-1] [40 CFR Part 61, Subpart A]
 - Pursuant to 40 CFR 61.1 the Permittee shall comply with the provisions of 40 CFR Part 61, Subpart A General Provisions, which are incorporated by reference as 326 IAC 14-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 61, Subpart M.
 - (b) Pursuant to 40 CFR 63.10, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

- E.2.2 National Emission Standards for Asbestos NESHAP [40 CFR Part 61, Subpart M] [326 IAC 14-2] The Permittee shall comply with the following provisions of 40 CFR Part 61, Subpart M (included as Attachment D to the operating permit), which are incorporated by reference as 326 IAC 14-2, for the emission unit(s) listed above:
 - (1) 40 CFR 61.140
 - (2) 40 CFR 61.141
 - (3) 40 CFR 61.153
 - (4) 40 CFR 61.154
 - (5) 40 CFR 61.156, Table 1
 - (6) 40 CFR 61.157

SECTION E.3

NESHAP

Emissions Unit Description:

(a) One (1) stationary municipal solid waste (MSW) landfill, constructed in 1966 and modified on July 1, 2005 to increase the maximum design capacity, with an approved capacity of 30,996,952 megagrams (43,541,647 cubic meters), with VOC and HAP emissions controlled by two open flares, identified as EU-3 and EU-4.

[40 CFR 62, Subpart OOO] [40 CFR 61, Subpart M] [40 CFR 63, Subpart AAAA]

(b) One (1) open landfill gas flare with a continuous pilot, constructed in 2004, identified as EU-3, with an approximate heat input of 152.10 MMBtu/hr and a maximum landfill gas flow of 5,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(c) One (1) open landfill gas flare, constructed in 2014, identified as EU-4, with an approximate heat input of 91.26 MMBtu/hr and a maximum landfill gas flow of 3,000 SCFM, controlling VOC and HAP emissions from the MSW landfill.

[40 CFR 62, Subpart OOO] [40 CFR 63, Subpart AAAA]

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)]

- E.3.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]
 - Pursuant to 40 CFR 63.1 the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A General Provisions, which are incorporated by reference as 326 IAC 20-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 63, Subpart AAAA.
 - (b) Pursuant to 40 CFR 63.10, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management Compliance and Enforcement Branch, Office of Air Quality 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251

E.3.2 National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills NESHAP [40 CFR Part 63, Subpart AAAA] [326 IAC 20-67]

The Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart AAAA (included as Attachment E to the operating permit), which are incorporated by reference as 326 IAC 20-67, for the emission unit(s) listed above:

- (1) 40 CFR 63.1930
- (2) 40 CFR 63.1935(a)(3)
- (3) 40 CFR 63.1940(a) and (b)
- (4) 40 CFR 63.1945(a)

Republic Services of Indiana LP dba National Serv-All LandfillFort Wayne, IndianaAdministrative Amendment No. 003-47946-00257Permit Reviewer:Natalie MooreAmended by: Tori Tamburrino

| (5) | 40 CFR 63.1950 |
|------|--|
| (6) | 40 CFR 63.1955(a) and (c) |
| (7) | 40 CFR 63.1957 |
| (8) | 40 CFR 63.1958 |
| (9) | 40 CFR 63.1959(b)(2)(ii) and (iii), (c), (e)(1), (f) |
| (10) | 40 CFR 63.1960 |
| (11) | 40 CFR 63.1961(a), (c), (f) - (h) |
| (12) | 40 CFR 63.1962 |
| (13) | 40 CFR 63.1964 |
| (14) | 40 CFR 63.1965 |
| (15) | 40 CFR 63.1975 |
| (16) | 40 CFR 63.1981(e) - (h), (j) - (n) |
| (17) | 40 CFR 63.1983(a) - (e), (g) - (i) |
| (18) | 40 CFR 63.1985 |
| (19) | 40 CFR 63.1990 |

- (20) Table 1 to Subpart AAAA
- E.3.3 Operational Standards for Collection and Control Systems [40 CFR 63.1958] [326 IAC 20-67] In order to comply with 40 CFR 63.1958, the Permittee shall:
 - (a) Operate each interior wellhead in the collection system with a landfill gas temperature less than 62.8°C (145°F), except as indicated below:

| Well ID | Upper Temperature | Upper Temperature |
|---------|-------------------|-------------------|
| | Limit (°C) | Limit (°F) |
| C18R | 65.6 | 150 |
| C24R | 65.6 | 150 |
| C30 | 65.6 | 150 |
| C38R | 71.1 | 160 |
| C39R2 | 71.1 | 160 |
| C40B | 68.3 | 155 |
| C40R | 65.6 | 150 |
| C41R2 | 71.1 | 160 |
| C42R2 | 71.1 | 160 |
| C44R2 | 65.6 | 150 |
| C46R2 | 65.6 | 150 |
| C47R2 | 65.6 | 150 |
| C48R2 | 65.6 | 150 |
| C49R2 | 65.6 | 150 |
| C51A | 68.3 | 155 |
| C52 | 65.6 | 150 |
| C52A | 68.3 | 155 |
| C53R | 71.1 | 160 |
| C56 | 65.6 | 150 |
| C57 | 65.6 | 150 |
| C57A | 68.3 | 155 |
| C59R | 65.6 | 150 |
| C69 | 71.1 | 160 |
| D61A | 71.1 | 160 |
| D66 | 65.6 | 150 |
| D67 | 65.6 | 150 |
| D69 | 65.6 | 150 |
| D74 | 65.6 | 150 |
| D100A | 65.6 | 150 |

Republic Services of Indiana LP dba National Serv-All LandfillFort Wayne, IndianaAdministrative Amendment No. 003-47946-00257Permit Reviewer:Natalie MooreAmended by: Tori Tamburrino

| 68.3 | 155 |
|------|--|
| 68.3 | 155 |
| 68.3 | 155 |
| 71.1 | 160 |
| 71.1 | 160 |
| 71.1 | 160 |
| 71.1 | 160 |
| 71.1 | 160 |
| | 68.3 68.3 71.1 71.1 71.1 71.1 71.1 |

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH PART 70 OPERATING PERMIT CERTIFICATION

| S | ource Name: ource Address: art 70 Permit No.: | Republic Services of Indiana LP dba National Serv-All Landfill 6231 MacBeth Road, Fort Wayne, Indiana 46809 T003-44270-00257 |
|---|---|--|
| | | be included when submitting monitoring, testing reports/results required by this permit. |

Please check what document is being certified:

□ Annual Compliance Certification Letter

Test Result (specify)

Notification (specify)

□ Affidavit (specify)_____

□ Other (specify) _____

| I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. |
|---|
| Signature: |
| Printed Name: |
| Title/Position: |
| Phone: |
| Date: |
| |

Page 40 of 44 T003-44270-00257

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH 100 North Senate Avenue MC 61-53 IGCN 1003 Indianapolis, Indiana 46204-2251 Phone: (317) 233-0178 Fax: (317) 233-6865

PART 70 OPERATING PERMIT EMERGENCY OCCURRENCE REPORT

| Source Name: | Republic Services of Indiana LP dba National Serv-All Landfill |
|---------------------|--|
| Source Address: | 6231 MacBeth Road, Fort Wayne, Indiana 46809 |
| Part 70 Permit No.: | T003-44270-00257 |

This form consists of 2 pages

Page 1 of 2

□ This is an emergency as defined in 326 IAC 2-7-1(12)

- The Permittee must notify the Office of Air Quality (OAQ), within four (4) daytime business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

If an

| any of the following are not applicable, mark N/A | Page 2 of 2 |
|--|-------------|
| Date/Time Emergency started: | |
| Date/Time Emergency was corrected: | |
| Was the facility being properly operated at the time of the emergency? | Y N |
| Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other: | |
| Estimated amount of pollutant(s) emitted during emergency: | |
| Describe the steps taken to mitigate the problem: | |
| Describe the corrective actions/response steps taken: | |
| Describe the measures taken to minimize emissions: | |
| If applicable, describe the reasons why continued operation of the facilities are ne imminent injury to persons, severe damage to equipment, substantial loss of capi of product or raw materials of substantial economic value: | |
| Form Completed by: | |
| Title / Position: | |
| Date: | |

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH

Part 70 Quarterly Report

Source Name: Source Address: Part 70 Permit No.: Facility: Parameter: Limit: Republic Services of Indiana LP dba National Serv-All Landfill 6231 MacBeth Road, Fort Wayne, Indiana 46809 T003-44270-00257 Open Flare EU-4 Landfill Gas Combustion Landfill gas combusted in the open flare, identified as EU-4, shall not exceed 732,095 MMBtu per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:_____

YEAR:_____

| | Column 1 | Column 2 | Column 1 + Column 2 |
|-------|------------------------------------|------------------------------------|------------------------------------|
| Month | Landfill Gas Combustion (MMBtu) | Landfill Gas Combustion (MMBtu) | Landfill Gas Combustion (MMBtu) |
| | This Month | Previous 11 Months | 12 Month Total |
| | | | |
| | | | |
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| | | | |

- No deviation occurred in this quarter.Deviation/s occurred in this quarter.
 - Deviation/s occurred in this quarter. Deviation has been reported on:

Submitted by:_____

Title / Position:

Signature: _____

Date: _____

Phone: _____

Page 43 of 44 T003-44270-00257

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH PART 70 OPERATING PERMIT QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

| Source Name: Source Address: Part 70 Permit No.: | | iana LP dba National Serv-All I rt Wayne, Indiana 46809 | _andfill |
|---|---|---|--|
| Months | to | Year: | |
| | | | Page 1 of 2 |
| Section B - Emergency P General Reporting. Any d the probable cause of the required to be reported pu shall be reported accordin be included in this report. | rovisions satisfies the rep eviation from the requiren deviation, and the respor ursuant to an applicable re ng to the schedule stated Additional pages may be | calendar year. Proper notice s orting requirements of paragrap nents of this permit, the date(s) nse steps taken must be report equirement that exists independ in the applicable requirement a e attached if necessary. If no d courred this reporting period". | ph (a) of Section C-) of each deviation, ed. A deviation dent of the permit, and does not need to |
| □ NO DEVIATIONS OCC | URRED THIS REPORTI | NG PERIOD. | |
| | VIATIONS OCCURRED T | THIS REPORTING PERIOD | |
| Permit Requirement (sp | ecify permit condition #) | | |
| Date of Deviation: | | Duration of Deviation: | |
| Number of Deviations: | | | |
| Probable Cause of Devi | ation: | | |
| Response Steps Taken: | | | |
| Permit Requirement (sp | ecify permit condition #) | | |
| Date of Deviation: | | Duration of Deviation: | |
| Number of Deviations: | | | |
| Probable Cause of Devi | ation: | | |
| Response Steps Taken: | | | |

| | Page 2 of 2 |
|--|------------------------|
| Permit Requirement (specify permit condition #) | |
| Date of Deviation: | Duration of Deviation: |
| Number of Deviations: | |
| Probable Cause of Deviation: | |
| Response Steps Taken: | |
| Permit Requirement (specify permit condition #) | |
| Date of Deviation: | Duration of Deviation: |
| Number of Deviations: | |
| Probable Cause of Deviation: | |
| Response Steps Taken: | |
| Permit Requirement (specify permit condition #) | |
| Date of Deviation: | Duration of Deviation: |
| Number of Deviations: | |
| Probable Cause of Deviation: | |
| Response Steps Taken: | |
| Form Completed by: | |
| Title / Position: | |
| Date: | |
| Phone: | |



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

Brian C. Rockensuess Commissioner

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

- TO: Stephanie Goodman Republic Services of Indiana LP dba National Serv All Landfill 6231 MacBeth Rd Fort Wayne, IN 46809
- DATE: July 2, 2024
- FROM: Jenny Acker, Branch Chief Permits Branch Office of Air Quality
- SUBJECT: Final Decision TV Administrative Amendment 003-47946-00257

This notice is to inform you that a final decision has been issued for the air permit application referenced above.

Our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person. In addition, the Notice of Decision has been sent to the OAQ Permits Branch Interested Parties List and, if applicable, the Consultant/Agent and/or Responsible Official/Authorized Individual.

The final decision and supporting materials are available electronically; the original signature page is enclosed for your convenience. The final decision and supporting materials available electronically at:

IDEM's online searchable database: <u>http://www.in.gov/apps/idem/caats/</u>. Choose Search Option **by Permit Number**, then enter permit 47946

and

IDEM's Virtual File Cabinet (VFC): <u>https://www.in.gov/idem</u>. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, or have difficulty accessing the documents online, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover Letter 8/20/20-acces via website





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 Brian C. Rockensuess Commissioner

July 2, 2024 Republic Services of Indiana LP dba National Serv All Landfill 003-47946-00257

To: Interested Parties

This notice is to inform you that a final decision has been issued for the air permit application referenced above. This notice is for informational purposes only. You are not required to take any action.

You are receiving this notice because you asked to be on IDEM's notification list for this company and/or county; or because your property is nearby the company being permitted; or because you represent a local/regional government entity.

The enclosed Notice of Decision Letter provides additional information about the final permit decision.

The final decision and supporting materials are available electronically at:

IDEM's online searchable database: <u>http://www.in.gov/apps/idem/caats/</u> . Choose Search Option by Permit Number, then enter permit 47946

and

IDEM's Virtual File Cabinet (VFC): <u>https://www.in.gov/idem.</u> Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit.

Please Note: If you would like to be removed from the Air Permits mailing list, please contact Joanne Smiddie-Brush with the Air Permits Administration Section at 1-800-451-6027, ext. 3-0185 or via e-mail at JBRUSH@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.



Mail Code 61-53

| IDEM Staff | JLSCOTT 7/2/2024 | | | |
|------------|------------------|---|----------------|-------------|
| | Republic Service | <u>s of IN LP dba National Serv All Landfill 00</u> | AFFIX STAMP | |
| Name and | • | Indiana Department of Environmental | Type of Mail: | HERE IF |
| address of | | Management | | USED AS |
| Sender | | Office of Air Quality – Permits Branch | CERTIFICATE OF | CERTIFICATE |
| | | 100 N. Senate | MAILING ONLY | OF MAILING |
| | | Indianapolis, IN 46204 | | |

| Line | Article Number | Name, Address, Street and Post Office Address | Postage | Handing Charges | Act. Value (If Registered) | Insured Value | Due Send if COD | R.R. Fee | S.D. Fee | S.H. Fee | Rest. Del. Fee Remarks |
|------|-------------------|--|--------------------|--------------------|-------------------------------|------------------|--------------------|-------------|----------|-------------|------------------------------|
| 1 | | Stephanie Goodman Republic Services of IN LP dba National Serv All L 6231 MacBet | h Rd Fort Wa | ayne IN 46809 | I (Source CAATS) via | UPS | | | | | Remarks |
| 2 | | Duane & Deborah Clark Clark Farms 4520 S 700 E Columbia City IN 46725 (Affecte | d Party) | | | | | | | | |
| 3 | | Fort Wayne City Council and Mayors Office 200 E Berry St, Ste 120 Fort Wayne IN | 16802 <i>(Loca</i> | l Official) | | | | | | | |
| 4 | | Mr. Chris Brown Plumbers & Steamfitters, Local 166 2930 W Ludwig Rd Fort Wayne IN | 46818-132 | 8 (Affected Pa | rty) | | | | | | |
| 5 | | Allen County Board of Commissioners 200 E Berry St, Ste 410 Fort Wayne IN 46802 | 2 (Local Offic | cial) | | | | | | | |
| 6 | | Fort Wayne-Allen County Health Department 200 E Berry St, Ste 360 Fort Wayne IN | 46802 (Hea | alth Departmen | t) | | | | | | |
| 7 | | Lisa Green The Journal Gazette 600 W Main St Fort Wayne IN 46802 (Affected Party | 1) | | | | | | | | |
| 8 | | Kristen Schneider Environmental Information Logistics LLC 534 Duane St Glen Ellyn II | L 60137 (Co | onsultant) | | | | | | | |
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| | | | inured and COD mail. See International Mail Manual for limitations o coverage on international |
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