WASTE MANAGEMENT
1550 Balmer Road
Model City, NY 14107
716 286 1550
716 286 0211 Fax

June 7, 2017

Mr. David Denk
New York State Department of
Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203-2915

Re: Air State Facility Permit Modification Application – RMU-2
Air Permit Application Form

Dear Mr. Denk:

Most recently, on May 23, 2017, CWM Chemical Services, LLC., (CWM) submitted a revised Air State Facility Permit Modification Application Updated Emissions Inventory for the addition of Residuals Management Unit No. 2 (RMU-2) to the Model City, New York facility, prepared by Conestoga-Rovers & Associates, Inc. (CRA, now known as GHD). The application was revised in response to a Notice of Incomplete Application (NOIA) issued by the New York State Department of Environmental Conservation (NYSDEC) on December 7, 2016.

On June 2, 2017, an Air Quality Modeling Report was submitted in support of the application. Please find attached the NYSDEC required Air Permit Application Form, including CWM's certification and an engineering certification by GHD, which will complete the application submittals.

Please call Mr. Jonathan Rizzo at (716) 286-0354 or myself at (716) 286-0246 if you have any questions or comments.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,
CWM CHEMICAL SERVICES, LLC

Jill A. Banaszak
Technical Manager
Model City Facility

JPR/JAB/jpr
Attachment

cc:

T. Mucha	- NYSDEC/Region 9 (e-copy)
M. Passuite	- NYSDEC/Region 9 (e-copy)
P. Grasso	- NYSDEC/Region 9 (e-copy)
B. Rostami	- NYSDEC/Region 9 (e-copy)
A. Carlacci	- NYSDEC/Region 9 (e-copy)
M. Cruden	- NYSDEC/Albany, NY (e-copy)
M. Mortefolio	- NYSDEC/Albany, NY (e-copy)
On-site Monitors	- NYSDEC/ Model City, NY (e-copy)
A. Park	- USEPA/Region II (e-copy)
N. Azzam	- USEPA/Region II (e-copy)
P. Dicky	- NCHD/Lockport, NY (e-copy)
M. Mahar	- CWM/Model City, NY (e-copy)
J. Rizzo	- CWM/Model City, NY (e-copy)
D. Darragh	- Cohen & Grigsby/Pittsburgh, PA (e-copy)
EMD Subject File	
Q & A	

ENCLOSURE NO. 1
AIR PERMIT APPLICATION FORM

June 7, 2017

New York State Department of Environmental Conservation
Air Permit Application

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

DEC ID	Application ID	Application Type
9-2934-00022	-/	× State Facility Title V

Section I - Certification

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information required to complete this application, I believe the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official Michael Mahar	Title Senior District Manager
Signature Michael D. Mahar	Date 6/7/17

Professional Engineer Certification

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Professional Engineer Douglas M. Gatrell	NYS License No. #083375-1
Signature Douglas M Gatrell	Date 6/7/2017.

Section II - Identification Information

Type of Permit Action Requested

New Renewal Significant Modification Administrative Amendment × Minor Modification

Application for the construction of a new facility × Application involves the construction of new emission unit(s)

Facility Information

Name CWM Model City Facility

Location Address 1550 Balmer Road

× City / Town / Village Model City Zip 14107

Owner/Firm Information

Business Taxpayer ID: 364203347

Name CWM Chemical Services, LLC

Street Address 1550 Balmer Road

City Model City | State/Province NY | Country USA | Zip 14107

Owner Classification: Federal State Municipal × Corporation/Partnership Individual

Owner/Firm Contact Information

Name Banaszak, Jill Phone (716) 286 - 0246

E-mail Address Jbanasz@wm.com Fax (716) 286 - 0224

Affiliation CWM Chemical Services, LLC Title Technical Manager

Street Address 1550 Balmer Road

City Model City | State/Province NY | Country USA | Zip 14107

Facility Contact Information

Name Banaszak, Jill Phone (716) 286 - 0246

E-mail Address Jbanasz@wm.com Fax (716) 286 - 0224

Affiliation CWM Chemical Services, LLC Title Technical Manager

Street Address 1550 Balmer Road

City Model City | State/Province NY | Country USA | Zip 14107

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Project Description ☐ Continuation Sheet(s)

CWM Chemical Services, LLC is applying for an Air State Facility Permit Modification to incorporate the RMU-2 Area. The project is considered a minor modification.

Section III - Facility Information

Facility Classification

Hospital | Residential | Educational/Institutional | Commercial | * Industrial | Utility

Affected States (Title V Applications Only)

Vermont | Massachusetts | Rhode Island | Pennsylvania | Tribal Land: _____
New Hampshire | Connecticut | New Jersey | Ohio | Tribal Land: _____

SIC Code(s)			NAICS Code(s)			
4953			562211			

Facility Description ☐ Continuation Sheet(s)

The CWM facility is an existing commercial hazardous waste treatment, storage, and disposal facility (TSDF) in Model City, Niagara County, New York. This TSDF began operation in 1972 as ChemTrol Pollution Services, Inc. Due to corporate acquisitions and name changes, CWM, a subsidiary of Waste Management, Inc., is the present owner and operator of the facility.

Compliance Statements (Title V Applications Only)

I certify that as of the date of this application the facility is in compliance with all applicable requirements. Yes | No

If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application (the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block on page 8 of this form along with the compliance plan information required. For all emission units at the facility that are operating in compliance with all applicable requirements, complete the following:

☐ This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those emission units referenced in the compliance plan portion of this application.

For all emission units subject to any applicable requirements that will become effective during the term of the permit, this facility will meet such requirements on a timely basis.

Compliance certification reports will be submitted at least once per year. Each report will certify compliance status with respect to each applicable requirement, and the method used to determine the status.

Facility Applicable Federal Requirements ☐ Continuation Sheet(s)

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
40	CFR	63	ZZZZ						
40	CFR	63	DD						

Facility State Only Requirements ☐ Continuation Sheet(s)

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	200							
6	NYCRR	201							
6	NYCRR	211							
6	NYCRR	212							

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Facility Compliance Certification

× Continuation Sheet(s)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	201	7						

× Applicable Federal Requirement / State Only Requirement	Capping	CAS Number	Contaminant Name
		NY998-00-0	Volatile Organic Compounds

Monitoring Information

Work Practice Involving Specific Operations | Ambient Air Monitoring | × Record Keeping/Maintenance Procedures

Compliance Activity Description

Total potential VOC emissions from the facility are less than 50 tons per year. The facility will calculate total VOC emissions for VOCs reported to be present in waste management operations and other site operations on a 12-month rolling basis in order to demonstrate that emissions of VOCs are less than 50 tons per year. Records will be kept at the Site and provided upon request.

Work Practice Type Code	Process Material Code	Process Material Description	Reference Test Method

Monitored Parameter Code	Monitored Parameter Description	Manufacturer's Name/Model Number

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
50		38	Tons per year

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
17	12-Month Rolling Total	05	Monthly	10	Upon request

Facility Emissions Summary

Continuation Sheet(s)

CAS Number	Contaminant Name	Potential to Emit (tons/yr)	Actual Emissions (pounds/yr)
0NY075 - 00 - 5	PM-10	12.0	
0NY750 - 02 - 5	PM-2.5	6.8	
007446 - 09 - 5	Sulfur Dioxide	0.01	
0NY210 - 00 - 0	Oxides of Nitrogen	4.6	
000630 - 08 - 0	Carbon Monoxide	2.6	
007439 - 92 - 1	Lead (elemental)	0.002	
0NY998 - 00 - 0	Total Volatile Organic Compounds	< 50	
0NY100 - 00 - 0	Total Hazardous Air Pollutants	< 25	
0NY750 - 00 - 0	Carbon Dioxide Equivalents	4,472	
	All Individual Speciated HAPs	< 10	

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Section III - Facility Information

Facility Compliance Certification (continuation)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	201	7						

		CAS No.	Contaminant Name
☒ Applicable Federal Requirement ☐ State Only Requirement	☐ Capping	NY100-00-0	Total HAPs

Monitoring Information

☐ Continuous Emission Monitoring	☐ Monitoring of Process or Control Device Parameters as a Surrogate
☐ Intermittent Emission Testing	☐ Work Practice Involving Specific Operations
☐ Ambient Air Monitoring	☒ Record Keeping/Maintenance Procedures

Description

Total potential HAP emissions from the facility are less than 25 tons per year. The facility will calculate total HAP emissions for HAPs reported to be present in waste management operations and other site operations on a 12-month rolling basis in order to demonstrate that emissions of HAPs are less than 25 tons per year. Records will be kept at the Site and provided upon request.

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
25		38	Tons per year

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
17	12-Month Rolling Total	05	Monthly	10	Upon Request

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Section III - Facility Information

Facility Compliance Certification (continuation)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	201	7						

☒ Applicable Federal Requirement ☐ State Only Requirement	☐ Capping	CAS No.	Contaminant Name
		Various	Individual Speciated HAPs

Monitoring Information

☐ Continuous Emission Monitoring
☐ Intermittent Emission Testing
☐ Ambient Air Monitoring
☐ Monitoring of Process or Control Device Parameters as a Surrogate
☐ Work Practice Involving Specific Operations
☒ Record Keeping/Maintenance Procedures

Description

Total emissions of all individual speciated HAPs from the facility is less than 10 tons per year. The facility will calculate individual speciated HAP emissions for HAPS reported to be present in waste management and other site operations on a 12-month rolling basis in order to demonstrate that total emissions of all individual speciated HAPs is less than 10 tons per year, therefore, no individual HAP is greater than 10 tons per year. Records will be kept at the Site and provided upon request.

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
10		38	Tons per year

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
17	12-Month Rolling Total	05	Monthly	10	Upon Request

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Section III - Facility Information

Facility Compliance Certification (continuation)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	212	2.2						

☐ Applicable Federal Requirement ☒ State Only Requirement	☐ Capping	CAS No.	Contaminant Name
		Various	HTAC Compounds (excluding PCB & POM)

Monitoring Information

☐ Continuous Emission Monitoring	☐ Monitoring of Process or Control Device Parameters as a Surrogate
☐ Intermittent Emission Testing	☐ Work Practice Involving Specific Operations
☐ Ambient Air Monitoring	☒ Record Keeping/Maintenance Procedures

Description

Emissions of HTACs reported to be present in waste management operations and other site operations (excluding PCB and POM) from the facility are less than the values specified in Table 2 of 6 NYCRR Part 212-2.2. The facility will calculate HTAC emissions for HTACs reported to be present in waste management operations and other site operations (excluding PCB and POM) on a 12-month rolling basis in order to demonstrate that emissions are under the values specified in Table 2 of 6 NYCRR Part 212-2.2. Records will be kept at the Site and provided upon request.

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
6 NYCRR 212-2.2, Table 2		1	lb per year

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
17	12-Month Rolling Total	05	Monthly	10	Upon Request

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Section III - Facility Information

Facility Compliance Certification (continuation)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	212	2.2						

☐ Applicable Federal Requirement	☐ Capping	CAS No.	Contaminant Name
☒ State Only Requirement		1336-36-3	PCB

Monitoring Information

☐ Continuous Emission Monitoring	☐ Monitoring of Process or Control Device Parameters as a Surrogate
☐ Intermittent Emission Testing	☒ Work Practice Involving Specific Operations
☐ Ambient Air Monitoring	☒ Record Keeping/Maintenance Procedures

Description

Emissions of PCBs from the facility are greater than the value specified in Table 2 of 6 NYCRR Part 212-2.2. CWM has identified the following measures as TBACT:
◦Operation of stabilization facility baghouses in accordance with Operations & Maintenance Manual.
◦Daily inspection (see Attachment F of Part 373 Sitewide RCRA permit) for visual verification that no dust is being emitted from the stabilization facility baghouse stacks or building doors.
◦Implementation of a 140,000 TPY permit cap limit for the maximum amount of waste material that can be stabilized at the facility in a given year. CWM will track total waste processed and estimated emissions from the stabilization facility .
◦Maintain the hours of operation at eight hours per day from Monday through Saturday (the landfill and stabilization facility will not operate on Sundays).
◦The facility will only stabilize waste materials that are less than 500 ppm VOCs according to 6 NYCRR Part 373-2.29.
◦Maintain the daily working face region to a maximum of 1.7 acres.
◦Application of Daily Cover of the landfill in accordance with the Part 373 Permit over the working face region daily and continuously maintained over the active/non-working face waste region (i.e. Interim Area).
◦Installation a synthetic liner as part of the final cover system in accordance with the Part 373 Permit after areas reach final waste grades.
◦Implementation of a facility perimeter monitoring program for PCBs (when RMU-2 is operational).
◦Stack testing demonstration requirement for the stabilization facility within the permit (when RMU-2 is operational).
A modeling analysis for PCB confirmed that the maximum ground-level concentration will not exceed the annual guidance concentration (AGC) published under DAR-1. The facility will calculate PCB emissions (for PCBs reported to be present in waste management and other site operations) on a 12-month rolling basis in order to demonstrate that emissions are less than 28.9 pounds per year. Records will be kept at the Site and provided upon request.

Work Practice	Process Material		Reference Test Method
Type	Code	Description	

Parameter		Manufacturer Name/Model No.
Code	Description	

Limit		Limit Units	
Upper	Lower	Code	Description
28.9		1	lb per year

Averaging Method		Monitoring Frequency		Reporting Requirements	
Code	Description	Code	Description	Code	Description
17	12-Month Rolling Total	05	Monthly	10	Upon Request

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Section III - Facility Information

Facility Compliance Certification (continuation)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause
6	NYCRR	212	2.2						

☐ Applicable Federal Requirement	☐ Capping	CAS No.	Contaminant Name
☒ State Only Requirement		50-32-8	POM

Monitoring Information

☐ Continuous Emission Monitoring	☐ Monitoring of Process or Control Device Parameters as a Surrogate
☐ Intermittent Emission Testing	☒ Work Practice Involving Specific Operations
☐ Ambient Air Monitoring	☒ Record Keeping/Maintenance Procedures

Description

Emissions of POM from the facility are greater than the value specified in Table 2 of 6 NYCRR Part 212-2.2. CWM has identified the following measures as TBACT:
◦Operation of stabilization facility baghouses in accordance with Operations & Maintenance Manual
◦Daily inspection (see Attachment F of Part 373 Sitewide RCRA permit) for visual verification that no dust is being emitted from the stabilization facility baghouse stacks or building doors.
◦Implementation of a 140,000 TPY permit cap limit for the maximum amount of waste material that can be stabilized at the facility in a given year. CWM will track total waste processed and estimated emissions from the stabilization facility.
◦Maintain the hours of operation at eight hours per day from Monday through Saturday (the landfill and stabilization facility will not operate on Sundays).
◦The facility will only stabilize waste materials that are less than 500 ppm VOCs according to 6 NYCRR Part 373-2.29.
◦Maintain the daily working face region to a maximum of 1.7 acres.
◦Application of Daily Cover of the landfill in accordance with the Part 373 Permit over the working face region daily and continuously maintained over the active/non-working face waste region (i.e. Interim Area).
◦Installation a synthetic liner as part of the final cover system in accordance with the Part 373 Permit after areas reach final waste grades.
◦Implementation of a facility perimeter monitoring program for PCBs (when RMU-2 is operational).
◦Stack testing demonstration requirement for the stabilization facility within the permit (when RMU-2 is operational).
A modeling analysis for POM confirmed that the maximum ground-level concentration will not exceed the annual guidance concentration (AGC) published under DAR-1. The facility will calculate POM emissions (for POM reported to be present in waste management and other site operations) on a 12-month rolling basis in order to demonstrate that emissions are less than 146.4 pounds per year. Records will be kept at the Site and provided upon request.

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description
146.4		1	lb per year

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description
17	12-Month Rolling Total	05	Monthly	10	Upon Request

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Section IV - Emission Unit Information

Emission Unit Description		☐ Continuation Sheet(s)
Emission Unit	2 - L A N D F	

Emission Unit 2-LANDF consists of landfill area RMU-2. This modification includes construction and operation of the RMU-2 Landfill. Emissions occur from paved/ unpaved roads, waste unloading and compacting, landfill cell construction and capping, cover diffusion, barometric pumping, and emissions from the active working face.

Building Information ☐ Continuation Sheet(s)

Building ID	Building Name	Length (ft)	Width (ft)	Orientation

Emission Unit Emissions Summary ☐ Continuation Sheet(s)

Emission Unit: -

CAS Number	Contaminant Name			
ERP (lbs/yr)	Potential to Emit		Actual Emissions	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS Number	Contaminant Name			
ERP (lbs/yr)	Potential to Emit		Actual Emissions	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS Number	Contaminant Name			
ERP (lbs/yr)	Potential to Emit		Actual Emissions	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)
CAS Number	Contaminant Name			
ERP (lbs/yr)	Potential to Emit		Actual Emissions	
	(lbs/hr)	(lbs/yr)	(lbs/hr)	(lbs/yr)

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Emission Point Information

☐ Continuation Sheet(s)

Emission Point						
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Point						
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Point						
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Source/Control Information

☐ Continuation Sheet(s)

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model Number
RMU02	I	TBD	TBD				RMU-2 Landfill

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
4,030,700	93	Cubic Yards				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model Number
FAC05	I	TBD	TBD				Facultative Pond 5

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
20,703,000	18	Gallons per year				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model Number

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

DEC ID
9-2934-0002

Process Information ☐ Continuation Sheet(s)

Emission Unit	2-LANDF	Process	FUG

Process Description

Emissions occur from paved/ unpaved roads, waste unloading and compacting, landfill cell construction and capping, cover diffusion, barometric pumping, and emissions from the active working face.

Source Classification Code (SCC)	Total Throughput		Throughput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description
		500,000	38	Tons per year

☐ Confidential Operating at Maximum Capacity	Operating Schedule		Building	Floor/Location
	Hours/Day	Days/Year		
	8	312		

Emission Point Identifier(s)

Emission Source/Control Identifier(s)

RMU02						

Emission Unit	2-LEACH	Process	LE2

Process Description

Process LE2 includes emissions from the collection, handling and storage of leachate from the newer landfills: SLF 12, RMU-1 and RMU-2. These units have lower levels of organics; no carbon canisters are present on storage tanks.

Source Classification Code (SCC)	Total Throughput		Throughput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

☐ Confidential Operating at Maximum Capacity	Operating Schedule		Building	Floor/Location
	Hours/Day	Days/Year		

Emission Point Identifier(s)

Emission Source/Control Identifier(s)

SPIP2	LTNK2					

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Process Emissions Summary

☐ Continuation Sheet(s)

Emission Unit	-						Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	
Emission Unit	-						Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	
Emission Unit	-						Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	

Emission Source Emissions Summary

☐ Continuation Sheet(s)

Emission Source							Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	
Emission Source							Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	
Emission Source							Process	
CAS Number	Contaminant Name		% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined	
Potential to Emit			Standard Units	Potential to Emit How Determined		Actual Emissions		
(lbs/hr)	(lbs/yr)	(standard units)				(lbs/hr)	(lbs/yr)	

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Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements							☐ Continuation Sheet(s)		
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements							☐ Continuation Sheet(s)		
				Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Cl.	Subcl.

Emission Unit Compliance Certification ☐ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause

☐ Applicable Federal Requirement ☐ State Only Requirement ☐ Capping

Emission Unit	Emission Point	Process	Emission Source	CAS Number	Contaminant Name

Monitoring Information

☐ Continuous Emission Monitoring
☐ Intermittent Emission Testing
☐ Ambient Air Monitoring
☐ Monitoring of a Process or Control Device Parameters as a Surrogate
☐ Work Practice Involving Specific Operations
☐ Record Keeping/Maintenance Procedures

Compliance Activity Description

Work Practice Type Code	Process Material		Reference Test Method
	Code	Description	

Monitored Parameter		Manufacturer's Name/Model Number
Code	Description	

Limit		Limit Units	
Upper	Lower	Code	Description

Averaging Method		Monitoring Frequency		Reporting Requirements	
Code	Description	Code	Description	Code	Description

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Determination of Non-Applicability (Title V Applications Only)

☐ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause

Emission Unit	Emission Point	Process	Emission Source	
				☐ Applicable Federal Requirement ☐ State Only Requirement

Non-Applicability Description

Rule Citation

Title	Type	Part	Subpart	Section	Subdivision	Paragraph	Subparagraph	Clause	Subclause

Emission Unit	Emission Point	Process	Emission Source	
				☐ Applicable Federal Requirement ☐ State Only Requirement

Non- Applicability Description

Compliance Plan

☐ Continuation Sheet(s)

For any emission units which are not in compliance at the time of permit application, the applicant shall complete the following:

Consent Order		Certified progress reports are to be submitted every 6 months beginning / /

Emission Unit	Process	Emission Source	Applicable Federal Requirement									
			Title	Type	Part	Subpart	Section	Subdiv.	Parag.	Subparag.	Clause	Subcl.

Remedial Measures and Intermediate Milestones	R/I	Date Scheduled

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Request for Emission Reduction Credits

☐ Continuation Sheet(s)

Emission Source

Emission Reduction Description

Contaminant Emission Reduction Data

Baseline Period ____ /____ /_____ to ____ / ____ / _____

Reduction	
Date	Method

CAS Number	Contaminant Name	ERC (lbs/yr)	
		Netting	Offset

Facility to Use Future Reduction

Name

Application ID

Location Address

☐ City/ ☐ Town / ☐ Village | State | Zip

Use of Emission Reduction Credits

☐ Continuation Sheet(s)

Emission Source

Proposed Project Description

Contaminant Emissions Increase Data

CAS Number	Contaminant Name	Project Emission Potential (lbs/yr)

Statement of Compliance

☐ All facilities under the ownership of this "owner/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under Section 114(a)(3) of the Clean Air Act Amendments of 1990, or are meeting the schedule of a consent order.

Source of Emission Reduction Credit - Facility

Name

Permit ID

Location Address

☐ City/ ☐ Town / ☐ Village | State | Zip

Emission Source	CAS Number	Contaminant Name	ERC (lbs/yr)	
			Netting	Offset

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Supporting Documentation and Attachments	
Required Supporting Documentation	Date of Document
List of Exempt Activities (attach form)	Not Applicable
× Plot Plan	May 23, 2017
× Process Flow Diagram	May 23, 2017
× Methods Used to Determine Compliance (attach form)	Attached
× Emissions Calculations	May 23, 2017
Optional Supporting Documentation	Date of Document
× Air Quality Model	June 2, 2017
Confidentiality Justification	
× Ambient Air Quality Monitoring Plan or Reports	May 23, 2017
Stack Test Protocol	
Stack Test Report	
Continuous Emissions Monitoring Plan	
Lowest Achievable Emission Rate (LAER) Demonstration	
Best Available Control Technology (BACT) Demonstration	
Reasonably Available Control Technology (RACT) Demonstration	
Toxic Impact Assessment (TIA)	
Environmental Rating Demonstration	
Operational Flexibility Protocol/Description of Alternate Operating Scenarios	
Title IV Permit Application	
Emission Reduction Credit (ERC) Quantification (attach form)	
Baseline Period Demonstration	
Use of Emission Reduction Credits (attach form)	
Analysis of Contemporaneous Emissions Increase/Decrease	
Other Supporting Documentation	Date of Document
TBACT Demonstration	May 23, 2017

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Methods Used to Determine Compliance			
Emission Unit ID	Applicable Requirement	Method Used to Determine Compliance	Compliance Date
1-LANDF	6 NYCRR Part 373	Employ best management practices specified in the Facility's 'Fugitive Dust Control Plan.'	Upon issuance of permit
Facility	6 NYCRR 201-7	Calculation of 12-Month Rolling Emissions of VOC, Total HAPs, and individual speciated HAPs	Upon issuance of permit
Facility	6 NYCRR Part 212	Calculation of 12-Month Rolling Emissions of HTACs	Upon issuance of permit
Facility	6 NYCRR Part 212	Modeling analysis and TBACT Demonstration	6/2/2017