Omni Waste of Osceola County, LLC

J.E.D. Solid Waste Management Facility

Facility ID No. 0970079
Osceola County

Title V Air Operation Permit Renewal

Permit No. 0970079-012-AV

(Renewal of Title V Air Operation Permit No. 0970079-007-AV)

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resource Management
Office of Permitting and Compliance
2600 Blair Stone Road

Mail Station #5505
Tallahassee, Florida 32399-2400

Telephone: 850/717-9000
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Compliance Authority:

State of Florida
Department of Environmental Protection
Central District Office

3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

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Title V Air Operation Permit Renewal

Permit No. 0970079-012-AV

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
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2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

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PERMITTEE:
Omni Waste of Osceola County, LLC

Permit No. 0970079-012-AV
J.E.D. Solid Waste Management Facility
Facility ID No. 0970079
Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V air operation permit for the above referenced facility. This existing facility is located in Osceola County at 1501 Omni Way, St. Cloud, Florida; UTM Coordinates are: Zone 17, 491.6 East and 3102.9 North. Latitude is: 28°03'6.5" North; and, Longitude is: 81°05'8.4" West.

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: April 8, 2015
Renewal Application Due Date: August 27, 2019
Expiration Date: April 8, 2020

For the Division of Air Resource Management

David L. Read, P.E.
2015.04.08
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For:
Jeffery F. Koerner, Deputy Director
Division of Air Resource Management

JFK/dlr/sms

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

The J.E.D. Solid Waste Management Facility is located in Osceola County at 1501 Omni Way, St. Cloud, Florida.

The existing J.E.D. Landfill facility is located approximately 60 kilometers (km) (38 miles) southeast of downtown Orlando. The J.E.D. Landfill is an active Class I Landfill with a municipal solid waste (MSW) design capacity greater than 2.5 million megagrams (Mg) by mass or 2.5 million cubic meters by volume. This landfill began receiving solid waste in January 2004. The Class I Landfill has a gas collection system and a flare.

The facility currently operates one 3,600-scfm open flare (E.U. ID No. 002) used as the primary flare, which was installed in 2008. The open flare is not equipped with a bypass in which LFG can bypass the control device in an uncombusted manner.

Also included at the facility are miscellaneous insignificant emissions units and/or activities.

Subsection B. Summary of Emissions Units.

E.U. ID No.	Brief Description
Regulated Emissions Units	
001	MSW Class I Landfill with Gas Extraction - Cells 1-23
002	*existing* Open Candlestick Utility Flare, Flare #1

Subsection C. Applicable Requirements.

Based on the Title V air operation permit renewal application received on November 13, 2014, the existing facility is not a major source of hazardous air pollutants (HAP). The existing facility is not classified as a Prevention of Significant Deterioration (PSD) major facility. A summary of important applicable requirements is shown in the following table.

Applicable Requirement	E.U. ID No(s).
Rule 62-210.300, F.A.C., Permits Required	001 & 002
40 CFR 60, Subpart A, Standards of Performance for New Stationary Sources (NSPS) General Provisions	001 & 002
40 CFR 60, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills	001 & 002
40 CFR 61, Subpart A, National Emission Standards for Hazardous Air Pollutants (NESHAP) General Provisions	001
40 CFR 61, Subpart M, NESHAP for Asbestos	001
40 CFR 63, Subpart A, General Provisions	001 & 002
40 CFR 63, Subpart AAAA, National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills	001 & 002

SECTION II. FACILITY-WIDE CONDITIONS.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV., Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. Not federally enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-296.320(2) & 62-210.200 (Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1)(a), F.A.C.]

{Permitting note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.]

FW5. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.

Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a. Paving and maintenance of roads, parking areas and yards;
b. Landscaping and planting of vegetation;
c. Regular mowing of grass and care of vegetation;
d. Covering, at all times when in motion, open bodied trucks that are transporting materials for disposal in the landfill;
e. Prompt removal of earth or other material from paved streets onto which earth or other material has been deposited;
f. Using water trucks to apply water on unpaved areas and during construction activities;
g. Limiting access to plant property by unnecessary vehicles; and,
h. Other techniques, as necessary.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in the Title V air operation permit renewal application received on November 13, 2014.]

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements, for additional details.

FW6. Electronic Annual Operating Report (EAOR) and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1st of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP's Division of Air Resource Management instead of

using the reporting software. Emissions shall be computed in accordance with the provisions of Rule 62-210.370(2), F.A.C. Each Title V source must pay between January 15th and April 1st of each year an annual emissions fee in an amount determined as set forth in Rule 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida. 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, Section 403.0872(11), Florida Statutes (2013)]

{Permitting notes:

If the permittee chooses to use the EAOR software, instructions provided with the system should be followed.

Resources to help complete the AOR are available on the website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.

Also, the Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) was repealed; a separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the U.S. EPA at the address shown below within 60 days after the end of each calendar year during which the Title V air operation permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

{Permitting note: As specified in Specific Condition RR7 of Appendix RR, the permittee shall use DEP Form No. 62-213.900(7) to comply with this requirement.}

U.S. Environmental Protection Agency, Region 4
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall:

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through U.S. EPA's Central Data Exchange system at the following website address: https://cdx.epa.gov. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: http://www2.epa.gov/rmp. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: 703/227-7650.

b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68.]

Subsection A. Emission Units 001 & 002
MSW Class I Landfill & Flare

The specific conditions in this section apply to the following emissions unit(s):

E.U. ID No.	Brief Description
001	MSW Class I Landfill with Gas Extraction - Cells 1-23
002	*existing* Open Candlestick Utility Flare, Flare #1

The J.E.D. Landfill is an active Class I Landfill with a municipal solid waste (MSW) design capacity greater than 2.5 million megagrams (Mg) by mass or 2.5 million cubic meters by volume. The Class I Landfill has a gas collection & control system (GCCS). The GCCS collects generated landfill gas and conveys the collected emissions to the installed flare.

The ultimate design capacity of the Class I landfill is estimated to be 81.5 million tons (79.3 Mg) by mass. The landfill commenced construction in April 2003. This landfill began receiving solid waste in January 2004. The yearly waste acceptance at the Class I landfill varies and has averaged approximately 1,500,000 tons/yr (1,360,800 Mg/yr). The Class I landfill currently accepts municipal solid waste. The Class I landfill is permitted to receive asbestos and began receiving asbestos in 2007 and plans to continue receiving asbestos (waste material) as waste trends allow.

Cells 1-10 of this landfill comprise the waste Phases I-III. Construction of cells 1-10 was authorized by Permit No. 0970079-001-AC at a capacity of 16.2 million tons. Expansion of the Class I Landfill into cells 11-23 was authorized by Permit No. 0970079-011-AC/PSD-FL-429 which allowed the capacity to increase to 81.5 million tons. The footprint for cells 1-10 is approximately 123 acres and with the expansion into the additional cells 11-23 the total footprint of the Class I Landfill will be approximately 360 acres. At full build-out the height of the landfill will be about 330 feet (NGVD).

Non-methane organic compound (NMOC) emissions from the landfill were calculated to be greater than 50 Mg per year, therefore, gas collection and control systems were required. Collection and control of landfill gas emissions began in December 2008.

The facility currently has one flare located at the landfill. The flare is used to control emissions from the landfill. The gas flow rate from the Class I landfill flare is 1,892.2 million ft^3/year. The flare is rated based on a maximum heat content of 550 Btu/scfm. The Class I landfill flare, a 3,600 scfm flare (Emissions Unit ID No. 002) was manufactured by Shaw LFG Specialties, LLC, model number PCFT1454I12 and began operations in December 2008. The flare's height is 54 feet with an exit diameter of 1 feet. The flare exit temperature is 1,350 degrees F.

The J.E.D. Landfill expansion under Permit No. 0970079-011-AC/PSD-FL-429 authorized additional open candlestick utility flares to achieve a total facility-wide flaring capacity of up to 18,000 scfm (includes new flaring capacity of 14,400 scfm and the existing flaring capacity of 3,600 scfm) to be installed for the full build-out LFG collection capacity of 15,845 scfm (estimated based on LANDGEM modeling results).

This Class I landfill is expected to close (fully built-out) in 2041.

{Permitting note(s): These emissions units are regulated under Rule 62-210.300, F.A.C., Permits Required; 40 CFR 60, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills adopted by reference in Rule 62-204.800(8)(b), F.A.C.; 40 CFR 63, Subpart AAAA, National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills adopted by reference in Rule 62-204.800(11)(b), F.A.C.; and, 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Asbestos adopted by reference in Rule 62-204.800(10)(b), F.A.C. The flares are regulated under the NSPS 40 CFR 60, Subpart A, General Provisions, specifically at 40 CFR 60.18(b), adopted by reference in Rule 62-204.800(8)(d), F.A.C.}

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The total solid waste disposal rate for the facility shall not exceed 3,526,403 tons per year. The solid waste disposed during Phase I through Phase III shall not exceed 16.2 million tons. [Rules

62-4.160(2) and 62-210.200, *Definitions - Potential to Emit (PTE)*, F.A.C.; and, Permit No. 0970079-006-AC.]

A.2. Permitted Capacity. The existing J.E.D. Landfill may be expanded to an estimated new capacity of 81.5 million tons. [Rules 62-4.160(2) and 62-210.200, *PTE*, F.A.C.; and, Permit No. 0970079-011-AC/PSD-FL-429.]

A.3. Permitted Capacity. The J.E.D. Landfill shall notify the Department when Cell 11 begins to accept MSW. [Rule 62-213.440(2), F.A.C.; and, Permit No. 0970079-011-AC/PSD-FL-429.]

A.4. LFG Collection & Control System. The expanded J.E.D. Landfill shall include installation of a GCCS for the additional cells and routing of the LFG from the GCCS to the flares and to the CAT® engines after being processed in a gas treatment & conditioning system. [Permit No. 0970079-011-AC/PSD-FL-429; and, Rule 62-212.400, PSD - BACT Determination, F.A.C.]

A.5. Flares - Permitted Capacity. The permittee is authorized to operate and maintain the existing open candlestick utility flare (LFG Specialties Model No. PCFT1454I12) that fires LFG. [Rules 62-4.160(2) and 62-210.200, PTE, F.A.C.; and, Permit Nos. 0970079-001-AC, 0970079-002-AC & 0970079-011-AC/PSD-FL-429.]

A.6. Hours of Operation. These emissions units may operate continuously (8,760 hours/year). [Rule 62-210.200, *PTE*, F.A.C.; and, Permit Nos. 0970079-001-AC, 0970079-002-AC & 0970079-011-AC/PSD-FL-429.]

A.7. Flares - Landfill Gas Flow Rate. The owner or operator shall not allow more than 3,600 scfm of landfill gas to be directed to the existing flare and 14,400 scfm of landfill gas to the new flares. [Rule 62-210.200, *PTE*, F.A.C.; and, Permit No. 0970079-011-AC/PSD-FL-429.]

Landfills - Collection System Temperature, Pressure, Oxygen and Nitrogen Requirements

A.8. Landfills - Collection System Temperature Requirements. The permittee requested and received approval from the Department to establish higher landfill gas temperatures for several of the interior wellheads (extraction wells, e.g., designations such as "GW"s and "HGC"s) in the gas collection system. The owner or operator shall operate each interior wellhead in the collection system with a landfill gas temperature less than the approved maximums. Approvals as of the submitted permit renewal application are included in Appendix AOPV, Alternate Operating Parameter Values for Specified Gas Extraction Wells. [Rule 62-204.800(8)(b), F.A.C.; 40 CFR 60.753(c); and, DEP approvals dated 2009-2014.]

A.9. Landfills - Collection System Pressure & Oxygen Requirements. The permittee may request and receive approval from the Department to establish different pressure & oxygen levels in the gas collection system. The owner or operator shall operate the gas collection system in accordance with the approvals. Approvals as of the submitted permit renewal application are included in Appendix AS, Alternate Standards for Low Gas Production Extraction Wells and Leachate Cleanout Riser Connections. [Rule 62-204.800(8)(b), F.A.C.; and, 40 CFR 60.753(b)&(c).]

Flares - General Control Device Requirements

A.10. Flares - Operation. The flares shall be operated with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f). [Rule 62-204.800(8)(d), F.A.C.; and, 40 CFR 60.18(c)(2)]

A.11. Flares - Exit Velocity. The flares shall be operated with an exit velocity, in accordance with 40 CFR 60.18(c)(4) and (5), as determined by the methods specified in 40 CFR 60.18(f)(4) and (f)(6). [Rule 62-204.800(8)(d), F.A.C.; and, 40 CFR 60.18(c)(4) & (5)]

A.12. Flares - Actual Exit Velocity. The owner or operator shall annually determine the actual exit velocity of each flare. [Rules 62-4.160(2) and 62-4.070(1)&(3), F.A.C.]

A.13. Flares - Operation. Flares used to comply with provisions of 40 CFR 60, Subpart A shall be operated at all times when emissions may be vented to them. [Rule 62-204.800(8)(d), F.A.C.; and, 40 CFR 60.18(e)]

Emission Limitations and Standards

Unless otherwise specified, the averaging time(s) for Specific Condition **A.14.** is based on the specified averaging time of the applicable test method.

A.14. Flares - Visible Emissions. The flares shall be operated with no visible emissions (VE), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. [Rule 62-204.800(8)(d), F.A.C.; and, 40 CFR 60.18(c)(1).]

Monitoring Requirements

{Permitting note: TABLE L-1. SUMMARY OF MONITORING REQUIREMENTS FOR MSW LANDFILLS under 40 CFR 60, Subpart WWW and 40 CFR 63, Subpart AAAA, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.15. Flares - Landfill Gas Flow Rate. Total landfill gas flow to the flares shall be continuously measured and recorded. [Rules 62-4.160(2) and 62-4.070(1)&(3), F.A.C.]

A.16. Flares - Landfill Gas Flow Rate. The actual flow rate shall be determined for each flare on a monthly average basis by dividing the measured flow by the hours that each flare was operated each month. Compliance with this limitation shall be by measuring landfill gas flows to each flare and recording flows with a totalizing meter. Records of the totalizing meter values shall be recorded in an operators log monthly, or whenever the meter is reset for any purpose, whichever is more frequent. The owner or operator shall maintain a strip chart recorder to record the flow rate to each flare as a backup device in the event that the totalizer meter is not functioning; the strip chart recorder shall also be used in conjunction with an operators log to document the hours each month that each flare was operated. [Rules 62-4.160(2) and 62-4.070(1)&(3), F.A.C.]

{Permitting note: The Yokogawa meets the strip chart recorder requirement.}

A.17. Flares - Continuous Monitoring. Proper devices for continuous monitoring and recording of the gas flow rate, and flame temperature at each flare, shall be installed prior to the collection and disposal of the active landfill gases. Such devices shall be properly calibrated and maintained at all times, according to the manufacturers' written instructions. A copy of the manufacturer's calibration manual; information relating to the frequency of equipment calibration; and logs relating to calibration of equipment, gas flow rate to flare, and flame temperature at each flare shall be on site, and made available to compliance inspectors upon request. [Rules 62-4.070(1)&(3) F.A.C.; 40 CFR 60, Subpart WWW; and, Permit Nos. 0970079-001-AC & 0970079-002-AC.]

A.18. Startup, Shutdown and Malfunction Plan under NESHAP 40 CFR 63, Subpart AAAA. The owner or operator shall follow the written startup, shutdown and malfunction plan (SSM Plan). A copy of the SSM Plan must be maintained on site. [Rule 62-204.800(11)(d)1., F.A.C. and 40 CFR 63.1960.]

Test Methods and Procedures

A.19. Flares - Test Methods. Required tests shall be performed in accordance with the following reference methods:

Method(s)	Description of Method(s) and Comment(s)
ASTM D1945-03 [1]	Alternative Method of Determining Net Heating Value of Landfill Gas
In-place Calibrated Flow Meter [1]	Determining Flare Gas Exit Velocity

Method(s)	Description of Method(s) and Comment(s)
EPA Method 22	Visual Determination of Smoke Emissions from Flares

The above methods are described in Chapter 62-297, F.A.C. and/or 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Chapter 62-297, F.A.C. & Rule 62-204.800(9)(b)7., F.A.C.; and, [1] USEPA has approved.]

A.20. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]

A.21. Annual Compliance Test. During each federal fiscal year (October 1st to September 30th), the flares shall be tested to demonstrate compliance with the emission limitations for VE. [Rule 62-297.310(7), F.A.C.]

A.22. Flares - Determining Net Heating Value of Landfill Gas. The owner or operator may use ASTM D1945-03 in place of EPA Method 18. A minimum collection of three (3)-thirty (30) minute samples is required. The requirement to test for hydrogen with ASTM D1946 is waived due to the low levels of hydrogen in the landfill gas. [Rule 62-204.800(8)(d), F.A.C.; 40 CFR 60.18(f)(3); and, USEPA approved.]

A.23. Flares - Determining Flare Gas Exit Velocity. The owner or operator may use an in-place calibrated flow meter in place of EPA Methods 2, 2A, 2C, or 2D. [Rule 62-204.800(8)(d), F.A.C.; 40 CFR 60.18(f)(4); and, USEPA approved.]

A.24. Flares - Visible Emission Test Method. EPA Method 22 shall be used to determine the compliance with the visible emission limit for the flares. The observation period is 2 hours and shall be used according to EPA Method 22. [Rule 62-204.800(8)(d), F.A.C.; and, 40 CFR 60.18(f)(1).]

Recordkeeping and Reporting Requirements

{Permitting note: TABLE L-2. SUMMARY OF RECORDKEEPING REQUIREMENTS FOR MSW LANDFILLS under 40 CFR 60, Subpart WWW and 40 CFR 63, Subpart AAAA, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting note: TABLE L-3. SUMMARY OF COMPLIANCE REPORTING REQUIREMENTS FOR MSW LANDFILLS under 40 CFR 60, Subpart WWW and 40 CFR 63, Subpart AAAA, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.25. Reporting Schedule. The following reports shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition
Semi-Annual Compliance Reports	Every 6 months, due March 1st and September 1st	**A.32.**

[Rule 62-213.440, F.A.C.]

A.26. Flares - Reporting Requirements. The owner or operator shall annually report the actual exit velocity of each flare. The actual exit velocity shall be reported to the Department as an attachment to the facility's annual operating report (AOR). [Rules 62-4.160(2) and 62-4.070(1)&(3), F.A.C.]

A.27. Flares - VE Test Report. The required visible emissions test report shall also contain flare gas flow rate and temperature data. [Permit Nos. 0970079-00l-AC & 0970079-002-AC.]

A.28. Landfills - Semi-Annual Compliance Reports under NESHAP 40 CFR 63, Subpart AAAA. The owner or operator shall submit semi-annual compliance reports. The semi-annual compliance reports shall be due March 1st and September 1st. [Rule 62-204.800(11)(d)1., F.A.C.; 40 CFR 63.1980(a); and, Applicant's Request.]

{Permitting note: The due dates are for the periods of January 1 - June 30 and July 1 - December 31 of each year.}

A.29. Solid Waste Disposal Rate - Monthly Recordkeeping. To demonstrate compliance with Specific Condition Number **A.1.** the permittee shall maintain a monthly log at the facility for a period of at least five years from the date that the data are recorded.

Monthly:
a) Designation of month and year of operation for which records are being tabulated; and,
b) Consecutive 12-month solid waste disposal rate.

Monthly logs shall be completed by the end of the following month. The logs and supporting documents shall be maintained at the facility for at least 5 years and made available to the Department upon request.

Note: A consecutive 12 month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 month totals using whatever number of months of data are available until such a time as a consecutive 12 month total can be maintained each month. [Rules 62-4.070(1)&(3), F.A.C.]

A.30. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440, F.A.C.]

NSPS 40 CFR 60, Subpart A & WWW Requirements

A.31. NSPS Requirements - Subpart WWW. Except as otherwise provided in this permit, these emissions units shall comply with all applicable provisions of 40 CFR 60, Subpart WWW, Municipal Solid Waste Landfills, adopted by reference in Rule 62-204.800(8)(b), F.A.C.; except that the Secretary is not the Administrator for purposes of 40 CFR 60.754(a)(5). These emissions units shall comply with all applicable provisions of **Appendix 40 CFR 60 Subpart WWW** included with this permit. [Rule 62-204.800(8)(b), F.A.C.]

A.32. NSPS Requirements - Subpart A. These emissions units shall comply with all applicable requirements of 40 CFR 60, Subpart A, General Provisions, including:
40 CFR 60.7, Notification and Recordkeeping
40 CFR 60.8, Performance Tests
40 CFR 60.11, Compliance with Standards and Maintenance Requirements
40 CFR 60.12, Circumvention
40 CFR 60.13, Monitoring Requirements
40 CFR 60.19, General Notification and Reporting Requirements,
which have been adopted by reference in Rule 62-204.800(8)(d), F.A.C.; except that the Secretary is not the Administrator for purposes of 40 CFR 60.4, 40 CFR 60.8(b)(2) and (3), 40 CFR 60.11(e)(7) and (8), 40 CFR 60.13(g), (i) and (j)(2), and 40 CFR 60.16. These emissions units shall comply with all applicable provisions of **Appendix 40 CFR 60 Subpart A** included with this permit. [Rule 62-204.800(8)(d), F.A.C.]

NESHAP 40 CFR 61, Subpart A & M - Asbestos Disposal Site Standards

A.33. NESHAP 40 CFR 61 Requirements - Subpart M [Set A]. The asbestos waste disposal sites shall comply with all applicable requirements of 40 CFR 61, Subpart M, National Emission Standard for Asbestos, which have been adopted by reference in Rule 62-204.800(10)(b), F.A.C.; except that the Secretary is not the Administrator for the purposes of 40 CFR 61.149(c)(2), 40 CFR 61.150(a)(4), 40 CFR 61.151(c), 40 CFR 61.152(b)(3), 40 CFR 61.154(d), and 40 CFR 61.155(a). These emissions units shall comply with all applicable provisions of **Appendix 40 CFR 61, Subpart M "Set A,"** included with this permit. [Rule 62-204.800(10)(b)8., F.A.C.]

A.34. NESHAP 40 CFR 61 Requirements - Subpart A. The asbestos waste disposal sites shall comply with all applicable requirements of 40 CFR 61, Subpart A, General Provisions, which have been adopted by reference in Rule 62-204.800(10)(d), F.A.C.; except for 40 CFR 61.08 and except that the Secretary is not the Administrator for the purposes of 40 CFR 61.04, 40 CFR 61.11, and 40 CFR 61.18. In lieu of the process set forth in 40 CFR 61.08, the Department will follow the permit processing procedures of Rule 62-4.055, F.A.C. The asbestos waste disposal sites shall comply with all applicable provisions of **Appendix 40 CFR 61 Subpart A - General Provisions** included with this permit. [Rule 62-204.800(10)(d), F.A.C.]

NESHAP (MACT) 40 CFR 63, Subpart A & AAAA Requirements

*{Permitting note: Most of the requirements of NESHAP 40 CFR 63, Subpart AAAA cross references conditions (applicable requirements) that are contained in NSPS 40 CFR 60, Subpart WWW. However, NESHAP 40 CFR 63, Subpart AAAA does include several additional requirements, most importantly the requirement to develop and implement a written startup, shutdown and malfunction plan (SSM Plan) (see 40 CFR 63.1960 in **Appendix 40 CFR 63 Subpart AAAA**, and 40 CFR 63.6(e)(3) in **Appendix 40 CFR 63 Subpart A**), and the requirement for submittal of a semi-annual compliance report (see 40 CFR 60.757(f) in **Appendix 40 CFR 60 Subpart WWW** and 40 CFR 63.1980 in **Appendix 40 CFR 63 Subpart AAAA**).)}*

A.35. 40 CFR 63 Requirements - Subpart A. These emissions units shall comply with all applicable requirements of 40 CFR 63, Subpart A, General Provisions, which have been adopted by reference in Rule 62-204.800(11)(d)1., F.A.C., except that the Secretary is not the Administrator for purposes of 40 CFR 63.5(e), 40 CFR 63.5(f), 40 CFR 63.6(g), 40 CFR 63.6(h)(9), 40 CFR 63.6(j), 40 CFR 63.13, and 40 CFR 63.14. These emissions units shall comply with **Appendix 40 CFR 63 Subpart A** included with this permit. [Rule 62-204.800(11)(d)1., F.A.C.]

A.36. 40 CFR 63 Requirements - Subpart AAAA. These emissions units shall comply with all applicable requirements of 40 CFR 63, Subpart AAAA, Municipal Solid Waste Landfills, which have been adopted by reference in Rule 62-204.800(11)(b)59., F.A.C., except that the Secretary is not the Administrator for purposes of the authorities cited at 40 CFR 63.1985(c). These emissions units shall comply with **Appendix 40 CFR 63 Subpart AAAA** included with this permit. [Rule 62-204.800(11)(b), F.A.C.]