



OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY OREGON TITLE V OPERATING PERMIT

Northwest Region
700 NE Multnomah St., Suite 600
Portland, Oregon 97232
503-229-5263

~~Issued in accordance with provisions of ORS 468A.040
and based on land use compatibility findings included in the permit record.~~

ISSUED TO:

Cascades Tissue Group - Oregon
1300 Kaster Road
St. Helens, OR 97051

INFORMATION RELIED UPON:

Application Number: 027417
Received: 07/26/2013

PLANT SITE LOCATION:

1300 Kaster Road
St. Helens, OR 97051

LAND USE COMPATIBILITY STATEMENT:

Issued by: City of St. Helens
Dated: 08/02/1990

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY


Kieran O'Donnell, Acting Northwest Region AQ Manager


Date

Nature of Business

Paper Mill

SIC

2621

NAICS

322121

RESPONSIBLE OFFICIAL

Title: Mill Manager

FACILITY CONTACT PERSON

Name: Jeff South
Title: Stock Prep and Environmental Supervisor
Phone: (503) 397-2900 x9425

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LIST OF ABBREVIATIONS THAT MAY BE USED IN THIS PERMIT

ACDP	Air Contaminant Discharge Permit	ID	Identification number or label
ADT	Air dried tons	I&M	Inspection and maintenance
ADTP	Air dried tons of pulp	MACT	Maximum Achievable Control Technology
ASTM	American Society of Testing and Materials	MM	Million
BACT	Best Available Control Technology	MMBtu	Million British thermal units
BDU	Bone dry tons	Mmsecf	Million standard cubic feet
Btu	British thermal unit	NA	Not applicable
CAM	Compliance Assurance Monitoring	NESHAP	National Emission Standard for Hazardous Air Pollutants
CE	Combustion efficiency	NO _x	Nitrogen oxides
CEMS	Continuous Emissions Monitoring System	O ₂	Oxygen
CFR	Code of Federal Regulations	OAR	Oregon Administrative Rules
CO	Carbon Monoxide	ORS	Oregon Revised Statutes
CO _{2e}	carbon dioxide equivalent	O&M	Operation and maintenance
COMS	Continuous opacity monitoring system	Pb	Lead
CPMS	Continuous parameter monitoring system	PCD	Pollution Control Device
DEQ	Department of Environmental Quality	PM	Particulate matter
dscf	Dry standard cubic feet	PM ₁₀	Particulate matter less than 10 microns in size
dscfm	Dry standard cubic feet per minute	PM _{2.5}	Particulate matter less than 2.5 microns in size
EF	Emission factor	ppm	Parts per million
EPA	US Environmental Protection Agency	PSEL	Plant Site Emission Limit
EU	Emissions Unit	psia	pounds per square inch, actual
FCAA	Federal Clean Air Act	QA	Quality assurance
FSA	Fuel sampling and analysis	QAP	Quality Assurance Plan
GHG	greenhouse gas	QC	quality control
g/dsem	Gram per dry standard cubic meter	SO ₂	Sulfur dioxide
gr/dscf	Grain per dry standard cubic feet	ST	Source test
HAP	Hazardous Air Pollutant as defined by OAR 340-244-0040	VE	Visible emissions
HCFC	Halogenated Chloro-Fluoro-Carbons	VOC	Volatile organic compounds
		VOHAP	volatile organic Hazardous Air Pollutants

PERMITTED ACTIVITIES

1. ~~Until such time as this permit expires or is modified or revoked, the permittee is allowed to discharge air contaminants from those processes and activities directly related to or associated with air contaminant source(s) in accordance with the requirements, limitations, and conditions of this permit. [OAR 340-218-0010 and 340-218-0120(2)]~~
2. ~~All conditions in this permit are federally enforceable, meaning that they are enforceable by DEQ, EPA, and citizens under the Clean Air Act, except Conditions 6, 7, 8, G5, and G9 (OAR 340-248-0005 through 340-248-0180) are only enforceable by the state. [OAR 340-218-0060]~~

EMISSIONS UNIT (EU) AND POLLUTION CONTROL DEVICE (PCD) IDENTIFICATION

3. ~~The emissions units regulated by this permit are the following [OAR 340-218-0040(3)]:~~

Emission Unit Description	EU ID	Pollution Control Device Description	PCD ID
Power Boilers 6 and 9	EU15	None	NA
Paper Machine 2, excluding dryers	EU29a-2	None	NA
Paper Machine 2 dryers (heating units)	EU29a-2e	None	NA
Paper Machine 3, excluding dryers	EU29a-3	None	NA
Paper Machine 3 dryers (heating units)	EU29a-3e	None	NA
Wastewater Treatment System	EU31	None	NA
Facility-wide VOC emissions	EU38	None	NA
Back-up Diesel Generators	EU40, 41	None	NA

EMISSION LIMITS AND STANDARDS, TESTING, MONITORING, AND RECORDKEEPING REQUIREMENTS

~~The following tables and conditions contain the applicable requirements along with testing, monitoring, and recordkeeping requirements for the emissions units to which those requirements apply.~~

Facility-wide Requirements

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Monitoring Requirement	Monitoring Condition
340-208-0210(2)	4	Fugitive emissions	Minimize	Fugitive Dust Control Plan	5
				Complaint investigation	0
340-208-0300	6	Air contaminants	Not cause a nuisance	Complaint investigation	0
340-208-0450	7	PM _{>250µ}	No observable deposition off-site	Complaint investigation	0
40 CFR Part 68	9	Risk management	Risk management plan	NA	NA

4. Applicable Requirement: The permittee must not allow or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from becoming airborne.
- 4.a. Such reasonable precautions must include, but not be limited to the following: [OAR 340-208-0210(1)]
- 4.a.i. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
 - 4.a.ii. Application of water, or other suitable chemicals on unpaved roads, materials stockpiles, and other surfaces which can create airborne dusts;
 - 4.a.iii. Full or partial enclosure of materials stockpiles in cases where application of water or chemicals are not sufficient to prevent particulate matter from becoming airborne;
 - 4.a.iv. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials;
 - 4.a.v. Adequate containment during sandblasting or other similar operations;
 - 4.a.vi. Covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne; and
 - 4.a.vii. Prompt removal from paved streets of earth or other material that does or may become airborne.
- 4.b. Upon request by DEQ, the permittee must develop a fugitive emission control plan for approval by DEQ if the above precautions are not adequate, and implement the plan whenever fugitive emissions leave the property for more than 18 seconds in a six minute period.
5. Monitoring Requirement: At least twice per year for a minimum period of 30 minutes, the permittee must visually survey the plant for any sources of excess fugitive emissions. For the purpose of this survey, excess fugitive emissions are considered to be any visible emissions that leave the plant site boundaries for more than 18 seconds in a six minute period. The person conducting the observation must follow the procedures of EPA Method 22. If sources of visible emissions are identified, the permittee must:
- 5.a. Immediately take corrective action to minimize the fugitive emissions, including but not limited to those actions identified in Condition 4; or
 - 5.b. Develop a DEQ approved fugitive emission control plan upon request by DEQ and implement the plan whenever fugitive emissions leave the property for more than 18 seconds in a six minute period. [OAR 340-218-0050(3)(a)]
 - 5.c. Recordkeeping: The permittee must maintain records of the fugitive emissions surveys, corrective actions (if necessary), and/or the results of any EPA Method 22 tests.

Nuisance Conditions

6. Applicable Requirement: The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by DEQ personnel. [OAR 340-208-0300] This condition is enforceable only by the State.
7. Applicable Requirement: The permittee must not cause or permit the deposition of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. [OAR 340-208-0450] This condition is enforceable only by the State.

8. Monitoring Requirement: The permittee must maintain a log of each nuisance complaint received by the permittee during the operation of the facility. Documentation must include date of contact, time of observed nuisance condition, description of nuisance condition, location of receptor, status of plant operation during the observed period, and time of response to complainant. A plant representative must immediately investigate the condition following the receipt of the nuisance complaint and a plant representative must provide a response to the complainant within 24 hours, if possible. This condition is only enforceable by the state. [OAR 340-218-0050(3)(a)]

Accidental Release Prevention

9. Applicable Requirement: Should this stationary source become subject to the accidental release prevention regulations in 40 CFR Part 68, then the permittee must submit a risk management plan (RMP) by the date specified in 40 CFR 68.10 and comply with the plan and all other applicable Part 68 requirements. [40 CFR Part 68]

Emissions Unit EU15 (Power Boilers 6 and 9) Requirements

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Monitoring Requirement	Monitoring Condition
340-208-0110(4)	10	Visible emissions	20% opacity, 6-minute block average	VE periodic monitoring	11
OAR 340-228-0210(2)(b)(B)	0	PM	0.14 gr/dscf, avg. of 3 test runs	VE periodic monitoring	11
Boiler MACT 40 CFR 63.11195	13	NA	Use only natural gas	Recordkeeping	11.a

10. The permittee must comply with the following visible emission limits for power boilers 6 and 9 (EU15) installed, constructed, or modified on or after June 1, 1970: [OAR 340-208-0110(4)]
- 10.a. Any visible emissions may not equal or exceed an average of 20 percent opacity; and
- 10.b. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals, or more frequently as allowed under Condition 10.b.ii, which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 10.b.i. EPA Method 9; or
- 10.b.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or
- 10.b.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.
11. At any time that the permittee is burning natural gas in emission units EU15, the permittee is not required to conduct any visible emissions or particulate matter monitoring because it is extremely unlikely that these standards could be violated while burning natural gas. The permittee must maintain records of the type of fuels being burned on an hourly basis. If visible emissions are to be measured for any reason, the visible emissions must be measured in accordance with DEQ's Source Sampling Manual. [OAR 340-218-0050(3)]
- 11.a. The permittee must maintain records of fuel usage in each boiler in EU15.

12. The permittee may not emit particulate matter emissions from Power Boilers (EU15) (installed, constructed, or modified on or after June 1, 1970 but prior to April 16, 2015) in excess of 0.14 grains per dry standard cubic foot, since there are no representative compliance source test results. [OAR 340-228-0210(2)(b)(B)]
13. The permittee must operate power boilers (EU15) on natural gas at all times, except that power boilers may be operated on liquid fuel only as follows: [Not subject to area source Boiler MACT Subpart JJJJJ, per 40 CFR 63.11195e]
- 13.a. Liquid fuel may be used only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel.
- 13.b. Periodic testing with liquid fuel may not exceed a combined total of 48 hours during any calendar year.
- 13.e. Monitor in accordance with 11.a
14. Testing Requirement(s): The permittee must conduct emission factor verification tests of EU15 (Power Boilers 6 and 9) in accordance with the following: [OAR 340-218-0050(3)]
- 14.a. Compliance source testing
- 14.a.i. Carbon Monoxide and Nitrogen oxides must be tested at monitoring point PRPO-S-P-103 (combined power boiler stack) for bother Boiler 6 and Boiler 9 in separate runs, using EPA Methods 1 through 4, and EPA Method 7E for Nitrogen oxides and EPA Method 10 for carbon monoxide.
- 14.a.ii. Testing must be conducted not more than 18 months after the issuance date of this permit and is required once during this permit term.
- 14.a.iii. During each source test, the permittee must record fuel type and usage and steam production.
- 14.a.iv. Testing must be conducted in accordance with the procedures in Condition 27.

Emissions Unit EU29a Paper Machine Requirements

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Monitoring Requirement	Monitoring Condition
340-208-0110(3)	15.a	Visible emissions	20% opacity, 6-minute block average	VE periodic monitoring	17 or 18
340-208-110(4)	15.b	Visible emissions	20% opacity, 6-minute block average	VE periodic monitoring	17 or 18
340-228-0210(2)(a)	16.a	PM	0.24 gr/dscf until 12/31/19 then 0.15 gr/dscf	VE periodic monitoring	18
OAR 340-228-0210(2)(b)	16.b	PM	0.14 gr/dscf, avg. of 3 test runs	VE periodic monitoring	18
340-226-0210(2)(a)	19	PM	0.24 gr/dscf until 12/31/19 then 0.15 gr/dscf	VE periodic monitoring	21 & 28

Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard	Monitoring Requirement	Monitoring Condition
340-226-0310	20	PM	See Table 1, avg. of 3 test runs	ST periodic monitoring	21 & 28

15. The permittee must comply with the following visible emission limits for paper machine dryers: [OAR 340-208-0110(3) & (4)]
- 15.a. Any visible emissions from EU29a-3e that were installed, constructed or modified prior to June 1, 1970 may not equal or exceed an average of 20 percent opacity.
 - 15.b. Any visible emissions from EU29a-2e heaters that were installed in 2014 may not equal or exceed an average of 20% opacity.
 - 15.c. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals, or more frequently as allowed under Condition 15.e.ii, which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
 - 15.c.i. EPA Method 9; or
 - 15.c.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or
 - 15.c.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.
16. The permittee may not emit particulate matter emissions from paper machine dryers in excess of the following limits: [OAR 340-228-0210(2)(a)]
- 16.a. For EU29a-3e which was installed, constructed, or modified before June 1, 1970 and there are no representative compliance source test results, then:
 - 16.a.i. 0.24 grains per dry standard cubic foot until Dec. 31, 2019; and
 - 16.a.ii. 0.15 grains per dry standard cubic foot on and after Jan. 1, 2020.
 - 16.b. For EU29a-2e which was installed, constructed, or modified in 2014 and there are no representative compliance source test results, 0.14 grains per dry standard cubic foot.
 - 16.c. Compliance with the emissions standards in this condition is determined using Oregon Method 5, or an alternative method approved by DEQ.
 - 16.c.i. For fuel burning equipment that burns fuels other than wood, the emission results are corrected to 50% excess air.
 - 16.c.ii. For purposes of this condition, representative compliance source test results are data that was obtained:
 - 16.c.ii.A. No more than ten years before April 16, 2015; and
 - 16.c.ii.B. When a source is operating and maintaining air pollution control devices and emission reduction processes at the highest reasonable efficiency and effectiveness to minimize emissions based on the current configuration of the fuel burning equipment and pollution control equipment.
17. At any time that the permittee is burning natural gas in emission units EU29a-2e or EU29a-3e, the permittee is not required to conduct any visible emissions or particulate matter monitoring because it is extremely unlikely that these standards could be violated while burning natural gas. The permittee must maintain records of the type of fuels being burned on a monthly basis. If visible emissions are to be measured for any reason, the visible emissions must be measured in accordance with DEQ's Source Sampling Manual. [OAR 340-218-0050(3)]

18. Monitoring and Recordkeeping Requirement(s): In lieu of visible emissions monitoring, the permittee must monitor the type and amount of fuel used in EU29a-2e and EU29a-3e. [OAR 340-218-0050(3)]
- 18.a. Recordkeeping
- 18.a.i. Type and amount of fuels used monthly.
- 18.a.ii. Production levels (monthly)
19. ~~The permittee may not emit particulate matter emissions from paper machines (EU29, EU29a-2, EU29a-3) (installed before June 1, 1970) in excess of the following limits: [OAR 340-226-0210(2)(a)]~~
- 19.a. ~~Since are no representative compliance source test results, then:~~
- 19.a.i. ~~0.24 grains per dry standard cubic foot until Dec. 31, 2019; and~~
- 19.a.ii. ~~0.15 grains per dry standard cubic foot on and after Jan. 1, 2020.~~
- 19.b. ~~Compliance with the emissions standards in this condition is determined using~~
- 19.b.i. ~~Oregon Method 5;~~
- 19.b.ii. ~~DEQ Method 8, as approved by DEQ for sources with exhaust gases at or near ambient conditions;~~
- 19.b.iii. ~~DEQ Method 7 for direct heat transfer sources; or~~
- 19.b.iv. ~~An alternative method approved by DEQ.~~
- 19.b.v. ~~For purposes of this condition, representative compliance source test results are data that was obtained:~~
- 19.b.v.A. ~~No more than ten years before April 16, 2015; and~~
- 19.b.v.B. ~~When a source is operating and maintaining air pollution control devices and emission reduction processes at the highest reasonable efficiency and effectiveness to minimize emissions based on the current configuration of the fuel burning equipment and pollution control equipment.~~
20. ~~The permittee must not cause or allow the emission of non-fugitive particulate matter emissions from paper machines to exceed the amount shown in Table 1 of OAR 340-226-8010 for the process weight allocated to such a process. [OAR 340-226-0310]~~
21. Monitoring and Recordkeeping Requirement: At a minimum of once each semi-annual period (January—June and July—December), the permittee must conduct a six (6) minute visible emissions survey using the procedures outlined in EPA Method 22 for paper machine exhausts (EU29a-2 and EU29a-3), as outlined in Condition 28. [OAR 340-218-0050(3)]
- 21.a. Recordkeeping: The permittee must maintain records of the emissions surveys, corrective actions (if necessary), and/or the results of any EPA Method 22 tests.

Insignificant Activities Requirements

22. DEQ acknowledges that insignificant emissions units (IEUs) identified by rule as either categorically insignificant activities or aggregate insignificant emissions as defined in OAR 340-200-0020 exist at facilities required to obtain an Oregon Title V Operating Permit. IEUs must comply with all applicable requirements. In general, the requirements that could apply to IEUs are incorporated as follows:
- 22.a. OAR 340-208-0110 (20% opacity)
- 22.b. OAR 340-228-0210 (0.14 gr/dscf corrected to 12% CO₂ or 50% excess air for fuel burning equipment installed constructed or modified on or after June 1, 1970 but prior to April 15, 2015)
- 22.c. OAR 340-228-0210 (0.10 gr/dscf corrected to 12% CO₂ or 50% excess air for fuel burning equipment installed constructed or modified after April 15, 2015)
- 22.d. OAR 340-226-0210 (0.14 gr/dscf for non-fugitive, non-fuel burning equipment installed constructed or modified on or after June 1, 1970 but prior to April 15, 2015)

- 22.e. OAR 340 226 0210 (0.10 gr/dscf for non-fugitive, non-fuel burning equipment installed constructed or modified after April 15, 2015M)
- 22.f. OAR 340 226 0310 (process weight limit for non-fugitive, non-fuel burning process equipment)
- 22.g. Emergency stationary reciprocating internal combustion engines (RICE) are subject to the following requirements: [40 CFR 63.6640(f)]
- 22.g.i. For each emergency stationary RICE, the permittee must:
- 22.g.i.A. Change oil and filter every 500 hours of operation or annually, whichever comes first; [40 CFR 63.6603(a), table 2d(4)(a)]
- 22.g.i.B. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; [40 CFR 63.6603(a), table 2d(4)(b)]
- 22.g.i.C. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; [40 CFR 63.6603(a), table 2d(4)(c)]
- 22.g.i.D. During periods of startup, minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply; and [40 CFR 63.6603(a), table 2d]
- 22.g.ii. The permittee must install a non-resettable hour meter on each emergency stationary RICE, if one is not already installed. [40 CFR 63.6625(f)]
- 22.g.iii. The permittee must operate and maintain the stationary RICE according to the manufacturer's emission related operation and maintenance instructions [40 CFR 63.6640(a), Table 6(9)]
- 22.g.iv. Operating conditions: [40 CFR 63.6640(f)(2)]
- 22.g.iv.A. There is no time limit on the use of emergency stationary RICE in emergency situations.
- 22.g.iv.B. Emergency stationary RICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by the manufacturer, the vendor, or the insurance company associated with the engine. Required testing of such units should be minimized, but there is no time limit on the use of emergency stationary RICE in emergency situations and for routine testing and maintenance.
- 22.g.iv.C. Emergency stationary RICE may be operated for an additional 50 hours per year in non-emergency situations. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another utility.
- 22.g.v. The permittee must keep records of the hours of operation of each emergency stationary RICE that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the permittee must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. [40 CFR 63.6655(f)]

Unless otherwise specified in this permit or an applicable requirement, DEQ is not requiring any testing, monitoring, recordkeeping, or reporting for the applicable emissions limits and standards that apply to IEUs. However, if testing were performed for compliance purposes, the permittee would be required to use the test methods identified in and perform the testing in accordance with DEQ's Source Sampling Manual.

PLANT SITE EMISSION LIMITS

23. The permittee must not cause or allow plant site emissions to exceed the following limits for any 12 consecutive calendar month period: [OAR 340-222-0035 through OAR 340-222-0041]

Pollutant	Plant Site Emission Limit (tons/yr)	Unassigned Emissions (tons/yr)	Emission Reduction Credit (tons/yr)
PM	24	739	0
PM ₁₀	14	739	0
PM _{2.5}	9	744	0
SO ₂	39	3,322	0
NO _x	103	1,386	0
CO	106	2,590	0
VOC	140	767	0
GHG (CO ₂ e)	74,267	926,733	0

- 23.a. The permittee may only use Unassigned Emissions after any necessary construction (OAR 340-218-0190) and permit revision applications (OAR 340-218-0120 through 340-218-0180) have been approved by DEQ. If not used prior to the next permit renewal, the unassigned emissions will be reduced to the SER. [OAR 340-222-0055]
- 23.b. At the next permit renewal unassigned emissions will be reduced such that they do not exceed the significant emission rate consistent with the requirements of OAR 340-222-0055(5).
- 23.c. The PSEL for TRS and Lead have been removed in this permitting action because the emissions of these pollutants are below de minimis levels.

24. Monitoring Requirement: [OAR 340-218-0050(3)]

The permittee must determine compliance with the Plant Site Emission Limits established in Condition 23 of this permit by conducting monitoring and calculations for each 12-month period in accordance with the following procedures, test methods, and frequencies except for GHGs:

- 24.a. The permittee must calculate emissions using the following formula, process parameters, and emission factors for all emissions except VOC and HAP emissions calculated via mass balance:

$$E = P_{eu} \times EF_{eu}$$

where:

- E = Pollutant emissions in lbs/day or lbs/year.
P_{eu} = Process parameter identified in the table below;
EF_{eu} = Emission factor identified for each emissions unit and pollutant in the table below;

Emission Source Description	Process Parameter (units)	Emission Factors (lb/throughput unit)				
		PM ₁₀ /PM _{2.5}	SO ₂	NO _x	CO	VOC
EU15	Natural Gas (mmscf)	2.5	2.6	221.28	246	5.5
EU29a-2 and EU29a-3	Paper machine output (ADTFP)	0.0211	-	-	-	Mass Balance

Emission Source Description	Process Parameter (units)	Emission Factors (lb/throughput unit)				
		PM ₁₀ /PM _{2.5}	SO ₂	NO _x	CO	VOC
EU29a-2c and EU29a-3c	Paper machine fuel use (mmscf)	2.5	2.6	100	84	5.5
aggregate insignificant emissions	Fugitives [Year]	2000	2000	2000	2000	2000

- 24.b. The emissions factors listed in Condition 24.a are not enforceable limits unless otherwise specified in this permit. Compliance with PSEs must only be determined by the calculations contained in this condition.
- 24.c. Emission factor verification testing: EU15 emission factor verification testing must be conducted as listed in condition 14 within 18 months of permit issuance.
25. The permittee must determine compliance with the Plant Site Emission Limits established in Condition 23 of this permit by conducting monitoring in accordance with the following procedures, test methods, and frequencies for all pollutants except for GHGs: [OAR 340-218-0050(3)]
- 25.a. Emissions calculations must be performed each month for the preceding 12 consecutive calendar months.
- 25.a.i. The permittee must maintain monthly records of the process parameters in the emission factor table Process monitoring table in Condition 24.a.
- 25.a.ii. The emissions factors listed in Condition 24.a are not enforceable limits unless otherwise specified in this permit.
- 25.a.iii. The VOC emissions calculated using mass balance in Condition 25.b must be added to the VOC emissions calculated in Condition 24.a for calculating facility-wide VOC emissions.
- 25.a.iv. Compliance with PSEs must be determined using the calculations and the emission factors contained in Condition 24.a using the monitored parameters recorded during the reporting period, unless the permittee elects to pay emission fees based on actual emissions using a verified emission factor determined in accordance with OAR 340-220-0170. If the permittee is paying on actual emissions based on a verified emission factor, the verified emission factor must be used for determining compliance with the PSEL in accordance with Condition 30.
- 25.a.v. The emission calculations must be updated no more than 30 days after the end of each calendar month.
- 25.b. Material balance calculations: The permittee must calculate VOC and volatile organic HAP (VOHAP) emissions from facility-wide chemical usage (EU38) including VOC content of raw materials using the following mass balance calculations.
- 25.b.i. The permittee must maintain monthly records of the amount of each material used in the facility that contains VOC or VOHAP;
- 25.b.ii. The VOC/HOHAP content of the material must be determined by safety data sheets, product data sheets or industry published emission factors. If a range of VOC/VOHAP content is given, the middle of the range must be used to calculate emissions.
- 25.b.iii. Mass balance VOC/VOHAP emissions must be calculated using the following equation or an equivalent method:
- $$E = V_u * M_u$$
- Where E = VOC or VOHAP emissions, lbs/year
V_u = VOC or VOHAP content (wt/wt) of material used
M_u = Material used in process, lbs/year

EMISSION FEES

26. ~~Emission fees will be based on the Plant Site Emissions Limits, unless permittee elects to report actual emissions for one or more permitted processes/pollutants. [OAR 340-220-0090]~~

GENERAL TESTING REQUIREMENTS

27. Unless otherwise specified in this permit, the permittee must conduct all testing in accordance with DEQ's Source Sampling Manual. [OAR 340-212-0120]
- 27.a. Unless otherwise specified by a state or federal regulation, the permittee must submit a source test plan to DEQ at least 30 days prior to the date of the test. The test plan must be prepared in accordance with the Source Sampling Manual and address any planned variations or alternatives to prescribed test methods. Permittee should be aware, if significant variations are requested, it may require more than 30 days for DEQ to grant approval and may require EPA approval in addition to approval by DEQ.
- 27.b. Only regular operating staff may adjust the processes or emission control device parameters during a compliance source test and within two (2) hours prior to the tests. Any operating adjustments made during a compliance source test, which are a result of consultation during the tests with source testing personnel, equipment vendors, or consultants, may render the source test invalid.
- 27.c. Unless otherwise specified by permit condition or DEQ approved source test plan, all compliance source tests must be performed as follows:
- 27.c.i. At least 90% of the design capacity for new or modified equipment;
- 27.c.ii. At least 90% of the maximum operating rate for existing equipment; or
- 27.c.iii. At 90 to 110% of the normal maximum operating rate for existing equipment. For purposes of this permit, the normal maximum operating rate is defined as the 90th percentile of the average hourly operating rates during a 12-month period immediately preceding the source test. Data supporting the normal maximum operating rate must be included with the source test report.
- 27.d. Each source test must consist of at least three (3) test runs and the emissions results must be reported as the arithmetic average of all valid test runs. If for reasons beyond the control of the permittee a test run is invalid, DEQ may accept two (2) test runs for demonstrating compliance with the emission limit or standard.
- 27.e. Source test reports prepared in accordance with DEQ's Source Sampling Manual must be submitted to DEQ within 60 days of completing any required source test, unless a different time period is approved in the source test plan submitted prior to the source test.

VISIBLE EMISSIONS MONITORING PROCEDURE

28. ~~When required, the permittee must monitor visible emissions as required for each affected Emissions Unit in accordance with the following procedures, test methods, and at the frequency specified for each affected Emissions Unit, unless otherwise specified in this permit. [OAR 340-218-0050(3)]~~
- 28.a. ~~The permittee must conduct a six-minute visible emissions survey following the general procedures outlined in EPA Method 22. Condensed water vapor is not considered an emission for the purposes of this survey method. The visible emissions surveys will be performed by employees or contractors of the permittee who have been trained in the general procedures for determining the presence of visible emissions.~~
- 28.b. ~~If visible emissions are identified for more than 5% of the survey time (18 seconds), the permittee must take immediate action to eliminate the visible emissions, and must record the time, date and location of the visible emissions, and the corrective action taken in the observation log. Prior notification and a pre-test plan are not required to be submitted to DEQ for each visible emissions survey.~~

GENERAL MONITORING AND RECORDKEEPING REQUIREMENTS**General Monitoring Requirements:**

29. The permittee must not knowingly render inaccurate any required monitoring device or method. [OAR 340-218-0050(3)(a)(E)]
30. The permittee must use the same methods to determine compliance as those used to determine actual emissions for fee purposes and can be no less rigorous than the requirements of OAR 340-218-0080. [OAR 340-218-0050(3)(a)(F)]
31. The permittee must comply with the monitoring requirements on the date of permit issuance unless otherwise specified in the permit or an applicable requirement. [OAR 340-218-0050(3)(a)(G)]

General Recordkeeping Requirements

32. The permittee must maintain the following general records of testing and monitoring required by this permit: [OAR 340-218-0050(3)(b)(A)]
 - 32.a. The date, place as defined in the permit, and time of sampling or measurements;
 - 32.b. The date(s) analyses were performed;
 - 32.c. The company or entity that performed the analyses;
 - 32.d. The analytical techniques or methods used;
 - 32.e. The results of such analyses;
 - 32.f. The operating conditions as existing at the time of sampling or measurement; and
 - 32.g. The records of quality assurance for continuous monitoring systems (including but not limited to quality control activities, audits, calibration drift checks).
33. Unless otherwise specified by permit condition, the permittee must make every effort to maintain 100 percent of the records required by the permit. If information is not obtained or recorded for legitimate reasons (e.g., the monitor or data acquisition system malfunctions due to a power outage), the missing record(s) will not be considered a permit deviation provided the amount of data lost does not exceed 10% of the averaging periods in a reporting period or 10% of the total operating hours in a reporting period, if no averaging time is specified. Upon discovering a required record is missing, the permittee must document the reason for the missing record. In addition, any missing record that can be recovered from other available information will not be considered a missing record. [OAR 340-214-0110, 340-214-0114, and 340-218-0050(3)(b)]
34. The permittee must comply with the recordkeeping requirements on the date of permit issuance unless otherwise specified in the permit or an applicable requirement. [OAR 340-218-0050(3)(b)(C)]
35. Unless otherwise specified, the permittee must retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings (or other original data) for continuous monitoring instrumentation, and copies of all reports required by the permit. All existing records required by the previous Air Contaminant Discharge Permit or Oregon Title V Operating Permit must also be retained for five (5) years from the date of the monitoring sample, measurement, report, or application. [OAR 340-218-0050(b)(B)]

REPORTING REQUIREMENTS

General Reporting Requirements

36. Excess Emissions Reporting: The permittee must report all excess emissions as follows: [OAR 340-214-0300 through 340-214-0360]
- 36.a. Immediately (by the next business day) notify DEQ of an excess emission event by phone, email, or facsimile; and
 - 36.b. Within 15 days of the excess emissions event, submit a written report that contains the following information: [OAR 340-214-0340(1)]
 - 36.b.i. The date and time of the beginning of the excess emissions event and the duration or best estimate of the time until return to normal operation;
 - 36.b.ii. The date and time the permittee notified DEQ of the event;
 - 36.b.iii. The equipment involved;
 - 36.b.iv. Whether the event occurred during planned startup, planned shutdown, scheduled maintenance, or as a result of a breakdown, malfunction, or emergency;
 - 36.b.v. Steps taken to mitigate emissions and corrective action taken, including whether the approved procedures for a planned startup, shutdown, or maintenance activity were followed;
 - 36.b.vi. The magnitude and duration of each occurrence of excess emissions during the course of an event and the increase over normal rates or concentrations as determined by continuous monitoring or best estimate (supported by operating data and calculations);
 - 36.b.vii. The final resolution of the cause of the excess emissions; and
 - 36.b.viii. Where applicable, evidence supporting any claim that emissions in excess of technology-based limits were due to any emergency pursuant to OAR 340-214-0360.
 - 36.c. In the event of any excess emissions which are of a nature that could endanger public health and occur during non-business hours, weekends, or holidays, the permittee must immediately notify DEQ by calling the Oregon Accident Response System (OARs). The current number is 1-800-452-0311.
 - 36.d. If startups, shutdowns, or scheduled maintenance may result in excess emissions, the permittee must submit startup, shutdown, or scheduled maintenance procedures used to minimize excess emissions to DEQ for prior authorization, as required in OAR 340-214-0310 and 340-214-0320. New or modified procedures must be received by DEQ in writing at least 72 hours prior to the first occurrence of the excess emission event. The permittee must abide by the approved procedures and have a copy available at all times.
 - 36.e. The permittee must notify DEQ of planned startup/shutdown or scheduled maintenance events.
 - 36.f. The permittee must continue to maintain a log of all excess emissions in accordance with OAR 340-214-0340(3). However, the permittee is not required to submit the detailed log with the semi-annual and annual monitoring reports. The permittee is only required to submit a brief summary listing the date, time, and the affected emissions units for each excess emission that occurred during the reporting period. [OAR 340-218-0050(3)(c)]
37. Permit Deviations Reporting: The permittee must promptly report deviations from permit requirements that do not cause excess emissions, including those attributable to upset conditions, as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. "Prompt" means within 15 days of the deviation. Deviations that cause excess emissions, as specified in OAR 340-214-0300 through 340-214-0360 must be reported in accordance with Condition 36.
38. All required reports must be certified by a responsible official consistent with OAR 340-218-0040(5); [OAR 340-218-0050(3)(c)(D)]
39. Reporting requirements must commence on the date of permit issuance unless otherwise specified in the permit. [OAR 340-218-0050(3)(c)(E)]

Addresses of regulatory agencies are the following, unless otherwise instructed:

Submit all Notices and applications that do not include payment to the Northwest Region's Permit Coordinator.

Submit all reports (annual reports, source test plans and reports, etc.) to DEQ's Northwest Region. If you know the name of the Air Quality staff member responsible for your permit, please include it.

DEQ Northwest Region
700 NE Multnomah St., Suite 600
Portland, OR 97232
503-229-5263

Submit payments for invoices, applications to modify the permit, and any other payments to DEQ's Business Office:
DEQ – Air Quality Division
700 NE Multnomah St., Ste 600
Portland, OR 97232
503-229-5359

Submit all reports for EPA requirements to:
Air Operating Permits
US Environmental Protection Agency
Mail Stop OAQ-108
1200 Sixth Avenue
Seattle, WA 98101

Semi-annual and Annual Reports

40. The permittee must submit three (3) copies of reports of any required monitoring at least every 6 months, completed on forms approved by DEQ. Six month periods are January 1 to June 30, and July 1 to December 31. One copy of the report must be submitted to the EPA and two copies to the DEQ regional office. All instances of deviations from permit requirements must be clearly identified in such reports: [OAR 340-218-0050(3)(c)(A) and 340-218-0080(6)(d)]
 - 40.a. The first semi-annual report is due on July 30 and must include the semi-annual compliance certification, OAR 340-218-0080.
 - 40.b. The annual report is due on March 15 and must consist of the following:
 - 40.b.i. The emission fee report; [OAR 340-220-0100]
 - 40.b.ii. The NO_x and VOC emission statement, if applicable; [OAR 340-214-0220];
 - 40.b.iii. A summary of the excess emissions upset log; [OAR 340-214-0340]
 - 40.b.iv. The second semi-annual compliance certification; and [OAR 340-218-0080]
 - 40.b.v. The annual certification that the risk management plan is being properly implemented, if an RMP is required; OAR 340-244-0230. [OAR 340-218-0080(7)]
 - 40.b.vi. The rolling 12-month emissions in tons per year of the following pollutants, for each month of the reporting year:
 - 40.b.vi.A. PM, PM₁₀, PM_{2.5}
 - 40.b.vi.B. CO
 - 40.b.vi.C. NO_x
 - 40.b.vi.D. SO₂
 - 40.b.vi.E. VOC calculated from combustion emissions factors and mass balance
 - 40.b.vi.F. Total combustion HAPs calculated from emission factors
 - 40.b.vi.G. Each HAP tracked by mass balance; and
 - 40.b.vi.H. The total of all combined HAPs (combustion HAPs plus total HAPs tracked by mass balance).
41. The semi-annual compliance certification must include the following (provided that the identification of applicable information may cross-reference the permit or previous reports, as applicable): [OAR 340-218-0080(6)(c)]

- 41.a. The identification of each term or condition of the permit that is the basis of the certification;
 - 41.b. The identification of the method(s) or other means used by the permittee for determining the compliance status with each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means must include, at a minimum, the methods and means required under OAR 340-218-0050(3). *Note: Certification of compliance with the monitoring conditions in the permit is sufficient to meet this requirement, except when the permittee must certify compliance with new applicable requirements that are incorporated by reference into the permit. When certifying compliance with new applicable requirements that are not yet in the permit, the permittee must provide the information required by this condition.* If necessary, the permittee must identify any other material information that must be included in the certification to comply with section 113(c)(2) of the FCAA, which prohibits knowingly making a false certification or omitting material information;
 - 41.c. The status of compliance with terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification must be based on the method or means designated in Condition 41.b. The certification must identify each deviation and take it into account in the compliance certification. The certification must also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance, as defined under OAR 340-200-0020, occurred; and
 - 41.d. Such other facts as DEQ may require to determine the compliance status of the source.
42. Greenhouse Gas Registration and Reporting: If the calendar year emission rate of greenhouse gases (CO₂e) is greater than or equal to 2,756 tons (2,500 metric tons), the permittee must register and report its greenhouse gas emissions with DEQ in accordance with OAR 340-215. The greenhouse gas report must be certified by the responsible official consistent with OAR 340-218-0040(5) and submitted by March 31 of each year.
43. Notwithstanding any other provision contained in any applicable requirement, the permittee may use monitoring as required under OAR 340-218-0050(3) and incorporated into the permit, in addition to any specified compliance methods, for the purpose of submitting compliance certifications. [OAR 340-218-0080(6)(e)]

NON APPLICABLE REQUIREMENTS

44. The following State and Federal air quality requirements are not applicable to this facility for the reasons stated. [OAR 340-218-0110]

Rule citation	Summary	Reason for not being applicable
Division 202	Ambient Air Quality Standards	i
Division 212: 0200 through 0280	Compliance Assurance Monitoring	i
Division 218:		
0050(4)	Title IV CAA	b
0090	General Permits	b
0100	Temporary Sources	b
Division 222		
0042	Short Term PSEL	h
0090	Combining and Splitting Sources	h
Division 226: 0400	Alternative Emissions Controls	h
Division 228:		
0100-0200	Sulfur Content of Fuels	f
0300-635	Acid Rain Program, Hg rules	b
Division 230:	Incinerator Regulations	e
Division 232	VOC Point Sources	b
Division 234:		
0100 through 0270	Pulp Mills	e
0500 through 0540	Board Products	b
Division 236	Specific Industry Emissions	b
Division 238: 0100	NSPS Landfills	e
Division 240	Unique Air Quality Areas	e
Division 242	Portland Area Rules	k
Division 244: 0100	HAP Early Reductions	h
Division 256:		
0130	Motor Vehicle Fleet	b
0200 through 0470	Vehicle Emission Control & Testing	b
Division 258	Gasoline Specifications	b
Division 260:		
0030	Automobile Air Conditioning	b
0040	Ozone Depleting Substances	b
Division 268	Emission Reduction Credits	h
40 CFR:		
Part 55	Outer Continental Shelf Regulations	b
Part 57	Primary Nonferrous Smelters	b
Part 60, except subparts A, III and appendices	NSPS	b
Part 61, except subparts A, and appendices	NESHAPS	b
Part 63, except subparts A, ZZZZ and appendices	NESHAPS	b
Part 72 through 78	Acid Rain Program	b
Part 82, except subpart F	Stratospheric Ozone Protection	b
Part 85 through 89	Mobile Sources	b

Reason code definitions:

- a this pollutant is not emitted by the facility
- b the facility is not in this source category
- e the facility is not in a special control/nonattainment area
- d the facility is not in this county
- e the facility does not have this emissions unit
- f the facility does not use this fuel type
- g the rule does not apply because no changes have been made at the facility that would trigger these procedural requirements
- h this method/procedure is not used by the facility
- i this rule applies only to DEQ and regional authorities
- j there are no emissions units with add-on control devices or the pre-controlled potential emissions are less than 100 tons per year or the emissions units with add-on control devices and pre-controlled emissions greater than 100 tons per year are subject to emissions standards promulgated after November of 1990
- k other

GENERAL CONDITIONS**G1. General Provision**

Terms not otherwise defined in this permit have the meaning assigned to such terms in the referenced regulation.

G2. Reference materials

Where referenced in this permit, the versions of the following materials are effective as of the dates noted unless otherwise specified in this permit:

- a. Source Sampling Manual; April 16, 2015 – State Implementation Plan Volume 3, Appendix A4;
- b. Continuous Monitoring Manual; April 16, 2015 – State Implementation Plan Volume 3, Appendix A6; and
- e. All state and federal regulations as in effect on the date of issuance of this permit.

G3. Applicable Requirements [OAR 340-218-0010(3)(b)]

Oregon Title V Operating Permits do not replace requirements in Air Contaminant Discharge Permits (ACDP) issued to the source even if the ACDP(s) have expired. For a source operating under a Title V permit, requirements established in an earlier ACDP remain in effect notwithstanding expiration of the ACDP or Title V permit, unless a provision expires by its terms or unless a provision is modified or terminated following the procedures used to establish the requirement initially. Source specific requirements, including, but not limited to TACT, RACT, BACT, and LAER requirements, established in an ACDP must be incorporated into the Oregon Title V Operating Permit and any revisions to those requirements must follow the procedures used to establish the requirement initially.

G4. Compliance [OAR 340-218-0040(3)(n)(C), 340-218-0050(6), and 340-218-0080(4)]

- a. The permittee must comply with all conditions of this permit. Any permit condition noncompliance constitutes a violation of the Federal Clean Air Act and/or state rules and is grounds for enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application. Any noncompliance with a permit condition specifically designated as enforceable only by the state constitutes a violation of state rules only and is grounds for enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application.
- b. Any schedule of compliance for applicable requirements with which the source is not in compliance at the time of permit issuance is supplemental to, and does not sanction noncompliance with the applicable requirements on which it is based.
- e. For applicable requirements that will become effective during the permit term, the source must meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement.

G5. Masking Emissions:

The permittee must not install or use any device or other means designed to mask the emission of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement. [OAR 340-208-0400] This condition is enforceable only by the State.

G6. Credible Evidence:

Notwithstanding any other provisions contained in any applicable requirement, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any such applicable requirements. [OAR 340-214-0120]

G7. Certification [OAR 340-214-0110, 340-218-0040(5), 340-218-0050(3)(c)(D), and 340-218-0080(2)]

Any document submitted to DEQ or EPA pursuant to this permit must contain certification by a responsible official of truth, accuracy and completeness. All certifications must state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and, complete. The permittee must promptly, upon discovery, report to DEQ a material error or omission in these records, reports, plans, or other documents.

G8. Open Burning [OAR Chapter 340, Division 264]

The permittee is prohibited from conducting open burning, except as may be allowed by OAR 340-264-0020 through 340-264-0200.

G9. Asbestos [40 CFR Part 61, Subpart M (federally enforceable), OAR Chapter 340-248-0005 through 340-248-0180 (state-only enforceable) and 340-248-0205 through 340-248-0280]

The permittee must comply with OAR Chapter 340, Division 248, and 40 CFR Part 61, Subpart M when conducting any renovation or demolition activities at the facility.

G10. Stratospheric Ozone and Climate Protection [40 CFR 82 Subpart F, OAR 340-260-0040]

The permittee must comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction.

G11. Permit Shield [OAR 340-218-0110]

- a. Compliance with the conditions of the permit is deemed compliance with any applicable requirements as of the date of permit issuance provided that:
 - i. Such applicable requirements are included and are specifically identified in the permit, or
 - ii. DEQ, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
- b. Nothing in this rule or in any federal operating permit alters or affects the following:
 - i. The provisions of ORS 468.115 (enforcement in cases of emergency) and ORS 468.035 (function of department);
 - ii. 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;
 - iii. The applicable requirements of the national acid rain program, consistent with section 408(a) of the FCAA; or
 - iv. The ability of DEQ to obtain information from a source pursuant to ORS 468.095 (investigatory authority, entry on premises, status of records).
- e. Sources are not shielded from applicable requirements that are enacted during the permit term, unless such applicable requirements are incorporated into the permit by administrative amendment, as provided in OAR 340-218-0150(1)(h), significant permit modification, or reopening for cause by DEQ.

G12: Inspection and Entry [OAR 340-218-0080(3)]

Upon presentation of credentials and other documents as may be required by law, the permittee must allow DEQ, or an authorized representative (including an authorized contractor acting as a representative of the EPA Administrator), to perform the following:

- a. Enter upon the permittee's premises where an Oregon Title V Operating Permit program source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under conditions of the permit;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- d. As authorized by the FCAA or state rules, sample or monitor, at reasonable times, substances or parameters, for the purposes of assuring compliance with the permit or applicable requirements.

G13: Fee Payment [OAR 340-220-0010, and 340-220-0030 through 340-220-0190]

The permittee must pay an annual base fee and an annual emission fee for particulates, sulfur dioxide, nitrogen oxides, and volatile organic compounds. The permittee must submit payment to the Department of Environmental Quality, Business Office, 700 NE Multnomah St., Portland, OR 97204, within 30 days of date DEQ mails the fee invoice or August 1 of the year following the calendar year for which emission fees are paid, whichever is later. Disputes must be submitted in writing to DEQ. Payment must be made regardless of the dispute. User-based fees will be charged for specific activities (e.g., computer modeling review, ambient monitoring review, etc.) requested by the permittee.

G14: Off-Permit Changes to the Source [OAR 340-218-0140(2)]

- a. The permittee must monitor for, and record, any off-permit change to the source that:
 - i. Is not addressed or prohibited by the permit;
 - ii. Is not a Title I modification;
 - iii. Is not subject to any requirements under Title IV of the FCAA;
 - iv. Meets all applicable requirements;
 - v. Does not violate any existing permit term or condition; and
 - vi. May result in emissions of regulated air pollutants subject to an applicable requirement but not otherwise regulated under this permit or may result in insignificant changes as defined in OAR 340-200-0020.
- b. A contemporaneous notification, if required under OAR 340-218-0140(2)(b), must be submitted to DEQ and the EPA.
- c. The permittee must keep a record describing off-permit changes made at the facility that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those off-permit changes.
- d. The permit shield of Condition G11 does not extend to off-permit changes.

G15: Section 502(b)(10) Changes to the Source [OAR 340-218-0140(3)]

- a. The permittee must monitor for, and record, any section 502(b)(10) change to the source, which is defined as a change that would contravene an express permit term but would not:
 - i. Violate an applicable requirement;
 - ii. Contravene a federally enforceable permit term or condition that is a monitoring, recordkeeping, reporting, or compliance certification requirement; or

iii. ~~Be a Title I modification.~~

- b. ~~A minimum 7 day advance notification must be submitted to DEQ and the EPA in accordance with OAR 340-218-0140(3)(b).~~
- e. ~~The permit shield of Condition G11 does not extend to section 502(b)(10) changes.~~

G16. Administrative Amendment [OAR 340-218-0150]

~~Administrative amendments to this permit must be requested and granted in accordance with OAR 340-218-0150. The permittee must promptly submit an application for the following types of administrative amendments upon becoming aware of the need for one, but no later than 60 days of such event:~~

- a. ~~Legal change of the registered name of the company with the Corporations Division of the State of Oregon, or~~
- b. ~~Sale or exchange of the activity or facility.~~

G17. Minor Permit Modification [OAR 340-218-0170]

~~The permittee must submit an application for a minor permit modification in accordance with OAR 340-218-0170.~~

G18. Significant Permit Modification [OAR 340-218-0180]

~~The permittee must submit an application for a significant permit modification in accordance with OAR 340-218-0180~~

G19. Staying Permit Conditions [OAR 340-218-0050(6)(e)]

~~Notwithstanding Conditions G16 and G17, the filing of a request by the permittee for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.~~

G20. Construction/Operation Modification [OAR 340-218-0190]

~~The permittee must obtain approval from DEQ prior to construction or modification of any stationary source or air pollution control equipment in accordance with OAR 340-210-0200 through OAR 340-210-0250.~~

G21. New Source Review Modification [OAR 340-224-0010]

~~The permittee may not begin construction of a major source or a major modification of any stationary source without having received an Air Contaminant Discharge Permit (ACDP) from DEQ and having satisfied the requirements of OAR 340, Division 224.~~

G22. Need to Halt or Reduce Activity Not a Defense [OAR 340-218-0050(6)(b)]

~~The need to halt or reduce activity will not be a defense. It will not be a defense for a 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.~~

G23. Duty to Provide Information [OAR 340-218-0050(6)(e) and OAR 340-214-0110]

~~The permittee must furnish to DEQ, within a reasonable time, any information that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.~~

Upon request, the permittee must also furnish to DEQ copies of records required to be retained by the permit or, for information claimed to be confidential, the permittee may furnish such records to DEQ along with a claim of confidentiality.

G24. Reopening for Cause [OAR 340-218-0050(6)(c) and 340-218-0200]

- a. The permit may be modified, revoked, reopened and reissued, or terminated for cause as determined by DEQ.
- b. A permit must be reopened and revised under any of the circumstances listed in OAR 340-218-0200(1)(a).
- c. Proceedings to reopen and reissue a permit must follow the same procedures as apply to initial permit issuance and affect only those parts of the permit for which cause to reopen exists.

G25. Severability Clause [OAR 340-218-0050(5)]

Upon any administrative or judicial challenge, all the emission limits, specific and general conditions, monitoring, recordkeeping, and reporting requirements of this permit, except those being challenged, remain valid and must be complied with.

G26. Permit Renewal and Expiration [OAR 340-218-0040(1)(a)(D) and 340-218-0130]

- a. This permit expires at the end of its term, unless a timely and complete renewal application is submitted as described below. Permit expiration terminates the permittee's right to operate.
- b. Applications for renewal must be submitted at least 12 months before the expiration of this permit, unless DEQ requests an earlier submittal. If more than 12 months is required to process a permit renewal application, DEQ must provide no less than six (6) months for the owner or operator to prepare an application.
- c. Provided the permittee submits a timely and complete renewal application, this permit will remain in effect until final action has been taken on the renewal application to issue or deny the permit.

G27. Permit Transference [OAR 340-218-0150(1)(d)]

The permit is not transferable to any person except as provided in OAR 340-218-0150(1)(d).

G28. Property Rights [OAR 340-200-0020 and 340-218-0050(6)(d)]

The permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations, except as provided in OAR 340-218-0110.

G29. Permit Availability [OAR 340-200-0020 and 340-218-0120(2)]

The permittee must have available at facility at all times a copy of the Oregon Title V Operating Permit and must provide a copy of the permit to DEQ or an authorized representative upon request.

ALL INQUIRIES SHOULD BE DIRECTED TO:
 Oregon Department of Environmental Quality
 Northwest Region
 700 NE Multnomah St., Suite 600
 Portland, OR 97232
 503-229-5263