

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 8-4424-00001/00023 Renewal Number: 1



06/06/2006

Facility Identification Data

Name: CARGILL SALT CO- WATKINS GLEN PLANT
Address: 518 EAST FOURTH ST
WATKINS GLEN, NY 14891

Owner/Firm

Name: CARGILL INC
Address: 15407 MCGINTY ROAD WEST
WAYZATA, MN 55391-2399, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
Name: ROGER T MCDONOUGH
Address: 6274 EAST AVON LIMA RD
AVON, NY 14414-9519

Division of Air Resources:
Name: DANIEL E WALSH
Address: 6274 EAST AVON-LIMA RD
AVON, NY 14414
Phone:5852262466

Air Permitting Contact:
Name: DEREK FARMER
Address: CARGILL SALT CO
518 E FOURTH ST
WATKINS GLEN, NY 14891
Phone:6075356364

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

Application for renewal of Air Title V Facility.

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Attainment Status

CARGILL SALT CO- WATKINS GLEN PLANT is located in the town of DIX in the county of SCHUYLER.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone* ATTAINMENT)	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

FOOD GRADE SALTS ARE PRODUCED THROUGH SOLUTION MINING TECHNIQUES BY REDUCING THE SALT WATER BRINE CONTENT THROUGH AN AIR EVAPORATION PROCESS. FOLLOWING EVAPORATION, THE SALT SLURRY IS PASSED THROUGH A FLUID BED SALT DRYER AND ROUTED THROUGH VARIOUS SALT PROCESSING LINES.

Permit Structure and Description of Operations

The Title V permit for CARGILL SALT CO- WATKINS GLEN PLANT is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.

A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus,

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contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device.

[NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

CARGILL SALT CO- WATKINS GLEN PLANT is defined by the following emission unit(s):
Emission unit U00001 - TWO 92.2 MMBTU/HR ERIE COAL-FIRED SPREADER STOKER TYPE BOILERS ARE USED TO GENERATE PROCESS STEAM. THE EMISSIONS RESULTING FROM THE TWO BOILERS ARE VENTED SEPARATELY THROUGH A SELF-CONTAINED MULTI-CLONE SYSTEM AND ARE VENTED TOGETHER THROUGH A BAGHOUSE PRIOR TO ENTERING THE ATMOSPHERE.

Emission unit U00001 is associated with the following emission points (EP):
00001

It is further defined by the following process(es):

Process: 001 is located at BOILER ROOM, Building BR - TWO 92.2 MMBTU/HR ERIE COAL-FIRED SPREADER STOKER TYPE BOILERS USED TO GENERATE PROCESS STEAM. THE EMISSIONS RESULTING FROM THE OPERATION OF THE TWO BOILERS ARE VENTED SEPARATELY TO THEIR SELF-CONTAINED MULTI-CLONE SYSTEM AND ARE VENTED TOGETHER THROUGH A FABRIC FILTER PRIOR TO ENTERING THE ATMOSPHERE.

Emission unit U00007 - ROTARY SALT COOLER USED TO COOL SALT PRIOR TO PROCESSING OPERATIONS. AIR EMISSIONS FROM ROTARY SALT COOLER AND FLAKE ROOM CLEANUP OPERATIONS ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00007 is associated with the following emission points (EP):
00007

It is further defined by the following process(es):

Process: 007 is located at MILL BUILDING (SOUTH, Building SOUTH MILL - ROTARY SALT COOLER USED TO COOL SALT PRIOR TO PROCESSING OPERATIONS. AIR EMISSIONS FROM THE ROTARY SALT COOLER AND FLAKE ROOM CLEANUP OPERATIONS ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Process: 07A is located at Mill Building (South, Building SOUTH MILL - Flake clean-up operations.

Emission unit U00008 - FLUID-BED SALT DRYER USED TO DRY SALT SLURRY PRIOR TO PROCESSING OPERATIONS. AIR EMISSIONS FROM FLUID-BED SALT DRYER ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00008 is associated with the following emission points (EP):

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00008

It is further defined by the following process(es):

Process: 008 is located at PAN BUILDING, Building PAN - FLUID-BED SALT DRYER USED TO DRY SALT SLURRY PRIOR TO PROCESSING OPERATIONS. AIR EMISSIONS FROM THE FLUID-BED SALT DRYER ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00009 - AIR EMISSIONS FROM MISCELLANEOUS CONVEYORS, SURGE BINS, AND BAGGING OPERATIONS IN THE MILL BUILDING ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE. THESE EMISSIONS ARE VENTED TO THE DUAL-MODULE SIDE OF THE FILTER. THE FABRIC FILTER IS A THREE-MODULE UNIT.

Emission unit U00009 is associated with the following emission points (EP):

00009

It is further defined by the following process(es):

Process: 009 is located at MILL BUILDING, Building MILL - AIR EMISSIONS FROM MISCELLANEOUS CONVEYORS, SURGE BINS, AND BAGGING OPERATIONS IN THE MILL BUILDING ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE. THESE EMISSIONS ARE VENTED TO THE DUAL-MODULE SIDE OF THE FABRIC FILTER. THE FABRIC FILTER IS A THREE-MODULE UNIT.

Process: 09N is located at Mill Building, Building MILL - Miscellaneous conveyors, surge bins, screens, bagging and other processing operations installed after 8/1/83 (NSPS Subpart OOO applicable).

Emission unit U00010 - AIR EMISSIONS FROM MISCELLANEOUS CONVEYORS, SURGE BINS, AND BAGGING OPERATIONS IN THE MILL BUILDING ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE. THESE EMISSIONS ARE VENTED TO THE SINGLE-MODULE SIDE OF THE FABRIC FILTER. THE FABRIC FILTER IS A THREE-MODULE UNIT.

It is further defined by the following process(es):

Process: 010 is located at MILL BUILDING, Building MILL - AIR EMISSIONS FROM MISCELLANEOUS CONVEYORS, SURGE BINS, AND BAGGING OPERATIONS IN THE MILL BUILDING ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE. THESE EMISSIONS ARE VENTED TO THE SINGLE-MODULE SIDE OF THE FABRIC FILTER. THE FABRIC FILTER IS A THREE-MODULE UNIT.

Emission unit U00013 - FLAKE SALT PACKAGING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00013 is associated with the following emission points (EP):

00013, 0013A, 0013B, 0013C

It is further defined by the following process(es):

Process: 013 is located at MILL BUILDING (SOUTH, Building SOUTH MILL - FLAKE SALT PACKAGING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Process: N13 is located at Mill Building (South, Building SOUTH MILL - Flake salt conveying and packaging operations installed after 8/1/83 (NSPS Subpart OOO applicable).

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Emission unit U00014 - FLAKE SALT PROCESSING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00014 is associated with the following emission points (EP):
00014

It is further defined by the following process(es):

Process: 014 is located at MILL BUILDING (SOUTH, Building SOUTH MILL - FLAKE SALT PROCESSING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Process: N14 is located at Mill Building (South, Building SOUTH MILL - Flake salt conveying, screening, storage and miscellaneous processing operations installed after 8/1/83 (NSPS Subpart 000 applicable).

Emission unit U00015 - BLOCK PRESS AND PACKAGING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING VENTED TO THE ATMOSPHERE.

Emission unit U00015 is associated with the following emission points (EP):
00015

It is further defined by the following process(es):

Process: 015 is located at MILL BUILDING (NORTH, Building NORTH MILL - BLOCK PRESS AND PACKAGING OPERATIONS ARE VENTED TO A FABRIC FILTER PRIOR TO BEING VENTED TO THE ATMOSPHERE.

Process: N15 is located at Mill Building (North, Building NORTH MILL - Bulk material conveying, screening, storage and transfer operations installed after 8/1/83 (NSPS Subpart 000 applicable)

Emission unit U00016 - PELLET PROCESSING AND PACKAGING OPERATIONS ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Emission unit U00016 is associated with the following emission points (EP):
00016

It is further defined by the following process(es):

Process: 016 is located at PELLET BUILDING, Building PELLET - PELLET PROCESSING AND PACKAGING OPERATIONS ARE VENTED TO A WET SCRUBBER PRIOR TO BEING RELEASED TO THE ATMOSPHERE.

Process: N16 is located at Pellet Building, Building PELLET - Pellet processing, conveying, screening, storage and packaging operations installed after 8/1/83 (NSPS Subpart 000 applicable)

Emission unit UBLR02 - ONE 33.5 MMBTU/HR DUAL-FIRED (NATURAL GAS AND NO. 2 FUEL OIL) BOILER WITH LOW NO_x BURNER. THE NO. 2 FUEL OIL IS USED PRIMARILY AS AN EMERGENCY BACK-UP FUEL SOURCE.

Emission unit UBLR02 is associated with the following emission points (EP):
00017, 00018

It is further defined by the following process(es):

Process: F02 is located at BOILER ROOM, Building BR - NO. 2 FUEL OIL COMBUSTION IN THE 33.5 MMBTU/HR DUAL-FIRED (NATURAL GAS AND NO. 2 FUEL OIL) BOILER. THE BOILER IS EQUIPPED WITH A LOW NOX BURNER.

Process: FO3 is located at Boiler Room, Building BR - This process configuration consists of No. 2 fuel oil combustion in the 10.5 MMBTU/hr dual fired (natural gas and No. 2 fuel oil) boiler.

Process: NG2 is located at BOILER ROOM, Building BR - NATURAL GAS COMBUSTION IN THE

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33.5 MMBTU/HR DUAL-FIRED (NATURAL GAS AND NO. 2 FUEL OIL) BOILER. THE BOILER IS EQUIPPED WITH A LOW NOX BURNER.

Process: NG3 is located at Boiler Room, Building BR - This process configuration consists of natural gas combustion in the 10.5 MMBTU/hr dual fired (natural gas and No. 2 fuel oil) boiler.

Title V/Major Source Status

CARGILL SALT CO- WATKINS GLEN PLANT is subject to Title V requirements. This determination is based on the following information:

This facility is subject to Title V permitting because the facility has actual emissions of oxides of nitrogen and sulfur dioxide that are greater than major source thresholds (i.e., > 100 tons per year)

Program Applicability

The following chart summarizes the applicability of CARGILL SALT CO- WATKINS GLEN PLANT with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

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NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

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Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
2899	CHEMICAL PREPARATIONS, NEC

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
1-03-005-02	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - DISTILLATE OIL 10-100MMBTU/HR **
1-03-005-01	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - DISTILLATE OIL Grades 1 and 2 Oil
1-03-006-02	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
1-02-006-02	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
1-02-002-04	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - SUBBITUMINOUS COAL Spreader Stoker
3-05-021-06	MINERAL PRODUCTS MINERAL PRODUCTS - SALT MINING Conveying
3-05-021-04	MINERAL PRODUCTS MINERAL PRODUCTS - SALT MINING Crushing
3-05-021-01	MINERAL PRODUCTS MINERAL PRODUCTS - SALT MINING General

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Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount of material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000630-08-0	CARBON MONOXIDE		>= 100 tpy but < 250 tpy
0NY100-00-0	HAP		>= 25 tpy but < 40 tpy
007647-01-0	HYDROGEN CHLORIDE (HAP)		>= 10 tpy
007439-92-1	LEAD (HAP)		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 250 tpy
0NY075-00-0	PARTICULATES		>= 250 tpy
0NY075-00-5	PM-10		>= 250 tpy
007446-09-5	SULFUR DIOXIDE		>= 250 tpy
007664-93-9	SULFURIC ACID		>= 10 tpy but < 25 tpy
0NY998-00-0	VOC		>= 2.5 tpy but < 10 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator

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can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

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The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the

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permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the

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requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L:

Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M:

Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A:

General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate

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and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	127
FACILITY	40CFR 60-A.11	General provisions - compliance with standards and maintenance requirements	47
FACILITY	40CFR 60-A.12	General provisions - Circumvention	48
FACILITY	40CFR 60-A.13	General provisions - Monitoring requirements	49
FACILITY	40CFR 60-A.14	General provisions - Modification	50
FACILITY	40CFR 60-A.15	General provisions - Reconstruction	51
FACILITY	40CFR 60-A.4	General provisions - Address	31
FACILITY	40CFR 60-A.7 (a)	Notification and Recordkeeping	32
FACILITY	40CFR 60-A.7 (b)	Notification and Recordkeeping	33
FACILITY	40CFR 60-A.7 (c)	Notification and Recordkeeping	34
FACILITY	40CFR 60-A.7 (d)	Notification and Recordkeeping	35
FACILITY	40CFR 60-A.7 (e)	Notification and Recordkeeping	36
FACILITY	40CFR 60-A.7 (f)	Notification and Recordkeeping	37
FACILITY	40CFR 60-A.7 (g)	Notification and Recordkeeping	38

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FACILITY	40CFR 60-A.8 (a)	Performance Tests	39
FACILITY	40CFR 60-A.8 (b)	Performance Tests	40, 41
FACILITY	40CFR 60-A.8 (c)	Performance Tests	42
FACILITY	40CFR 60-A.8 (d)	Performance Tests	43
FACILITY	40CFR 60-A.8 (e)	Performance Tests	44
FACILITY	40CFR 60-A.8 (f)	Performance Tests	45
FACILITY	40CFR 60-A.9	General provisions - Availability of information	46
U-BLR02	40CFR 60-Dc.40c	Steam generators 10-100 million Btu per hour	112
U-BLR02/-/F02	40CFR 60-Dc.42c (d)	Standard for Sulfur Dioxide Firing Oil. (see narrative)	116
U-BLR02/-/F02	40CFR 60-Dc.42c (g)	Averaging requirements.	117
U-BLR02/-/F02	40CFR 60-Dc.42c (i)	Standard for Sulfur Dioxide Period of Requirements.	118
U-BLR02/-/F02	40CFR 60-Dc.43c (c)	Standard for Opacity.	119
U-BLR02/-/F02	40CFR 60-Dc.44c (g)	Alternative Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.	120
U-BLR02/-/F02	40CFR 60-Dc.44c (h)	Alternative Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.	121
U-BLR02	40CFR 60-Dc.45c	Compliance and Performance Test Methods and Procedures for Particulate Matter.	113
U-BLR02/-/F02	40CFR 60-Dc.46c (e)	Exemption from Emission Monitoring for Sulfur Dioxide.	122
U-BLR02	40CFR 60-Dc.48c (d)	Reporting and Recordkeeping Requirements.	114
U-BLR02/-/F02	40CFR 60-Dc.48c (e) (11)	Reporting and Recordkeeping requirements - fuel supplier certifications	123
U-BLR02/-/F02	40CFR 60-Dc.48c (f) (1)	Reporting and Recordkeeping Requirements (distillate oil).	124
U-BLR02	40CFR 60-Dc.48c (g)	Reporting and Recordkeeping Requirements.	115
U-BLR02/-/F02	40CFR 60-Dc.48c (i)	Reporting and Recordkeeping Requirements.	125
U-00009/-/09N	40CFR 60-000.672	Rock, gravel, sand, and clay processing and conveying - standard for particulate matter	76, 77
U-00013/-/N13	40CFR 60-000.672	Rock, gravel, sand, and clay processing and conveying - standard for particulate matter	87, 88
U-00014/00014/N14	40CFR 60-000.672	Rock, gravel, sand, and clay processing and conveying - standard for particulate matter	95, 96



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U-00015/00015/N15	40CFR 60-000.672	Rock, gravel, sand, and clay processing and conveying - standard for particulate matter	102, 103
U-00016/00016/N16	40CFR 60-000.672	Rock, gravel, sand, and clay processing and conveying - standard for particulate matter	109, 110
FACILITY	40CFR 60-000.676 (a)	Rock, gravel, sand, and clay processing and conveying - reporting and recordkeeping	52
FACILITY	40CFR 68	Chemical accident prevention provisions	21
FACILITY	40CFR 82-F	Protection of Stratospheric Ozone - recycling and emissions reduction	22
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	1
FACILITY	6NYCRR 200.7	Maintenance of equipment.	10
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	128
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	11
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	12
FACILITY	6NYCRR 201-3.2 (a)	Exempt Activities - Proof of eligibility	13
FACILITY	6NYCRR 201-3.3 (a)	Trivial Activities - proof of eligibility	14
FACILITY	6NYCRR 201-6	Title V Permits and the Associated Permit Conditions	23, 53, 54
FACILITY	6NYCRR 201-6.5 (a) (4)	General conditions	15
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FACILITY	6NYCRR 201-6.5 (c)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	3
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FACILITY	6NYCRR 201-6.5 (d) (5)	Compliance schedules	17
FACILITY	6NYCRR 201-6.5 (e)	Compliance Certification	6
FACILITY	6NYCRR 201-6.5 (f) (6)	Off Permit Changes	18
FACILITY	6NYCRR 202-1.1	Required emissions tests.	19
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	7
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	8
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	129

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U-00007/00007	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	66, 67
U-00008/00008	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	74
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U-00013/00013	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	89
U-00014/00014	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	91
U-00015/00015	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	98
U-00016/00016	6NYCRR 212.3 (a)	General Process Emission Sources - emissions from existing emission sources	105
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U-00008	6NYCRR 212.4 (a)	General Process Emission Sources - emissions from new sources and/or modifications	69, 70, 71
U-00009	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	75
U-00009/00009	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	79
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U-00010	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	82
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U-00015	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	97
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U-00015/00015/015	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	100
U-00016	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	104
U-00016/00016	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	106
U-00016/00016/016	6NYCRR 212.4 (c)	General Process Emission Sources - emissions from new processes and/or modifications	107
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U-00009/00009/009	6NYCRR 212.6 (a)	General Process Emission Sources - opacity of emissions limited	81
U-00013/-/013	6NYCRR 212.6 (a)	General Process Emission Sources - opacity of emissions limited	86
U-00014/00014/014	6NYCRR 212.6 (a)	General Process Emission Sources - opacity of emissions limited	94
U-00015/00015/015	6NYCRR 212.6 (a)	General Process Emission Sources - opacity of emissions limited	101
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U-00001/00001	6NYCRR 227-1.2(b)	Particulate Emissions from 2 or More Connected Furnaces.	59
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U-00001/00001	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	60
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U-00001/00001	6NYCRR 227-1.7(a)	General Emission Data.	61
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U-BLR02	6NYCRR 227-2.4(d)	RACT for Oxides of Nitrogen - small boilers.	111

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

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6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR 201-6.5(a)(4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.

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The request may include copies of records required to be kept by the permit.

6NYCRR 201-6.5(a)(7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6NYCRR 201-6.5(a)(8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6NYCRR Part 201-6.5(c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)(ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-6.5(d)(5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

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6NYCRR 201-6.5(f)(6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6NYCRR Part 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of

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appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, CARGILL SALT CO- WATKINS GLEN PLANT has been determined to be subject to the following regulations:

40CFR 60-A.11

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40CFR 60-A.12

This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40CFR 60-A.13

This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

40CFR 60-A.14

This regulation defines the term modification and what is and is not considered to be a modification, for the purpose of rule applicability.

40CFR 60-A.15

This regulation defines the term reconstruction and what is and is not considered to be a reconstruction project, for the purpose of rule applicability.

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40CFR 60-A.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

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40CFR 60-A.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40CFR 60-A.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40CFR 60-A.7 (d)

This condition specifies the required information and format for a summary report form and details when either a summary form and/or excess emissions reports are required.

40CFR 60-A.7 (e)

This condition specifies how sources that remain in continuous compliance, and are subject to monthly or quarterly reporting, can reduce reporting frequency to semiannually.

40CFR 60-A.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40CFR 60-A.7 (g)

This condition allows source owners to use reporting required for state or local agencies to satisfy the paragraph (a) reporting requirements of this section of this rule.

40CFR 60-A.8 (a)

This regulation contains the requirements for the completion date and reporting of Performance Testing (stack testing), at the facility. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, the owner or operator of the facility must conduct performance test(s) and furnish a written report of the test results.

40CFR 60-A.8 (b)

This regulation contains the requirements for Performance test methods and procedures, to be used by the owner or operator, of the affected facility.

40CFR 60-A.8 (c)

This condition contains the requirements for operating conditions, of the emission source, during performance testing.

40CFR 60-A.8 (d)

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This regulation contains the requirements for advance notification of Performance (stack) testing.

40CFR 60-A.8 (e)

This regulation requires the facility to provide appropriate sampling ports, safe platforms and utilities as necessary for Performance (stack) testing.

40CFR 60-A.8 (f)

This regulation requires that Performance (stack) tests consist of three runs unless otherwise specified. The rule also designates the allowable averaging methods for the analysis of the results.

40CFR 60-A.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

40CFR 60-Dc.40c

This regulation requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

40CFR 60-Dc.42c (d)

This regulation requires that on or after the date on which the initial performance test is completed or required to be completed under section 60.8 of 40 CFR 60 Subpart A, no owner or operator of an affected facility that combusts oil, shall combust oil with a sulfur content in excess of 0.5 percent by weight.

40CFR 60-Dc.42c (g)

This regulation requires that compliance with emission limits, percent reduction, and fuel oil sulfur limitations be based on a 30 day rolling average

40CFR 60-Dc.42c (i)

This regulation requires that the sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations apply at all times, including periods of startup, shutdown, and malfunction.

40CFR 60-Dc.43c (c)

This regulation requires that on or after the date on which the initial performance test is completed or is required to be completed, an affected facility that combusts coal, wood, or oil and has a heat input of 30 million Btu per hour (8.7 MW) or greater, shall not cause any gases to be discharged to the atmosphere, that exhibit an opacity greater than 20% (based on a 6-minute average) or exceeds 27% for one 6-minute period per hour.

40CFR 60-Dc.44c (g)

This regulation requires that oil fired facilities, demonstrating compliance with the sulfur dioxide standard through sampling and analysis, must test every shipment of oil after the initial approval of the sampling plan.

40CFR 60-Dc.44c (h)

This regulation requires facilities demonstrating compliance through venter certification to follow the

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compliance procedures listed in the appropriate paragraphs of 40 CFR 60-Dc.48c.

40CFR 60-Dc.45c

This regulation requires the facility to conduct compliance testing for particulate matter by the methods listed in this section 40 CFR 60-Dc.45c.

40CFR 60-Dc.46c (e)

This regulation allows facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) who show compliance through vendor certification, to be exempt from the monitoring requirements of section 40 CFR 60-Dc.46c

40CFR 60-Dc.48c (d)

This regulation requires the owner or operator of the facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c, to submit semi-annual reports to the EPA

40CFR 60-Dc.48c (e) (11)

If fuel supplier certifications are used to demonstrate compliance with the distillate oil specifications under 40 CFR 60-Dc.41c, then reports shall include a certified statement signed by the owner or operator that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

40CFR 60-Dc.48c (f) (1)

Fuel supplier certifications for distillate oil shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specification under the definition of distillate oil in 40 CFR 60-Dc.41c

40CFR 60-Dc.48c (g)

The owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each day.

40CFR 60-Dc.48c (i)

This regulation requires the source owner or operator to retain all records for a minimum of two years for compliance with the NSPS. This does not supercede any requirement that is more stringent, including the Title V requirement to maintain records for for a minimum of 5 years.

40CFR 60-000.672

This rule sets standards for particulate emissions from nonmetallic mineral processing plants. The limits are set in terms of mass concentration and opacity.

40CFR 60-000.676 (a)

This rule requires the facility owner to give notification to the Administrator whenever specified process equipment is replaced.

6NYCRR 212 .3 (a)

This rule requires compliance with the degree of control specified in Tables 2, 3 and 4 for existing (on or before July 1, 1973) process emission sources.

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6NYCRR 212 .3 (b)

This rule requires existing sources (in operation on or before July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.15 grains per dry standard cubic foot.

6NYCRR 212 .4 (a)

This rule requires compliance with the degree of control specified in Tables 2, 3 and 4 for new (after July 1, 1973) process emission sources.

6NYCRR 212 .4 (c)

This rule requires existing sources (in operation after July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

6NYCRR 212 .6 (a)

This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

6NYCRR 212 .9 (d)

This regulation sets permissible limits on particulate emissions from a process based on process weight throughput.

6NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 225-1.8 (a)

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years

6NYCRR 225-1.8 (d)

This requires that sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the commissioner.

6NYCRR 227-1.2 (b)

This regulation requires the total heating capacity connected to a stack to be used to determine the permissible particulate emission rate.

6NYCRR 227-1.2 (c)

Sources which are applicable to the Federal 40 CFR 60 NSPS standards for particulates may not petition for an



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alternative particulate limit.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-1.6 (a)

This regulation requires that any facility found in violation of the provisions of Part 227 must not operate the affected stationary combustion installation that is in violation unless it is equipped with approved emission control equipment, it is rehabilitated or upgraded in an approved manner; or the fuel is changed to an acceptable type

6NYCRR 227-1.7 (a)

This regulation requires any stationary combustion installation described in section 6 NYCRR 227-1.2 of this Part, to provide pertinent emissions data upon request by the Department..

6NYCRR 227-2.4 (c) (1) (iii) ('b')

This regulation allows for alternative NOx RACT limits if justified by the applicant and accepted by the Department.

6NYCRR 227-2.4 (d)

This rule specifies that the reasonably available control technology (RACT) requirement for small boilers (< or = 50 million BTUs/hr) at Title V facilities consists of an annual tune-up.

Compliance Certification

Summary of monitoring activities at CARGILL SALT CO- WATKINS GLEN PLANT:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	record keeping/maintenance procedures	34
U-BLR02/-/F02	work practice involving specific operations	116
U-BLR02/-/F02	monitoring of process or control device parameters as surrogate	119
U-BLR02	record keeping/maintenance procedures	114
U-BLR02/-/F02	record keeping/maintenance procedures	123
U-BLR02/-/F02	record keeping/maintenance procedures	124
U-BLR02	record keeping/maintenance procedures	115
U-BLR02/-/F02	record keeping/maintenance procedures	125
U-00009/-/09N	intermittent emission testing	76
U-00009/-/09N	monitoring of process or control device parameters as surrogate	77
U-00013/-/N13	monitoring of process or control device parameters as surrogate	87
U-00013/-/N13	intermittent emission testing	88
U-00014/00014/N14	intermittent emission testing	95
U-00014/00014/N14	monitoring of process or control device parameters as surrogate	96
U-00015/00015/N15	intermittent emission testing	102



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U-00015/00015/N15	monitoring of process or control device parameters as surrogate	103
U-00016/00016/N16	intermittent emission testing	109
U-00016/00016/N16	monitoring of process or control device parameters as surrogate	110
FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
FACILITY	record keeping/maintenance procedures	7
U-00007/00007	monitoring of process or control device parameters as surrogate	67
U-00007	monitoring of process or control device parameters as surrogate	62
U-00007	monitoring of process or control device parameters as surrogate	63
U-00007/00007	intermittent emission testing	68
U-00008	intermittent emission testing	69
U-00008	monitoring of process or control device parameters as surrogate	70
U-00008	monitoring of process or control device parameters as surrogate	71
U-00009	intermittent emission testing	75
U-00009/00009	monitoring of process or control device parameters as surrogate	79
U-00009/00009/009	intermittent emission testing	80
U-00010	intermittent emission testing	82
U-00013	intermittent emission testing	83
U-00013/-/013	monitoring of process or control device parameters as surrogate	84
U-00013/-/013	intermittent emission testing	85
U-00014	intermittent emission testing	90
U-00014/00014/014	intermittent emission testing	92
U-00014/00014/014	monitoring of process or control device parameters as surrogate	93
U-00015	intermittent emission testing	97
U-00015/00015	monitoring of process or control device parameters as surrogate	99
U-00015/00015/015	intermittent emission testing	100
U-00016	intermittent emission testing	104
U-00016/00016	monitoring of process or control device parameters as surrogate	106
U-00016/00016/016	intermittent emission testing	107
U-00007	monitoring of process or control device parameters as surrogate	64
U-00008	monitoring of process or control device parameters as surrogate	72
U-00009/00009/009	monitoring of process or control device parameters as surrogate	81
U-00013/-/013	monitoring of process or control device parameters as surrogate	86
U-00014/00014/014	monitoring of process or control device parameters as surrogate	94
U-00015/00015/015	monitoring of process or control device parameters as surrogate	101
U-00016/00016/016	monitoring of process or control device parameters as surrogate	108
U-00007	record keeping/maintenance procedures	65
U-00008	record keeping/maintenance procedures	73
FACILITY	work practice involving specific operations	24
FACILITY	work practice involving specific operations	25
FACILITY	work practice involving specific operations	26



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FACILITY	work practice involving specific operations	27
FACILITY	record keeping/maintenance procedures	28
U-00001	monitoring of process or control device parameters as surrogate	55
U-00001	intermittent emission testing	56
U-00001/00001	monitoring of process or control device parameters as surrogate	60
U-BLR02/00017	monitoring of process or control device parameters as surrogate	126
U-00001	intermittent emission testing	57
U-00001	monitoring of process or control device parameters as surrogate	58
U-BLR02	record keeping/maintenance procedures	111

Basis for Monitoring

Condition 5 requires reporting of compliance monitoring every six based on the requirements of 6 NYCRR Part 201-6.5(c)(3)(ii) and 40 CFR 70.6(a)(3)(iii).

Condition 6 requires annual reporting of compliance status of each individual permit condition based on the requirements of 6 NYCRR Part 201-6.5(e) and 40 CFR 70.6(c)(5).

Condition 7 requires the submission of a statement of actual emissions based on the requirements of 6 NYCRR Part 202-2.1 and 40 CFR 70.9(a) and (b)(2).

Condition 24 specifies limits for sulfur content of distillate fuel oil as required in 6 NYCRR Part 225-1.2(a)(2).

Conditions 25, 26 and 27 specify limits for sulfur content in coal on a daily, three month and annual average as required in 6 NYCRR Part 225-1.2(a)(2).

Condition 28 requires keeping of specific fuel oil parameter records and submission to the Department on request based on 6 NYCRR Part 225-1.8(a).

Condition 34 requires submission of excess emissions reports semiannually based on the 40 CFR 60.7(c).

Condition 55 specifies monitoring pressure drop across the bag house that controls particulate emissions from coal-fired boilers as required by 6 NYCRR Part 227-1.2(c)

Condition 56 requires a periodic stack test to certify compliance with the particulate emission limit in 6 NYCRR Part 227-1.2(c).

Condition 57 requires a stack test to certify that continuous monitoring of oxygen is adequate to demonstrate compliance with NOx RACT emission limits specified in 6 NYCRR Part 227-2.4 (c)(1)(iii)(‘b’).

Condition 58 requires continuous monitoring of oxygen to demonstrate compliance with NOx RACT emission limits specified in 6 NYCRR Part 227-2.4 (c)(1)(iii)(‘b’).

Conditions 60 and 127 limit boiler opacity emissions as specified in 6 NYCRR Part 227-1.3(a).

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Conditions 62 and 63 specify monitoring of wet scrubber operating parameters to demonstrate compliance with particulate emission limit in 6 NYCRR Part 212.3(b).

Conditions 64, 72, 80, 85, 93, 101 and 108 limit opacity emissions based on 6 NYCRR Part 212.6(a).

Conditions 65 and 73 specify particulate emission limits based on weight of material processed as required by 6 NYCRR Part 212.9(d).

Condition 66 specifies monitoring of wet scrubber operating parameter to demonstrate compliance with emission limits in 6 NYCRR Part 212.3(a).

Condition 68 requires stack testing at the discretion of the Department to demonstrate compliance with the particulate emission limit in 6 NYCRR Part 212.3(b).

Condition 69 sets particulate emission limits and requires stack testing at the discretion of the Department to demonstrate compliance with emission limit specified in 6 NYCRR Part 212.4(a).

Conditions 70 and 71 specify monitoring of wet scrubber operating parameters to demonstrate compliance with limits in 6 NYCRR Part 212.4(a).

Conditions 75, 82, 84, 91, 98 and 105 require monitoring of opacity emissions as a surrogate for monitoring compliance with the particulate emission limit specified in 6 NYCRR Part 212.4(c).

Conditions 76, 89, 96, 104 and 110 set particulate emission limits and require testing at the discretion of the Department to demonstrate compliance with 40 CFR 60.672(a)(1).

Conditions 77, 88, 97, 103 and 111 set opacity emission limits and require certification of compliance at the discretion of the Department as required by 40 CFR 60.672(a)(2).

Conditions 78, 86, 94 and 99 specify monitoring pressure drop across bag houses that control process particulate emissions as required by 6 NYCRR Part 212.4(c).

Conditions 81, 87, 95, 102 and 109 set particulate emission limits and require testing at the discretion of the Department to demonstrate compliance with 6 NYCRR Part 212.4(c).

Condition 106 specifies monitoring of wet scrubber liquid flow rate to control process particulate emissions as required by 6 NYCRR Part 212.4(c).

Condition 112 requires an annual tune up for small boilers and record keeping to satisfy NOx RACT requirements as specified in 6 NYCRR Part 227-2.4(d).

Condition 115 requires semiannual reporting of data to monitor compliance with SO2 emission limits as specified in 40 CFR 60.48c(d).

Condition 116 requires daily record keeping of fuel used in boilers as specified in 40 CFR 60.48c(g).

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Condition 117 sets limits of sulfur content in fuel oil as specified in 40 CFR 60.42c(d).

Condition 120 sets limits for opacity emissions as specified in 40 CFR 60.43c(c).

Condition 124 requires record keeping to monitor sulfur content in fuel oil as specified in 40 CFR 60.48c(e)(11).

Condition 125 requires fuel supplier certification of sulfur content in fuel oil as specified in 40 CFR 60.48c(f)(1).