FINAL DRAFT/PROPOSED CAAPP PERMIT
Land and Lakes Company – Harbor View Landfill
I.D. Number: 031600GAH
Application No.: 99100099
October 10, 2002

217/782-2113

TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT[1]

PERMITTEE

Land and Lakes Company
Attn: James J. Cowhey, Jr., Vice President
Post Office Box 778
Park Ridge, Illinois 60068

Application No.: 99100099
I.D. No.: 031600GAH
Applicant's Designation:
Date Received: October 29, 1999
Operation of: MSW Landfill
Date Issued: TO BE DETERMINED
Expiration Date[2]: DATE
Source Location: 2000 East 122nd Street, Chicago, Cook County
Responsible Official: James J. Cowhey, Jr., Vice President

This permit is hereby granted to the above-designated Permittee to OPERATE a municipal solid waste landfill and landfill gas to energy generating plant, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

If you have any questions concerning this permit, please contact Michael Davidson at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:MED:jar

cc: Illinois EPA, FOS, Region 1
USEPA

[1] This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 – federal PSD and 35 IAC Part 203 – Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within this permit.

[2] Except as provided in Condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

Land and Lakes Company
Land and Lakes #3 (Harbor View Landfill)
2000 East 122nd Street
Chicago, Illinois 60633

847/825-5000

I.D. No.: 031600GAH
Standard Industrial Classification: 4953, Refuse Systems

1.2 Owner/Parent Company

Stoney Island Reclamation
Land and Lakes Company
123 Northwest Highway
Park Ridge, Illinois 60068

1.3 Operator

Land and Lakes Company
Post Office Box 778
Park Ridge, Illinois 60068

James J. Cowhey, Jr., Vice President
847/825-5000

1.4 General Source Description

The Harbor View Landfill (also know as “Land and Lakes #3 landfill), located at 2000 East 122nd Street, Chicago, Illinois, is an inactive MSW landfill owned by the Stoney Island Reclamation and operated by the Land and Lakes Company. Classified as a MSW landfill, the landfill has been operating at this location since 1977. The landfill encompasses approximately 79 acres with a waste boundary of approximately 61 acres. The source is divided into 6 sub-units (i.e., Phases 1 through 6). Waste was last received at the site on October 15, 1998 and the source is currently undergoing final closure as per the requirements of 35 IAC Subtitle G: Waste Disposal

An active landfill gas collection and control system has been installed on the landfill in 1997 in order to minimize landfill gas migration and to produce electrical power from the landfill gas. The gas transmission piping system includes condensate collection sumps and knockouts to prevent pipe blockage. The landfill also has a leachate collection system.

A MSW landfill is defined as an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of RCRA Subtitle D wastes (40 CFR 257.2) such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste.

Landfill gas emissions from the source are generated from the decomposition of putrescible materials deposited in the landfill. Landfill gas is composed primarily of methane and carbon dioxide. A small percentage of other constituents present in the gas include hydrogen sulfide and nonmethane organic compound(s) (NMOC).

Beside landfill gas emissions, other emissions at the source include: combustion emissions (NO_x, CO, SO_2, PM/PM_{10}, and VOM) from the landfill control system (i.e., onsite open flare and the adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA ID No. 031600GBM)).

Illinois Electrical Generation Partners, LP is a separate entity, which has contracted with the Stoney Island Reclamation to use the gas generated from the landfill in its landfill gas to energy plant.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACWM	Asbestos-Containing Waste Material
ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
AST	Aboveground Storage Tank
ATU	Allotment Trading Unit
Btu	British thermal unit
BOA	Bureau of Air
BOL	Bureau of Land
°C	Degrees Celsius or centigrade
C_{NMOC}	Average NMOC Concentration
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CFR	Code of Federal Regulations
CO	Carbon Monoxide
dscf	Dry standard cubic feet
dscfm	Dry standard cubic feet per minute
ERMS	Emissions Reduction Market System
°F	degrees Fahrenheit
gal.	Gallon
HAP	Hazardous Air Pollutant
HCl	Hydrogen Chloride
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
kW	kilowatts
kPa	kilopascal
lb	pound
lb/cy	Pound per cubic yard
m^3	cubic meters
mmBtu	Million British thermal units
MSW	Municipal Solid Waste
NESHAP	National Emission Standards for Hazardous Air Pollutants
NMOC	Nonmethane Organic Compounds
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards
NSR	New Source Review (35 IAC 203)
PM	Particulate Matter

PM_{10}	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
ppm	parts per million
psia	pounds per square inch absolute
PSD	Prevention of Significant Deterioration (40 CFR 52.21)
RMP	Risk Management Plan
scfm	Standard cubic feet per minute
SO_2	Sulfur Dioxide
T1	Title I – identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New – identifies Title I conditions that are being established in this permit
T1R	Title I Revised – identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOL	Volatile Organic Liquid
VOM	Volatile Organic Material

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

None

3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

Leachate Collection System

3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Storage tanks of organic liquids with a capacity of less than 10,000 gallons and an annual throughput of less than 100,000 gallons per year, provided the storage tank is not used for the storage of gasoline or any material listed as a HAP pursuant to Section 112(b) of the CAA [35 IAC 201.210(a)(10)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.

3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.

3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

3.3 Addition of Insignificant Activities

3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.

3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Emission Unit	Description	Emission Control Equipment
01	Municipal Solid Waste Landfill	
	Phases 1 Through 6 (Waste Boundary 61 Acres) Waste Acceptance 1977 to October 15, 1998	Open Flare[1] and Landfill Gas to Energy Facilty[1]

[1] Open Flare owned by the Stoney Island Reclamation and operated by the Land and Lakes Company.

[2] Adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA ID No. 031600GBM)

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of carbon monoxide emissions.

For purposes of the CAAPP and Title I of the Clean Air Act, the Land and Lakes Company – Harbor View Landfill located at 2000 East 122nd Street, Chicago (BOA ID No 031600GAH) is considered a single source with the landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (BOA ID No. 031600GBM), located at 200 East 122nd Street, Chicago, Illinois. The source has elected to obtain separate CAAPP permits for these locations.

It should be noted that Illinois Electrical Generation Partners, LP is a separate entity, which has contracted with the Land and Lakes Company to use the gas generated from the source (i.e., landfill) in its landfill gas to energy facility. Based on the definitions found in 35 IAC 211.6130 (Source), 40 CFR 52.21(b)(5) and (6) (Stationary Source and Building, Structure, Facility, or Installation, respectively), and 40 CFR 70.2 (Major Source), Illinois EPA has determined that the two facilities are a single source.

5.1.2 This permit is issued based on the source not being a major source of HAPs.

5.2 Applicable Regulations

5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.

5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:

a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

c. No person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 1 (250 gal), unless such tank is equipped with a permanent submerged loading pipe, submerged fill or an equivalent device approved by the Illinois EPA. [35 IAC 218.122(b]

If no odor nuisance exists the limitations of the above shall only apply to the loading of volatile organic liquid with a vapor pressure of 17.24 kPa (2.5 psia) or greater of 294.3°K (70°F). [35 IAC 218.122(c)]

Note: At the time of issuance of this permit, gasoline was the only volatile organic liquid loaded at the source. (See the unit specific conditions in Sections 7.2 and 7.3)

“Submerged loading pipe", for purposes of the above is defined in 35 IAC 211.6470(a).

5.2.3 Fugitive Particulate Matter Operating Program

Based upon the location of the source (See 35 IAC 212.324(a)(1)), the Permittee shall comply with the requirements of 35 IAC 212.304 through 212.310, 212.312 and 212.316, as applicable. [35 IAC 212.302(b)]

At the time of issuance of this permit, the following was specifically applicable to the source:

a. All normal traffic pattern roads and parking facilities located at this source shall be paved or treated with water, oils, or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils, or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program [35 IAC 212.306].

b. This source shall be operated under the provisions of an operating program prepared by the Permittee and submitted to the Illinois EPA for its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions. [35 IAC 212.309(a)]

   At a minimum the operating program shall contain the information shown in 35 IAC 212.310.

c. The operating program shall be amended from time to time by the Permittee so that the operating program is current. Such amendments shall be consistent with the requirements set forth by this Condition and shall be submitted to the Illinois EPA [35 IAC 212.312].

d. 35 IAC 212.301 (See Condition 5.2.2(a)) shall not apply and spraying pursuant to 35 IAC 212.304 through 212.310 and 212.312 shall not be required when the wind speed is greater than 40.2 km/hr (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements. [35 IAC 212.314]

e. Based upon the applicability of 35 IAC 212.316, the source shall comply with the following limitations:

   i. No person shall cause or allow fugitive particulate matter emissions from any roadway or parking area to exceed an opacity of 10 percent, [35 IAC 212.316(c)]

   ii. No person shall cause or allow fugitive particulate matter emissions from any storage pile to exceed an opacity of 10 percent, to be measured four feet from the pile surface. [35 IAC 212.316(d)]

   iii. Unless an emission unit has been assigned a specific particulate matter, PM-10, or fugitive particulate matter emissions limitation pursuant to the limitations in 35

IAC 212 Subparts K, R, or S, no person shall cause or allow fugitive particulate matter emissions from any emission unit to exceed an opacity of 20 percent. [35 IAC 212.316(f)

5.2.4 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.5 Risk Management Plan

Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in 40 CFR Part 68, then the owner or operator shall submit [40 CFR 68.215(a)(2)(i) and (ii)]:

a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or

b. A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan (RMP), as part of the annual compliance certification required by 40 CFR Part 70 or 71.

5.2.6 a. Should this stationary source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC after the date issued of this permit, then the

owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by 40 CFR Part 70 or 71.

b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable requirements of any potentially applicable regulation which was promulgated after the date issued of this permit.

5.2.7 Episode Action Plan

a. If the source is required to have an episode action plan pursuant to 35 IAC 244.142, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.

b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.

c. If a change occurs at the source which requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.

d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:

i. Illinois EPA, Compliance Section; and

ii. For sources located in Cook County and outside of the city of Chicago: Cook County Department of Environmental Control; or

iii. For sources located within the city of Chicago: Chicago Department of Environmental Control.

5.2.8 PM10 Contingency Measure Plan

Should this stationary source, as defined in 35 IAC 212.700, become subject to the requirement to prepare and submit a contingency measure plan reflecting the PM_{10} emission reductions as set forth in 35 IAC 212.703, then the owner or operator shall submit such plan to the Illinois EPA for review and approval within ninety (90) days after the date this source becomes subject to this requirement. Such plan will be incorporated by reference into this permit and shall be implemented in accordance with 35 IAC 212.704. The source shall comply with the applicable requirements of 35 IAC Part 212, Subpart U, incorporated herein by reference.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	0.810
Sulfur Dioxide (SO_2)	2.289
Particulate Matter (PM)	2.445
Nitrogen Oxides (NO_x)	8.800
HAP, Not Included in VOM or PM (i.e., HCl/NMOC)	2.433
Total	16.777

5.5.2 Emissions of Hazardous Air Pollutants

This permit is issued based on the emissions of HAPs as listed in Section 112(b) of the CAA not being equal to or exceeding 10 tons per year of a single HAP or 25 tons per year of any combination of such HAPs, so that this source is considered a minor source for HAPs.

5.5.3 Other Source-Wide Emission Limitations

The Permittee shall comply with the following source wide limits:

a. This permit is issued based on the total emissions from the source, i.e., the landfill and adjacent cogeneration facility, not exceeding the following limitations:

Pollutants	CO
(Tons/Yr)	225.0

The limits on carbon monoxide are limitations established in Permit 00040011 (BOA ID No. 031600GBM), pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21. See Condition 7.1.6 [T1].

Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 General Records for Control of Fugitive Particulate Matter Emissions

The Permittee shall keep written records of the application of control measures as may be needed for compliance with the fugitive particulate matter opacity limitations shown in Condition 5.2.3. The records shall include at least the following [35 IAC 212.316(g)(1) and (2)]:

a. The name and address of the source;

b. The name and address of the owner and/or operator of the source;

c. A map or diagram showing the location of all emission units controlled, including the location, identification, length, and width of roadways;

d. For each application of water or chemical solution to roadways by truck: the name and location of the roadway controlled, application rate of each truck, frequency of each application, width of each application, identification of each truck used, total quantity of water or chemical used for each application and, for each application of chemical solution, the concentration and identity of the chemical;

e. For application of physical or chemical control agents: the name of the agent, application rate and frequency, and total quantity of agent, and, if diluted, percent of concentration, used each day; and

f. A log recording incidents when control measures were not used and a statement of explanation.

5.6.3 Retention and Availability of Records

a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.

b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of deviations of the source with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.7.3 General Reporting for Control of Fugitive Particulate Matter Emissions

a. The Permittee shall submit an annual report, containing a summary of control measures used to assure compliance with the fugitive particulate matter opacity limitations referenced in Condition 5.2.3, to the Illinois EPA, Compliance Section. This report shall be submitted with the Annual Emissions Report (Condition 9.7). [35 IAC 212.316(g)(1)] and 212.316(g)(3) through (5)]:

b. Copies of all records required under Condition 5.6.2 shall be submitted to the Illinois EPA within ten (10) working days after a written request by the Illinois EPA and shall be transmitted to the Illinois EPA by a company-designated person with authority to release such records. [35 IAC 212.316(g)(3)]

c. A quarterly report shall be submitted to the Illinois EPA stating the following: the dates any necessary control measures were not implemented, a listing of those control measures, the reasons that the control measures were not implemented, and any corrective actions taken. This information includes, but is not limited to, those dates when controls were not applied based on a belief that application of such control measures would have been unreasonable given prevailing atmospheric conditions, which shall constitute a defense to the requirements listed in Condition 5.2.3. This report shall be submitted to the Illinois EPA Compliance Section thirty (30) calendar days from the end of a quarter. Quarters end March 31, June 30, September 30, and December 31. [35 IAC 212.316(g)(5)]

5.7.4 Annual Reporting of HAP Emissions

The Permittee shall submit an annual report to the Illinois EPA, Compliance Section, on HAP emissions from the source, including the following information, so as to demonstrate whether the source is being operated as a non-major source of HAP emissions. This report shall be submitted with the Annual Emissions Report (Condition 9.7).

a. The annual emissions of individual HAPs for each month of the previous calendar year sufficient to demonstrate compliance with the 12 month running total of Condition 5.5.2, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all); and

b. The total emissions of all HAPs combined for each month of the previous calendar year sufficient to demonstrate compliance with the 12 month running total of Condition 5.5.2, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all).

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and compliance procedures in Section 7 (Unit Specific Conditions) of this permit.

5.9.1 General Procedures for Calculating Tank Emissions

For the purpose of estimating VOM emissions from tanks, Versions 3.1 or 4.0 of the TANKS program are acceptable.

6.0 EMISSIONS REDUCTION MARKET SYSTEM (ERMS)

6.1 Description of ERMS

The ERMS is a “cap and trade” market system for major stationary sources located in the Chicago ozone nonattainment area. It is designed to reduce VOM emissions from stationary sources to contribute to reasonable further progress toward attainment, as required by Section 182(c) of the CAA.

The ERMS addresses VOM emissions during a seasonal allotment period from May 1 through September 30. Participating sources must hold “allotment trading units” (ATUs) for their actual seasonal VOM emissions. Each year participating sources are issued ATUs based on allotments set in the sources’ CAAPP permits. These allotments are established from historical VOM emissions or “baseline emissions” lowered to provide the emissions reductions from stationary sources required for reasonable further progress.

By December 31 of each year, the end of the reconciliation period following the seasonal allotment period, each source should have sufficient ATUs in its transaction account to cover its actual VOM emissions during the preceding season. A transaction account’s balance as of December 31 will include any valid ATU transfer agreements entered into as of December 31 of the given year, provided such agreements are promptly submitted to the Illinois EPA for entry into the transaction account database. The Illinois EPA will then retire ATUs in sources’ transaction accounts in amounts equivalent to their seasonal emissions. When a source does not appear to have sufficient ATUs in its transaction account, the Illinois EPA will issue a notice to the source to begin the process for Emissions Excursion Compensation.

In addition to receiving ATUs pursuant to their allotments, participating sources may also obtain ATUs from the market, including ATUs bought from other participating sources and general participants in the ERMS that hold ATUs (35 IAC 205.630) and ATUs issued by the Illinois EPA as a consequence of VOM emissions reductions from an Emissions Reduction Generator or an Intersector Transaction (35 IAC 205.500 and 35 IAC 205.510). During the reconciliation period, sources may also buy ATUs from a secondary reserve of ATUs managed by the Illinois EPA, the “Alternative Compliance Market Account” (ACMA) (35 IAC 205.710). Sources may also transfer or sell the ATUs that they hold to other sources or participants (35 IAC 205.630).

6.2 Applicability

This permit is issued based on this source not being a participating source in the Emissions Reduction Market System (ERMS), 35 IAC Part 205, pursuant to 35 IAC 205.200. This is based on the source's actual VOM emissions during the seasonal allotment period from May 1 through September 30 of each year being less than 10 tons and the source's baseline emissions also being less than 10 tons.

6.3 Recordkeeping and Reporting

a. The Permittee shall maintain the following records to allow the confirmation of actual VOM emissions during the seasonal allotment period:

i. Records of operating data and other information for each individual emission unit or group of related emission units at the source, as specified in Sections 5 and 7 of this permit, as appropriate, to determine actual VOM emissions during the seasonal allotment period;

ii. Records of the VOM emissions, in tons, during the seasonal allotment period, with supporting calculations, for each individual emission unit or group of related emission units at the source, determined in accordance with the procedures specified in Sections 5 and 7 of this permit; and

iii. Total VOM emissions from the source, in tons, during each seasonal allotment period, which shall be compiled by November 30 of each year.

b. In the event that the source's VOM emissions during the seasonal allotment period equal or exceed 10 tons, the source shall become a participating source in the ERMS and beginning with the following seasonal allotment period, shall comply with 35 IAC Part 205, by holding allotment trading units (ATUs) for its VOM emissions during each seasonal allotment period, unless the source obtains exemption from the ERMS by operating with seasonal VOM emissions of no more than 15 tons pursuant to a limitation applied for and established in its CAAPP permit.

7.0 UNIT SPECIFIC CONDITIONS

7.1 Unit 01: MSW Landfill
Control 01: Open Flare and Landfill Gas to Energy Plant

7.1.1 Description

The Harbor View Landfill (also know as “Land and Lakes #3 landfill), located at 2000 East 122nd Street, Chicago, Illinois, is an inactive MSW landfill owned by the Stoney Island Reclamation and operated by the Land and Lakes Company. Classified as a MSW landfill, the landfill has been operating at this location since 1977. The landfill encompasses approximately 79 acres with a waste boundary of approximately 61 acres. The source is divided into 6 sub-units (i.e., Phases 1 through 6). Waste was last received at the site on October 15, 1998 and the source is currently undergoing final closure as per the requirements of 35 IAC Subtitle G: Waste Disposal

An active landfill gas collection and control system has been installed on the landfill in 1997 in order to minimize landfill gas migration and to produce electrical power from the landfill gas. The gas transmission piping system includes condensate collection sumps and knockouts to prevent pipe blockage. The landfill also has a leachate collection system.

A MSW landfill is defined as an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of RCRA Subtitle D wastes (40 CFR 257.2) such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste.

Landfill gas emissions from the source are generated from the decomposition of putrescible materials deposited in the landfill. Landfill gas is composed primarily of methane and carbon dioxide. A small percentage of other constituents present in the gas include hydrogen sulfide and nonmethane organic compound(s) (NMOC).

Beside landfill gas emissions, other emissions at the source include: combustion emissions (NO_x, CO, SO_2, PM/PM_{10}, and VOM) from the landfill control system (i.e., onsite open flare and the adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and candlestick Flare – BOA ID No. 031600GBM)).

Illinois Electrical Generation Partners, LP is a separate entity, which has contracted with the Stoney Island Reclamation to use the gas generated from the landfill in its landfill gas to energy plant.

7.1.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
01	Municipal Solid Waste Landfill	
	Phases 1 Through 6 (Waste Boundary 61 Acres) Waste Acceptance 1977 to October 15, 1998	Open Flare[1] and Landfill Gas to Energy Facilty[1]

[1] Open Flare owned by the Stoney Island Reclamation and operated by the Land and Lakes Company.

[2] Adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA ID No. 031600GBM)

7.1.3 Applicability Provisions and Applicable Regulations

a. The "affected landfill" for the purpose of these unit-specific conditions, is the MSW Landfill described in Conditions 7.1.1 and 7.1.2.

b. The affected landfill is subject to the emission limits identified in Condition 5.2.2.

c. The affected landfill is subject to 35 IAC Part 220, Non-methane Organic Compounds, because construction or modification of the affected landfill commenced before May 30, 1991 and has accepted waste since November 8, 1987, pursuant to 35 IAC 220.200(a).

35 IAC 220.210 - Compliance Requirements and Schedule:

i. Each owner or operator of an MSW landfill having a design capacity less than 2.5 million Mg by mass or 2.5 million m^3 by volume shall submit an initial design capacity report to

the Illinois EPA as provided in Condition 7.1.10(a). The owner or operator may calculate design capacity in either Mg or m^3 for comparison with the exemption values. Any density conversions shall be documented and submitted with the report. If the landfill is subsequently modified, then the owner or operator shall submit to the Illinois EPA an amended design capacity report as provided for in Condition 7.1.10(a)(ii). Submittal of an initial design capacity report and, if applicable, an amended design capacity report shall fulfill the requirements of 35 IAC 220. Pursuant to 35 IAC 220.200(b), modification of an MSW landfill will subject it to the requirements of 40 CFR 60, Subpart WWW. [35 IAC 220.210(a)]

ii. An owner or operator of an MSW landfill having a design capacity equal to or greater than 2.5 million Mg and 2.5 million m^3 shall submit an initial design capacity report and initial emissions rate report to the Illinois EPA, as provided in Condition 7.1.10(a) and (b), and comply with either Condition 7.1.3(c)(iii) or (iv). [35 IAC 220.210(b)]

iii. For MSW landfills with an NMOC emissions rate less than 50 Mg/yr, the owner or operator shall [35 IAC 220.210(c)]:

A. Submit an emission rate report, as provided by Condition 7.1.10(b), to the Illinois EPA; and [35 IAC 220.210(c)(1)]

B. Recalculate the NMOC emission rate using the procedures specified in Condition 7.1.7(a) until such time as the calculated NMOC emission rate is equal to or greater than 50 Mg/yr, at which time the provisions of Condition 7.1.3(c)(iv) shall apply, or the landfill is inactive. [35 IAC 220.210(c)(2)]

iv. For MSW landfills with emissions equal to or greater than 50 Mg/yr, calculated pursuant to Condition 7.1.7(a), within 30 months after the date when the first annual NMOC emission rate

report equals or exceeds 50 Mg/yr, an owner or operator shall [35 IAC 220.210(d)]:

A. Install and operate [35 IAC 220.210(d)(1)]:

1. A gas collection and control system meeting the gas collection system and control requirements of 35 IAC 220.220 and 220.230; or [35 IAC 220.210(d)(1)(A)]

2. An alternate gas collection and control system using alternate procedures for gas collection and control, determining compliance, monitoring, operation, testing, recordkeeping, or reporting instead of those provided for in this 35 IAC 220, as approved by the Illinois EPA or Illinois PCB, as meeting the requirements in 35 IAC 220.220(d) or (e), or 35 IAC 220.230(d) or (e). Such alternate system shall be effective only when included in a federally enforceable permit or approved as a SIP revision. [35 IAC 220.210(d)(1)(B)]

B. Certify compliance: Within 6 months of initial startup or upon change in method of compliance the owner or operator of an MSW landfill subject to the control requirements of Condition 7.1.3(c) must certify compliance with the requirements of Condition 7.1.3(c) by submitting to the Illinois EPA the following [35 IAC 220.210(d)(2)]:

1. A description of the gas collection and control system used; [35 IAC 220.210(d)(2)(A)]

2. The date the system was installed; and [35 IAC 220.210(d)(2)(B)]

3. A demonstration that the control system meets the requirements of 35

IAC 220.230: [35 IAC 220.210(d)(2)(C)]

I. For active collection systems: the reduction efficiency or ppmv must be established by a performance test using the test methods required pursuant to 35 IAC 220.260(d); or [35 IAC 220.210(d)(2)(C)(i)]

II. For open flares: compliance with the requirements of 40 CFR 60.18), incorporated by reference in 35 IAC 220.130, must be established. [35 IAC 220.210(d)(2)(C)(ii)]

At the time of issuance of this permit, see Date Issued on page 1, the affected landfill is defined has an “inactive landfill”, as per 35 IAC 220.110. Based upon the Tier 2, dated July 29, 1999, submitted as per Condition 7.1.3(c)(iii) and 35 IAC 220.260(a), and the reported NMOC emissions rate of less than 50 Mg/yr, the facility is not subject to further landfill gas collection and control, monitoring, testing, recordkeeping, and reporting requirements of 35 IAC 220.

At all times, the Permittee shall maintain and operate the MSW landfill, including air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

d. The affected landfill is subject to the NESHAP for Asbestos, 40 CFR 61 Subparts A and M, because the affected landfill is a source that is listed in the NESHAP. [40 CFR 61.140]

Specifically, portions of the affected landfill meet the definition of an inactive waste disposal site as defined in 40 CFR 61.141, i.e., has received asbestos-containing waste material.

i. For any closed active waste disposal site previously subject to the requirements of 40 CFR 61.154, the Permittee shall comply with

the requirements of 40 CFR 61.151 [40 CFR 61.154(g)].

ii. For any active waste disposal site that receives asbestos-containing waste material from a source covered under 40 CFR 61.149, 61.150, or 61.155, the Permittee must comply with the requirements of 40 CFR 61.154.

7.1.4 Non-Applicability of Regulations of Concern

a. This permit is issued based on the affected landfill not being subject to the New Source Performance Standards (NSPS) for Municipal Solid Waste Landfills, 40 CFR Part 60, Subpart WWW, because the affected landfill has not commenced construction, reconstruction or modification on or after May 30, 1991 [40 CFR 60.750(a)].

b. This permit is issued based on the affected landfill not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected landfill is subject to an emission limitation or standard for which this CAAPP permit specifies a continuous compliance determination method, pursuant to 40 CFR 64.2(b)(1)(vi).

c. This permit is issued based on the affected landfill not being subject to the requirements of 35 IAC 212.321, Emissions of Particulate Matter from Process Emission Units, because due to the unique nature of this process, such rules cannot reasonably be applied.

7.1.5 Operational and Production Limits and Work Practices

a. NESHAP 40 CFR 61 Subpart M: Handling Procedures and Control Measures for the Disposal of ACWM

As applicable for each site, the Permittee shall comply with one of the following:

i. Inactive Waste Disposal Sites [40 CFR 61.151]:

A. The Permittee must comply with one of the following:

1. Either discharge no visible emissions to the outside air from an inactive waste disposal site where ACWM has been deposited [40 CFR 61.151(a)(1)]; or

2. The ACWAM shall be covered with at least 15 centimeters (6 inches) of compacted nonasbestos-containing material, and the Permittee shall grow and maintain a cover of vegetation on the area adequate to prevent exposure of the ACWM [40 CFR 61.151(a)(2)]; or

3. The Permittee shall cover the asbestos-containing waste material with at least 60 centimeters (2 feet) of compacted nonasbestos-containing material, and maintain it to prevent exposure of the asbestos-containing waste. [40 CFR 61.151(a)(3)]

B. Unless a natural barrier adequately deters access by the general public, install and maintain warning signs and fencing as required in 40 CFR 61.151(b), or comply with 40 CFR 61.151(a)(2) or (a)(3). [40 CFR 61.151(b)}

C. The Permittee may use an alternative control method that has received prior approval of the Illinois EPA rather than comply with the requirements of 40 CFR 61.151(a) or (b). [40 CFR 61.151(c)]

ii. Active Waste Disposal Sites [40 CFR 61.154]:

A. For any active waste disposal site that receives asbestos-containing waste material from a source covered under 40 CFR 61.149, 61.150, or 61.155, the Permittee must comply with the following requirements:

1. Either there must be no visible emissions to the outside air from any active waste disposal site

where asbestos-containing waste material has been deposited, or the requirements of 40 CFR 61.154(c) or (d) must be met. [40 CFR 61.154(a)]

2. Unless a natural barrier adequately deters access by the general public, either warning signs and fencing must be installed and maintained as shown in 40 CFR 61.154(b), or the requirements of 40 CFR 61.154(c)(1) must be met. [40 CFR 61.154(b)]

   If applicable, upon Illinois EPA request, the Permittee shall supply appropriate information that will allow the Illinois EPA to determine whether a fence or a natural barrier adequately deters access by the general public. [40 CFR 61.154(b)(3)]

3. Rather than meet the no visible emission requirement of 40 CFR 61.154(a), at the end of each operating day, or at least once every 24-hour period while the site is in continuous operation, the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24-hour period shall be covered as shown in 40 CFR 61.154(c): [40 CFR 61.154(c)]

4. Rather than meet the no visible emission requirement of 40 CFR 61.154(a), use an alternative emissions control method that has received prior written approval by the Illinois EPA according to the procedures described in 40 CFR 61.149(c)(2). [40 CFR 61.154(d)]

B. Upon closure of an affected active waste disposal site, the Permittee shall comply

with the requirements of 40 CFR 61.151. [40 CFR 61.154(g)]

b. The Permittee must obtain a construction permit from the Illinois EPA prior to the construction of any new emission source or any new air pollution control equipment, or cause or allow the modification of any existing emission source or air pollution control equipment. [35 IAC 201.142]

This requirement includes increases in landfill design capacity, See the definitions in 35 IAC 220.110, and installation of a new or modification of the existing landfill gas collection and control system(s). The construction permit application shall include:

i. The information required as per 35 Ill. Adm. Code 201.152.

ii. As appropriate, information shown on the CAAPP application forms listed on the Illinois EPA website at http://www.epa.state.il.us/air/forms.html.

iii. Information as to whether the proposed system is intended to comply with NSPS gas collection and control requirements, See Condition 7.1.3(c)(i).

iv. Information regarding potential emissions, as related to applicability of PSD or NSR.

c. Open Flare Operational Requirements

At all times, the Permittee shall maintain and operate the utility flare, in a manner consistent with good air pollution control practices for minimizing emissions. Therefore, the utility flare shall be designed and operated in accordance with 40 CFR 60.18 (See Condition 7.1.3(c)). This includes but is not limited to the following:

i. The open flare shall be designed for and operated with no visible emissions as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. [40 CFR 60.18(c)(1)]

ii. The open flare shall be operated with a flame present at all times while landfill gasses are being vented to it, as determined by the methods specified in 40 CFR 60.18(f). [40 CFR 60.18(c)(2)]

iii. The Permittee has the choice of adhering to either the heat content specifications in 40 CFR 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR 60.18(c)(4), or adhering to the requirements in 40 CFR 60.18(c)(3)(i). [40 CFR 60.18(c)(3)}

iv. The Permittee shall monitor the open flare to ensure that they are operated and maintained in conformance with their designs. [40 CFR 60.18(d)]

v. The open flare shall be operated at all times when landfill gasses may be vented to them. [40 CFR 60.18(e)]

vi. Reference Method 22 shall be used to determine the compliance of open flare with the visible emission provisions of this subpart. The observation period is 2 hours and shall be used according to Method 22. [40 CFR 60.18(f)(1)]

vii. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame. [40 CFR 60.18(f)(2)]

viii. The net heating value of the gas being combusted in the open flare shall be calculated using the following equation: [40 CFR 60.18(f)(3)]

$$H_T = K \sum_{i=1}^{n} C_i H_i$$

Where:

H_T = Net heating value of the sample, MJ/scm; where the net enthalpy per mole of offgas is based on combustion at 25°C and 760 mm Hg, but the standard temperature for

determining the volume corresponding to one mole is 20°C;

K = Constant,

$$1.740 \times 10^{7} \left(\frac{1}{ppm}\right)\left(\frac{gmole}{scm}\right)\left(\frac{MJ}{Kcal}\right)$$

Where the Standard Temperature for $\left(\frac{g - mole}{scm}\right)$ is 20°C

C_i = Concentration of sample component i in ppm on a wet basis, as measured for organics by Reference Method 18 and measured for hydrogen and carbon monoxide by ASTM D1946-77 (Incorporated by reference as specified in §60.17); and

H_i = Net heat of combustion of sample component i, kcal/g mole at 25°C and 760 mm Hg. The heats of combustion may be determined using ASTM D2382-76 (incorporated by reference as specified in §60.17) if published values are not available or cannot be calculated.

ix. The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip. [40 CFR 60.18(f)(4)]

x. The maximum permitted velocity, V_{max}, for a flare shall be determined by the following equation. [40 CFR 60.18(f)(6)]

$$V_{max} = 8.706 + 0.7084\ (H_T)$$

V_{max} = Maximum permitted velocity, m/sec

8.706 = Constant

0.7084 = Constant

H_T = The net heating value as determined in accordance with 40 CFR 60.18(f)(3).

7.1.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected landfill is subject to the following:

a. Controlled emissions from the affected landfill's gas recovery system and utility flare shall not exceed 2,145 scfm and the following emission limits:

Pollutant	Emissions		
	(lb/hr)	(ton/yr)	
SO_2	2.14	9.37	T1
CO	12.87	56.37	T1
NO_x	3.85	16.86	T1
VOM	0.684	3.00	T1

The above limitations were established in Permit 96080031 (BOA ID No. 031600GBH), pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

The above limitations contain revisions to previously issued Permit 90060022. The source has requested that the Illinois EPA establish conditions in this permit that allow various refinements from the conditions of this aforementioned permit, consistent with the information provided in the CAAPP application. The source has requested these revisions and has addressed the applicability and compliance of Title I of the CAA, specifically 35 IAC Part 203, Major Stationary Sources Construction and Modification and/or 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits continue to ensure that the construction and/or modification addressed in this permit does not constitute a new major source or major modification pursuant to these rules. These limits are the primary enforcement mechanism for the equipment and

activities permitted in this permit and the information in the CAAPP application contains the most current and accurate information for the source. Specifically, the above limit increase PM/PM_{10} emissions from negligible (i.e., 0.10 lb/hr and 0.44 ton/yr) to the above based upon a change in emission factors. [T1R].

These limits are based on maximum capacities of the flare, maximum hours of operation and standard emission factors and calculation procedures and special model emission factors submitted in the application. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1 and T1R].

b. This permit is issued based upon the landfill being closed to all waste operation as per the applicable requirements of 35 IAC Subtitle G. Therefore, the Permittee is prohibited from accepting any waste at the landfill without the written approval of the Illinois EPA (See Condition 7.1.5(b)).

7.1.7 Testing Requirements

a. The Permittee shall sample and analyze the landfill gas entering the control system(s) at least once per year. This analyses shall include determinations for the following: heat value; methane content, and nonmethane organic compound (NMOC) content, if USEPA Method 18 is used the minimum list of compounds to be tested shall be those published in the most recent Compilation of Air Pollutant Emission Factors (AP-42). The Permittee is allowed to use landfill gas analyses performed by an independent company and landfill gas analysis methodologies approved by either Illinois EPA and/or USEPA (i.e., ASTM or 40 CFR 60 Appendix A). The Permittee is required to make the above determinations based upon the average of three consecutive test runs. Written notification of testing or submittal of a formal testing protocol is not required for these tests.

b. Compliance with the fugitive dust limitation in Conditions 5.2.2(a) shall be based upon the observations of an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2

kilometers per hour (25 miles per hour). Fugitive dust emissions from the source shall be monitored at least once per day and the observing period shall be at the discretion of the observer, but not less than one minute. [35 IAC 212.301]

7.1.8 Monitoring Requirements

a. General Requirements

Not withstanding the exclusion from the monitoring requirements under 35 IAC 220 (Conditions 7.1.3), the Permittee is required to perform the following:

i. The Permittee shall calibrate, maintain, and operate according to the manufacturer's specifications, the following equipment: [35 Ill. Adm. Code 201.281]

A. A gas flow rate measuring device(s) that shall record the flow to the control system(s) (e.g., the gas flow to the utility (open) flare and the engines) at least every 15 minutes;

B. A gas flow rate measuring device(s) that provides a measurement of gas flow to or bypass of the control system(s). The owner or operator shall either:

1. Install, calibrate, and maintain a gas flow rate measuring device that shall record the flow to the control system at least every 15 minutes; or

2. Secure the bypass line valve(s) in the closed position with a car-seal or a lock-and-key type configuration. A visual inspection of the seal or closure mechanism shall be performed at least once every month to ensure that the valve(s) are maintained in the closed position and that the gas flow is not diverted through the bypass line(s).

C. As applicable, a heat sensing device, such as an ultraviolet beam sensor or thermocouple, at the pilot light or the flame itself to indicate the continuous presence of a flame on any flare installed at the source.

ii. Fugitive Dust

Compliance with the fugitive dust limitation in Conditions 5.2.2(a), shall be based upon the following:

A. The Permittee shall implement a program to monitor and control wind erosion on the landfill surfaces, particulate matter re-entrainment during landfill activities and fugitive particulate matter emissions from any roadway or parking area on at least a weekly basis.

B. No inspection shall be necessary for wind erosion from the surface the landfill when the landfill is covered with snow and/or ice and for any landfill activity if precipitation has occurred that is sufficient for that day to ensure compliance with the requirements of Condition 5.2.2(a). Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

C. Corrective action shall be implemented pursuant to a course of action outlined in the program. Such corrective action may include but is not limited to the application of a protective cover on landfill surfaces, the spraying of surfactant solution or water on a regular basis, or other equivalent treatment methods.

D. If the fugitive particulate matter program fails to address or inadequately addresses an event that meets the characteristics of a wind erosion,

particulate matter re-entrainment, or fugitive event but was not included in the program at the time the Permittee developed the plan, the Permittee shall revise the program within 45 days after the event to include detailed procedures for operating, monitoring, and maintaining the source during similar events and a program of corrective action for similar events. The Illinois EPA may require the Permittee to make changes to the program if the Illinois EPA finds that the program does not adequately address a wind erosion, re-entrainment, or fugitive event.

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected landfill to demonstrate compliance with Conditions 5.5.1, 5.5.3, 7.1.3 and 7.1.6, pursuant to Section 39.5(7)(b) of the Act:

a. The Permittee shall maintain and retain the following general records:

i. Copies of all test reports used to determine site-specific NMOC emission rate(s) and/or methane generation rate constant(s) (k) and the latest site-specific NMOC emission rate(s) and/or methane generation rate constant(s) (k) used to determine MSW landfill emissions developed pursuant to Condition 7.1.7;

ii. Any additional landfill gas analyses that may be conducted during the normal operation of the gas collection system;

iii. Up-to-date, readily accessible continuous records of the landfill gas flow to the control system (Monthly and annual), and all periods of operation in which the control system was by-passed and any periods when landfill gas is directly vented to the atmosphere. Annual landfill gas usage shall be determined each month based on the current month of record’s usage plus the usage for the preceding 11 months;

iv. Daily determinations of visible emissions as per Condition 7.1.7(b);

v. A maintenance and repair log for the affected landfill's gas collection and control system, listing each activity performed with date. This requirement includes the landfill cover inspection and repair requirement in Condition 7.1.8(a).

vi. Copies of USEPA or Illinois EPA approval of changes to compliance procedures in Condition 7.1.12.

vii. As installed records of the landfill gas collection and control system including the following:

A. As built diagrams and drawings of the collection system;

B. Identification of the make, model, specifications and manufacture of blower and enclosed flare;

C. Identification of the as built specifications of the gas collection system; and

D. Copies of all records required pursuant to the requirements of 35 IAC Subtitle G.

viii. Inspections:

A. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

B. The date of each inspection where it was determined by the Permittee that it was necessary to implement the control measures;

C. The dates the control measures were implemented; and

D. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

ix. Any operating parameters that are continuously monitored and recorded that are associated with proper operation of the affected emission units and/or control equipment.

x. Monthly and aggregate annual NMOC, VOM, SO_2, NO_x, CO, PM, and PM_{10} emissions from the affected MSW landfill and control system, calculated based on the compliance procedures in Condition 7.1.13, with supporting calculations;

b. 35 IAC 220.290 - Recordkeeping Requirements:

i. For the life of the landfill, the design capacity report in which the landfill became equal to or greater than 2.5 million Mg and 2.5 million m^3, the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. [35 IAC 220.290(a)]

c. NESHAP 40 CFR 61 Subpart M: Handling Procedures and Control Measures for the Disposal of ACWM

Active Waste Disposal Sites [40 CFR 61.154]:

i. For all asbestos-containing waste material received, the Permittee shall: [40 CFR 61.154(e)]

A. Maintain waste shipment records, using a form similar to that shown in Figure 4 of 40 CFR 61 Subpart M, and include the following information: [40 CFR 61.154(e)(1)]

1. The name, address, and telephone number of the waste generator. [40 CFR 61.154(e)(1)(i)]

2. The name, address, and telephone number of the transporter(s). [40 CFR 61.154(e)(1)(ii)]

3. The quantity of the asbestos-containing waste material in cubic meters (cubic yards). [40 CFR 61.154(e)(1)(iii)]

4. The presence of improperly enclosed or uncovered waste, or any asbestos-containing waste material not sealed in leak-tight containers. [40 CFR 61.154(e)(1)(iv)]

5. The date of the receipt. [40 CFR 61.154(e)(1)(v)]

B. Maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area. [40 CFR 61.154(f)]

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected landfill with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

a. An amended design capacity report shall be submitted to the Illinois EPA providing notification of an increase in the design capacity of the landfill within 90 days after an increase in the maximum design capacity of the landfill to or above 2.5 million Mg and 2.5 million m^3. This increase in design capacity may result from an increase in the permitted volume or an increase in the density of the landfill.

b. The Permittee shall notify the Illinois EPA within 30 days of an exceedance of the limits in Conditions

7.1.3, 7.1.5, or 7.1.6. The notification shall include:

i. Identification of the limit that may have been exceeded.

ii. Duration of the possible exceedance.

iii. An estimate of the amount of emissions in excess of the applicable standard.

iv. A description of the cause of the possible exceedance.

v. When compliance was reestablished.

c. NESHAP 40 CFR 61 Subpart M: Handling Procedures and Control Measures for the Disposal of ACWM

i. Report in writing to the Illinois EPA, Compliance Section and, if different, the local, State, or EPA Regional office responsible for administering the asbestos NESHAP program for the waste generator (identified in the waste shipment record), by the following working day, the presence of a significant amount of improperly enclosed or uncovered waste. A copy of the waste shipment records, required under 40 CFR 61.154(e)(1) (See Condition 7.1.10(b)(i)), shall be submitted along with the report. [40 CFR 61.154(e)(1)(iv)]

ii. As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator. [40 CFR 61.154(e)(2)]

iii. Upon discovering a discrepancy between the quantity of waste designated on the waste shipment records and the quantity actually received, attempt to reconcile the discrepancy with the waste generator. If the discrepancy is not resolved within 15 days after receiving the waste, immediately report in writing to the Illinois EPA, Compliance Section and, if different, the local, State, or EPA Regional office responsible for administering the asbestos NESHAP program for the waste

generator (identified in the waste shipment record). The report shall describe the discrepancy and attempts to reconcile it, and it shall include copy of the waste shipment records, required under 40 CFR 61.154(e)(1) (See Condition 7.1.10(b)(i)). [40 CFR 61.154(e)(3)]

iv. Submit to the Illinois EPA, upon closure of the facility, a copy of records of asbestos waste disposal locations and quantities. [40 CFR 61.154(h)]

v. Notify the Illinois EPA in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the Illinois EPA at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. Include the following information in the notice: [40 CFR 61.151(d) or 40 CFR 61.154(j)]

A. Scheduled starting and completion dates.

B. Reason for disturbing the waste.

C. Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. If deemed necessary, the Illinois EPA or USEPA may require changes in the emission control procedures to be used.

D. Location of any temporary storage site and the final disposal site.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.1.12 Compliance Procedures

a. Compliance with the emission limits in Conditions 5.5.1 and 7.1.6 shall be based on the following:

i. For the purpose of estimating SO_2 and controlled and un-controlled methane, NMOC, VOM, and HAP emissions may be calculated based upon the monitoring, recordkeeping, and reporting requirements in Conditions 7.1.8, 7.1.9, and 7.1.10; the USEPA Landfill Gas Emissions Model (See http://www.epa.gov/ttn/chief and AP-42, Chapter 2.4) and the landfill gas collection efficiencies shown in AP-42, Chapter 2.4. The Permittee is allowed to use site-specific NMOC concentration and/or methane generation rate constant (k) determined through the procedures shown in 35 IAC 220.260. Further, the Permittee is allowed to use NMOC concentration, methane generation rate constant (k) and/or methane generation potential (Lo) approved by USEPA or Illinois EPA. In addition, the Permittee is allowed to use site specific HAP emissions data recorded during landfill gas testing provided that full documentation and emissions calculations data is provided as part of the emission report. It should be noted that approval must be made in writing for any changes made to standard USEPA methods.

Default factor values are as follows:

Sulfur Concentration	46.9 ppm
Methane Concentration	55%
NMOC Concentration	766 ppm
Percent NMOC Reduction	99.2%

ii. Flare Emissions shall be calculated based upon the following emission factors and emission calculation equation; and the testing, monitoring, recordkeeping, and reporting requirements in Conditions 7.1.7, 7.1.8, 7.1.9, and 7.1.10, respectively:

PM/PM_{10}

	Lb/10^6 dscf Methane	lb/hr/dscfm Methane	lb/dscf Landfill Gas
PM/PM_{10}	17	0.001	0.000009

Control System Emissions (lb) = Appropriate Emission Factor x Landfill Usage (cubic feet)

All factors are derived from AP-42 emission factors (Chapter 2.4, Table 2.4-5) and the default landfill gas concentrations, as per AP-42, and control efficiencies listed above:

NO_x and CO

Pollutant	Emission Factors (Lb/mmBtu)	Derived From
NO_x	0.06	1
CO	0.30	1

Notes:

[1] Emission factor based upon manufactures expected performance levels;

Flare Emissions (lb) = (Landfill Gas Vented to the Flare, dscf) x (The Appropriate Emission Factor, lb/mmBtu) x 60 minutes/hour x Landfill Net heating value)

Landfill Net heating value of combustion shall be based upon the determination shown in Condition 7.1.7(a).

iii. Landfill Operations PM and PM_{10} emissions shall be calculated based upon the following emission factors and operating data:

A. For the purpose of estimating fugitive PM and PM_{10} emissions from the paved roadways at the source, the emission factors and formulas in Sections 13.2.1 of AP-42, Volume I, Fifth Edition, Supplement D, October, 1997 are acceptable.

B. For the purpose of estimating fugitive PM and PM_{10} emissions from the unpaved roadways at the source, the emission factors and formulas in Sections 13.2.2 of AP-42, Volume I, Fifth Edition, Supplement E, September, 1998 are acceptable.

iv. Compliance with Condition 5.5.1 shall be based upon the sum of both controlled and uncontrolled emissions for each air contaminate.

Unless approved in writing by the Illinois EPA, the results of source testing shall take precedence over the emission factors and calculation procedures shown above.

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after _____**{insert public notice start date}** (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this permit, provided that [Section 39.5(12)(a)(i) of the Act]:

a. The changes do not violate applicable requirements;

b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;

c. The changes do not constitute a modification under Title I of the CAA;

d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and

e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:

i. Describe the physical or operational change;

ii. Identify the schedule for implementing the physical or operational change;

iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;

iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and

v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

Monitoring Period	Report Due Date
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

a. The name and identification of the affected unit(s);

b. The person(s) who will be performing sampling and analysis and their experience with similar tests;

c. The specific conditions under which testing will be performed, including a discussion of why these

conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;

d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;

e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;

f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and

g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

a. The name and identification of the affected unit(s);

b. The date and time of the sampling or measurements;

c. The date any analyses were performed;

d. The name of the company that performed the tests and/or analyses;

e. The test and analytical methodologies used;

f. The results of the tests including raw data, and/or analyses including sample calculations;

g. The operating conditions at the time of the sampling or measurements; and

h. The name of any relevant observers present including the testing company’s representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:

i. Illinois EPA - Air Compliance Section

Illinois Environmental Protection Illinois EPA
Bureau of Air
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

ii. Illinois EPA - Air Regional Field Office

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

iii. Illinois EPA - Air Permit Section (MC 11)

Illinois Environmental Protection Illinois EPA
Division of Air Pollution Control
Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AR - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604

b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 (“Title I provisions”) and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;

b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and

d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(a) and (p)(ii) of the Act and 415 ILCS 5/4]:

a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

d. Sample or monitor any substances or parameters at any location:

   i. At reasonable times, for the purposes of assuring permit compliance; or

   ii. As otherwise authorized by the CAA, or the Act.

e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and

f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].

b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 – Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.

c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

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 [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:

   i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;

   ii. The permitted source was at the time being properly operated;

   iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

   iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.

b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;

b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;

c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and

d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA 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 the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(l), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 - Summary of Emission Units

TABLE 1-1

Emission Unit	Description	Emission Control Equipment
01	Municipal Solid Waste Landfill	
	Phases 1 Through 6 (Waste Boundary 61 Acres) Waste Acceptance 1977 to October 15, 1998	Open Flare[1] and Landfill Gas to Energy Facilty[1]

[1] Open Flare owned by the Stoney Island Reclamation and operated by the Land and Lakes Company.

[2] Adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA I.D. No. 031600GBM)

10.2 Attachment 2 - Example Certification by a Responsible Official

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, 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.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.3 Attachment 3 - Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;

2. Minor Permit Modification; and

3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment

- Corrects typographical errors;

- Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;

- Requires more frequent monitoring or reporting by the Permittee;

- Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA. This shall be handled by completing form 272-CAAPP, REQUEST FOR OWNERSHIP CHANGE FOR CAAPP PERMIT; or

- Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits.

2. Minor Permit Modification

- Do not violate any applicable requirement;
- Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;
- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
    - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and
    - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.
- Are not modifications under any provision of Title I of the CAA;
- Are not required to be processed as a significant permit modification; and
- Modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- The source’s suggested draft permit/conditions;

- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

- Information as contained on form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;

- Applications requesting a significant change in existing monitoring permit terms or conditions;

- Applications requesting a relaxation of reporting or recordkeeping requirements; and

- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or

- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or

- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at http://www.epa.state.il.us/air/forms.

Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.

Illinois Environmental Protection Agency
Division Of Air Pollution Control -- Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

Application For Construction Permit (For CAAPP Sources Only)	**For Illinois EPA use only**
	I.D. number:
	Permit number:
	Date received:

This form is to be used by CAAPP sources to supply information necessary to obtain a construction permit. Please attach other necessary information and completed CAAPP forms regarding this construction/modification project.

Source Information		
1. Source name:		
2. Source street address:		
3. City:		4. Zip code:
5. Is the source located within city limits?		☐ Yes ☐ No
6. Township name:	7. County:	8. I.D. number:

Owner Information		
9. Name:		
10. Address:		
11. City:	12. State:	13. Zip code:

Operator Information (if different from owner)		
14. Name		
15. Address:		
16. City:	17. State:	18. Zip code:

Applicant Information	
19. Who is the applicant? ☐ Owner ☐ Operator	20. All correspondence to: (check one) ☐ Owner ☐ Operator ☐ Source
21. Attention name and/or title for written correspondence:	
22. Technical contact person for application:	23. Contact person's telephone number:

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Summary Of Application Contents		
24.	Does the application address whether the proposed project would constitute a new major source or major modification under each of the following programs: a) Non-attainment New Source Review – 35 IAC Part 203; b) Prevention of Significant Deterioration (PSD) – 40 CFR 52.21; c) Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources – 40 CFR Part 63?	☐ Yes ☐ No
25.	Does the application identify and address all applicable emissions standards, including those found in the following: a) Board Emission Standards – 35 IAC Chapter I, Subtitle B; b) Federal New Source Performance Standards – 40 CFR Part 60; c) Federal Standards for Hazardous Air Pollutants – 40 CFR Parts 61 and 63?	☐ Yes ☐ No
26.	Does the application include a process flow diagram(s) showing all emission units and control equipment, and their relationship, for which a permit is being sought?	☐ Yes ☐ No
27.	Does the application include a complete process description for the emission units and control equipment for which a permit is being sought?	☐ Yes ☐ No
28.	Does the application include the information as contained in completed CAAPP forms for all appropriate emission units and air pollution control equipment, listing all applicable requirements and proposed exemptions from otherwise applicable requirements, and identifying and describing any outstanding legal actions by either the USEPA or the Illinois EPA? Note: The use of "APC" application forms is not appropriate for applications for CAAPP sources. CAAPP forms should be used to supply information.	☐ Yes ☐ No
29.	If the application contains TRADE SECRET information, has such information been properly marked and claimed, and have two separate copies of the application suitable for public inspection and notice been submitted, in accordance with applicable rules and regulations?	☐ Yes ☐ No ☐ Not Applicable, No TRADE SECRET information in this application

Note 1: Answering "No" to any of the above may result in the application being deemed incomplete.

Signature Block	
	This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.
30.	I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete. Authorized Signature: BY: _____ AUTHORIZED SIGNATURE _____ TITLE OF SIGNATORY _____ TYPED OR PRINTED NAME OF SIGNATORY _____ / _____ / _____ DATE

Note 2: An operating permit for the construction/modification permitted in a construction permit must be obtained by applying for the appropriate revision to the source's CAAPP permit, if necessary.

10.5 Attachment 5 - Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed renewal application form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.

2. A completed compliance plan form 293-CAAPP, COMPLIANCE PLAN/SCHEDULE OF COMPLIANCE FOR CAAPP PERMIT.

3. A completed compliance certification form 296-CAAPP, COMPLIANCE CERTIFICATION, signed by the responsible official.

4. Any applicable requirements that became effective during the term of the permit and that were not included in the permit as a reopening or permit revision.

5. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.

6. Information addressing any outstanding transfer agreement pursuant to the ERMS.

7. a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. This letter must also include a statement that information incorporated by reference is also being certified for truth and accuracy by the responsible official’s signing of the form 200-CAAPP, APPLICATION FOR CAAPP PERMIT and the form 296-CAAPP, COMPLIANCE CERTIFICATION. The boxes should be marked yes on form 200-CAAPP, APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.

b. If portions of current operations are not as described in previous submittals, then in addition to the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.

8. Information about all off-permit changes that were not prohibited or addressed by the permit to occur without a permit revision and the information must be sufficient to identify all applicable requirements, including monitoring, recordkeeping, and reporting requirements, for such changes.

9. Information about all changes made under 40 CFR 70.4(b)(12)(i) and (ii) that require a 7-day notification prior to the change without requiring a permit revision.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at http://www.epa.state.il.us/air/forms.html.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

I. INTRODUCTION

This source has applied for a Clean Air Act Permit Program (CAAPP) operating permit for its existing operation. The CAAPP is the program established in Illinois for the operating permits for significant stationary sources required by the federal Clean Air Act, as amended in 1990. The conditions in a CAAPP permit are enforceable by both the Illinois Environmental Protection Agency (Illinois EPA) and the USEPA.

The Harbor View Landfill (also know as “Land and Lakes #3 landfill), located at 2000 East 122nd Street, Chicago, Illinois, is an inactive MSW landfill owned by the Stoney Island Reclamation and operated by the Land and Lakes Company. Classified as a MSW landfill, the landfill has been operating at this location since 1977. The landfill encompasses approximately 79 acres with a waste boundary of approximately 61 acres. The source is divided into 6 sub-units (i.e., Phases 1 through 6). Waste was last received at the site on October 15, 1998 and the source is currently undergoing final closure as per the requirements of 35 IAC Subtitle G: Waste Disposal

An active landfill gas collection and control system has been installed on the landfill in 1997 in order to minimize landfill gas migration and to produce electrical power from the landfill gas. The gas transmission piping system includes condensate collection sumps and knockouts to prevent pipe blockage. The landfill also has a leachate collection system.

A MSW landfill is defined as an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of RCRA Subtitle D wastes (40 CFR 257.2) such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste.

Landfill gas emissions from the source are generated from the decomposition of putrescible materials deposited in the landfill. Landfill gas is composed primarily of methane and carbon dioxide. A small percentage of other constituents present in the gas include hydrogen sulfide and nonmethane organic compound(s) (NMOC).

Beside landfill gas emissions, other emissions at the source include: combustion emissions (NO_x, CO, SO_2, PM/PM_{10}, and VOM) from the landfill control system (i.e., onsite open flare and the adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA ID No. 031600GBM)).

Illinois Electrical Generation Partners, LP is a separate entity, which has contracted with the Stoney Island Reclamation to use the gas generated from the landfill in its landfill gas to energy plant.

II. EMISSION UNITS

Significant emission units at this source are as follows:

Emission Unit	Description	Emission Control Equipment
01	Municipal Solid Waste Landfill	
	Phases 1 Through 6 (Waste Boundary 61 Acres) Waste Acceptance 1977 to October 15, 1998	Open Flare[1] and Landfill Gas to Energy Facilty[1]

[1] Open Flare owned by the Stoney Island Reclamation and operated by the Land and Lakes Company.

[2] Adjacent landfill gas to energy plant owned by Avon Energy Partners, LLC and operated Illinois Electrical Generation Partners, LP (i.e., landfill gas fired gensets and Candlestick Flare – BOA I.D. No. 031600GBM)

III. EMISSIONS

This source is required to have a CAAPP permit since it is a major source of emissions.

For purposes of fees, the source is allowed the following emissions:

Pollutant	Tons/Year
Volatile Organic Material (VOM)	0.810
Sulfur Dioxide (SO_2)	2.289
Particulate Matter (PM)	2.445
Nitrogen Oxides (NO_x)	8.800
HAP, Not Included in VOM or PM (i.e., HCl/NMOC)	2.433
Total	16.777

This permit is a combined Title I/CAAPP permit that may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the Clean Air Act and regulations promulgated thereunder, including 40 CFR 52.21 - federal Prevention of Significant Deterioration (PSD) and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within the permit by T1, T1R, or T1N. The source has requested that the Illinois EPA establish or revise such conditions in a Title I permit, consistent with the information provided in the CAAPP application. Any conditions established in a construction permit pursuant to Title I and not revised or deleted in this permit, remain in effect pursuant to Title I provisions until such time that the Illinois EPA revises or deletes them.

IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board’s emission standards. The Board's emission standards represent the basic requirements for sources in Illinois.

All emission sources in Illinois must comply with the federal New Source Performance Standards (NSPS). The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.

All emission sources in Illinois must comply with the federal National Emission Standards for Hazardous Air Pollutants (NESHAP). The Illinois EPA is administering NESHAP in Illinois on behalf of the United States EPA under a delegation agreement.

V. PROPOSED PERMIT

CAAPP

A CAAPP permit contains all conditions that apply to a source and a listing of the applicable state and federal air pollution control regulations that are the origin of the conditions. The permit also contains emission limits and appropriate compliance procedures. The appropriate compliance procedures may include inspections, work practices, monitoring, record keeping, and reporting to show compliance with these requirements. The Permittee must carry out these procedures on an on-going basis.

Title I

A combined Title I/CAAPP permit contains terms and conditions established by the Illinois EPA pursuant to authority found in Title I provisions, e.g., 40 CFR 52.21 - federal Prevention of Significant Deterioration (PSD) and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Notwithstanding the expiration date on the first page of the permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

ERMS

Because this source is located in the Chicago ozone non-attainment area and emits volatile organic material (VOM), the permit includes conditions to implement the Emissions Reduction Market System (ERMS). The ERMS is a market-based program designed to reduce VOM emissions from stationary sources to contribute to reasonable further progress toward attainment, as further described in Section 6.0 of the permit. The permit contains the Illinois EPA’s determination of the source’s baseline emissions and allotment of trading units under the ERMS, and identifies units not subject to further reductions. The permit also provides that the source must begin to operate under the ERMS following

the initial issuance of allotment trading units to the source. This will occur for the 2000 seasonal allotment period (rather than the 1999 season as originally intended by the ERMS) due in part to delays in the initial issuance of CAAPP Permits. These delays, which have occurred nationally, are attributable to a variety of causes including the unforeseen complexity of processing these permits and gaps in national guidance. Even though operation under the ERMS will not officially start until the 2000 seasonal allotment period, detailed recordkeeping and reporting of seasonal emissions was required beginning in 1998, which will document emissions reductions achieved by sources in 1999 in preparation for the ERMS.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this source’s permit application meets the standards for issuance of a CAAPP permit. The Illinois EPA is therefore proposing to issue a CAAPP permit, subject to the conditions proposed in the draft permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.

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