

## STATEMENT OF BASIS

Title V Air Operation Permit Renewal  
Permit No. 1250008-008-AV

### APPLICANT

The applicant for this project is New River Solid Waste Association. The applicant's responsible official and mailing address are: Perry Kent, Executive Director, New River Solid Waste Association, New River Regional Landfill, P.O. Box 647, Raiford, Florida 32083.

### FACILITY DESCRIPTION

The applicant operates the existing New River Regional Landfill, which is located in Union County at 24276 NE 157<sup>th</sup> Street, Raiford, Florida.

The applicant applied on June 18, 2018 to the Department for a Title V air operation permit renewal of Title V Air Operation Permit No. 1250008-007-AV. This is not a PSD facility and is an area source of Hazardous Air Pollutants (HAPs). Potential to Emit (PTE) emissions by criteria pollutant are less than 80 TPY. PTE of Hazardous Air Pollutants (HAPs) are less than 5 TPY per individual HAP and 15 TPY for all HAPs combined. This is a Title V facility as it is a Municipal Solid Waste landfill above a threshold size subject to NSPS Subparts WWW and XXX.

This Title V permit renewal consists of four sections of regulated emissions units (EUs). Section 1: EU001 is the Class I landfill with an inactive one-acre Class III landfill asbestos disposal area. Section 2: EU004 is the Non-assisted Utility Flare. Section 3: EUs 008 and 009 are two NESHAP Subpart ZZZZ regulated existing, emergency engines. Section 4: EUs 011 and 012 are a Gasoline Dispensing Facility with fixed gasoline tank subject to NESHAP Subpart CCCCCC.

The following changes were made from the prior Title V permit. Now, EU001 and EU004 are shown subject to Subpart XXX – NSPS for Landfills: New, Reconstructed or Modified after July 17, 2014. Although both Subparts XXX and WWW apply, demonstrating compliance with Subpart XXX assures compliance with Subpart WWW. EUs 008 and 009 regulatory requirements were modified as follows: a prior duplicative requirement was removed, regulatory parts vacated by the D.C. court were deleted, and NESHAP Subpart ZZZZ recordkeeping and reporting requirements were added. A fourth permit section was added to regulate the NESHAP Subpart CCCCCC - Gasoline Dispensing Facility with 500-gallon sized fixed gasoline tank.

This facility also includes miscellaneous insignificant emissions units and/or activities.

### REGULATED EMISSIONS UNIT IDENTIFICATION NUMBERS AND DESCRIPTIONS

EU No.	Brief Description
001	Class I & III Landfill
004	3000 SCFM Non-assisted Utility Flare
009	Mitsubishi/Generac Emergency 60 kw Diesel Generator – Office
010	Olympian Emergency Diesel Generator – Buildings
011	Gasoline Dispensing Facility – Monthly Throughput < 10,000 Gallons
012	Approximately 500 Gallons Fixed Gasoline Tank

### APPLICABLE REGULATIONS

Based on the Title V air operation permit renewal application received on June 18, 2018, this facility **is not** a major source of hazardous air pollutants (HAP). A summary of applicable regulations is shown in the following table:

Regulation	EU No(s).
------------	-----------

## STATEMENT OF BASIS

Regulation	EU No(s).
<i>Federal Rule Citations</i>	
40 CFR 60, NSPS Subpart A - General Provisions	001, 004
40 CFR 60, NSPS Subpart WWW – Standards of Performance for Municipal Solid Waste Landfills	001, 004
40 CFR 60, NSPS Subpart XXX – Standards of Performance for Municipal Solid Waste Landfills that Commenced Construction, Reconstruction, or Modification after July 17, 2014	001, 004
40 CFR 61, NESHAP Subpart A – General Provisions	001
40 CFR 61, NESHAP Subpart M – National Emission Standard for Asbestos	001
40 CFR 63, NESHAP Subpart A – General Provisions	001, 004, 009, 010, 011, 012
40 CFR 63, NESHAP Subpart AAAA – National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills	001, 004
40 CFR 63, NESHAP Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	009, 010
40 CFR 63, NESHAP Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	011, 012
<i>State Rule Citations</i>	
Rule 62-4.160., F.A.C. Permit Contents	004
Rule 62-204.800, F.A.C. Federal Regulations Adopted by Reference	001, 004
Rule 62-210.200., F.A.C. Definitions(PTE)	001, 004, 011, 012
Rule 62-213.440., F.A.C. Permit Content	001, 004, 009, 010
Rule 62-297.310., F.A.C. General Emission Test Requirements.	001, 004

This facility also includes miscellaneous insignificant emissions units and/or activities.

### PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V permit for the above referenced facility.

### PROCESSING SCHEDULE AND RELATED DOCUMENTS

Title V Air Operation Permit 1250008-007-AV issued **January 29, 2014**

Application for a Title V Air Operation Permit Renewal received **June 18, 2018**

### PRIMARY REGULATORY REQUIREMENTS

Standard Industrial Classification (SIC) Code: 4953 – Refuse Systems.

North American Industry Classification System (NAICS): 562212 – Solid Waste Landfill.

HAP: The facility **is not** identified as a major source of hazardous air pollutants (HAP).

Title V: The facility **is** a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

NSPS: The facility **operates** units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility **operates** units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 61.

## STATEMENT OF BASIS

**NESHAP:** The facility **operates** units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

**CAM:** Compliance Assurance Monitoring (CAM) does not apply to any of the units at the facility. The facility operates a 3000 scfm non-assisted utility flare with no identified pre-controlled pollutant emissions above a Title V pollutant major source level.

### PROJECT REVIEW

The facility submitted Potential To Emit (PTE) emissions from emissions units. Potential to Emit (PTE) emissions by criteria pollutant are less than 80 TPY, which includes fugitive emissions. PTE of Hazardous Air Pollutants (HAPs) are less than 5 TPY per individual HAP and 15 TPY for all HAPs combined. The emissions by source and overall totals by pollutant are summarized in the table below.

Facility PTE emissions (tpy)									
	CO	H <sub>2</sub> S	NMOC	NO <sub>x</sub>	SO <sub>2</sub>	VOC	PM	HAPs	SHAP
EU 001 – Landfill fugitives	-	1.4	76.4	-	-	76.4	-	9.5	1.7
EU 004 – Flare	0.2	1.9	2.1	0.5	5.4	0.1	5.9	-	-
EU 008 – Engines and Grinder	1.0	-	-	4.7	-	0.4	0.3	0.6	0.6
EU 009 and 010 – Engines	0.1	-	0.0	0.3	0.0	0.0	0.0	0.0	0.0
EUs 011 and 012 - GDF	-	-	-	-	-	-	-	-	-
Total	1.3	3.3	78.5	5.5	5.4	76.9	6.2	10.5	2.3

The following changes were made from the prior Title V permit. Now, EU001 and EU004 are shown subject to Subpart XXX – NSPS for Landfills: New, Reconstructed or Modified after July 17, 2014. Although both Subparts XXX and WWW apply, demonstrating compliance with Subpart XXX assures compliance with Subpart WWW. EUs 008 and 009 regulatory requirements were modified as follows: a prior duplicative requirement was removed, regulatory parts vacated by the D.C. court were deleted, and NESHAP Subpart ZZZZ recordkeeping and reporting requirements were added. A fourth permit section was added to regulate the NESHAP Subpart CCCCCC - Gasoline Dispensing Facility with 500-gallon sized fixed gasoline tank.

### CONCLUSION

This project renews Title V air operation permit No. 1250008-007-AV, which was effective on January 29, 2014. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210, and 62-213, F.A.C.