

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WASTE DISCHARGE PERMIT**
Department of Environmental Quality
Western Region - Salem Office
750 Front St. NE, Suite 120, Salem, OR 97301-1039
Telephone: (503) 378-8240

Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

ISSUED TO:

SOURCES COVERED BY THIS PERMIT:

	<u>Type of Wastewater</u>	<u>Outfall Number</u>	<u>Outfall Location</u>
Conrad Wood Preserving Co. 68765 Wildwood Road North Bend, OR 97459	Process waste water	No Discharge	NA
	Storm water runoff	Storm water outfalls specified in SWPCP	Unnamed tributary to N Slough

FACILITY TYPE AND LOCATION:

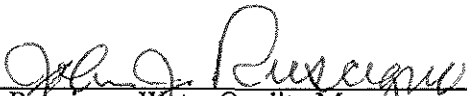
Wood Preserving
Conrad Wood Preserving - Hauser
68765 Wildwood Road
North Bend, Oregon

RECEIVING STREAM INFORMATION:

Basin: South Coast
Sub-Basin: Coos
Receiving Stream: Unnamed Tributary of North Slough
LLID: 1242253434772 - 1.0 - I
County: Coos

EPA REFERENCE NO: OR 003857-1

Issued in response to Application No. 982462 received complete January 4, 2005 and based on the land use findings in the permit record.



John J. Ruscigno, Water Quality Manager
Western Region North

November 16, 2006

Date

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to construct, install, modify, or operate storm water treatment and/or control facilities, and to discharge storm water to public waters in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:

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Unless specifically authorized by this permit, by another NPDES or WPCF permit, or by Oregon Administrative Rule, all other direct and indirect discharge of waste is prohibited, including discharge to waters of the state or an underground injection control system.

SCHEDULE A

Limitations, Benchmarks and Requirements

1. Process Wastewater

- a. No discharge of process wastewaters to state waters is permitted. All process wastewater shall be recirculated and reused in a manner approved in writing by the Department.
- b. The drip pad shall be managed in accordance with the requirements of 40 CFR 265 Subpart W.
- c. Solid and/or hazardous wastes generated at the site shall be disposed of in a manner approved by the Department.

2. Treated Wood Storage Storm Water

- a. Wood treated with preservatives containing copper, arsenic, zinc, chromium, and ammonia shall be stored under a covered area to prevent exposure to rainwater starting no later than January 1, 2009 (or after completion of the "Schedule of Required Actions/Changes" as described in the SWPCP).

3. Storm Water Outfalls (As defined in the SWPCP)

- A) **Benchmarks:** Benchmarks are guideline concentrations, not limitations. They are designed to assist the permittee in determining if the implementation of their SWPCP is reducing pollutant concentrations to below levels of concern.

Parameter	Benchmark
Total Arsenic	807 µg/L
Chromium III	558 µg/L
Chromium VI	16 µg/L
Total Copper	4.8 µg/L
Total Zinc	36 µg/L
pH	5.5 – 8.5 S.U.
Total Suspended Solids	130 mg/l
Total Oil & Grease	10 mg/l
Floating Solids	No Visible Discharge
Oil and Grease Sheen	No Visible Discharge

- B) **Site Controls:** The permittee shall maintain existing controls and/or develop new controls appropriate for the site as detailed in the Storm Water Pollution Control Plan (SWPCP) required under Schedule D of this permit. The purpose of these controls is to eliminate or minimize the exposure of pollutants to storm water.

- C) **Review of SWPCP:** If benchmarks are not achieved, the permittee shall review their SWPCP within 30 days of receiving sampling results. The purpose of this review is to determine if the SWPCP is being followed and to identify any additional technically and economically feasible site controls that need to be implemented to further improve the quality of storm water discharges. These site controls include best management practices, spill prevention and response procedures, preventative maintenance, and employee education procedures.

- i) **SWPCP Revision:** Permittee shall revise the SWPCP to include any newly identified site controls that do not involve significant capital improvements within 60 days of receiving sampling results showing exceedance of the benchmarks. This revision shall be incorporated into the SWPCP as an update. If additional site controls that involve significant capital improvements are identified, the Permittee shall submit a plan and schedule to the Department for review and approval within 60 days of receiving sampling results showing exceedance of the benchmarks. Upon receiving Department approval, Permittee shall implement the capital improvement plan. The Department will provide for a 35-day public notice and comment on any changes to the SWPCP that constitute an elimination or relaxation of requirements contained in the SWPCP.
- ii) **SWPCP Revision Submittal:** Results of this review shall be submitted to the Department in accordance with Schedule B and made available upon request to government agencies responsible for storm water management in the permittee's area.
- iii) **Background or Natural Conditions:** If the permittee demonstrates that background or natural conditions not associated with industrial activities at the site cause or contribute to an exceedance of a benchmark, then no further modifications to the SWPCP are required for that parameter. A report must be submitted to the Department with the necessary data to adequately demonstrate the exceedance is due to natural or background conditions.

4. **Water Quality Standards**

No wastes may be discharged or activities conducted that cause or contribute to a violation of water quality standards in OAR 340-041 applicable to the South Coast basin except as provided for in OAR 340-045-0080.

5. **Groundwater Protection**

No activities will be conducted that could cause an adverse impact on existing or potential beneficial uses of groundwater. All wastewater and process related residuals must be managed and disposed in a manner that will prevent a violation of the Groundwater Quality Protection Rules (OAR 340-040).

SCHEDULE B

1. **Minimum Monitoring and Reporting Requirements to be performed after approval of the Storm Water Pollution Control Plan (SWPCP)** (unless otherwise approved in writing by the Department).

The permittee shall monitor the parameters as specified below at the locations indicated. The laboratory used by the permittee to analyze samples shall have a quality assurance/quality control (QA/QC) program to verify the accuracy of sample analysis. If QA/QC requirements are not met for any analysis, the results shall be included in the report, but not used in calculations required by this permit. When possible, the permittee shall re-sample in a timely manner for parameters failing the QA/QC requirements, analyze the samples, and report the results.

a. **Storm Water Outfalls (As defined in the SWPCP, See Note 1)**

Item or Parameter	Minimum Frequency	Type of Sample
Rainfall (inches)	Daily	Measurement
Total Flow (MGD)	Daily	Estimate (See note 2)
Total Copper (see note 3)	1/Month (see note 4)	Grab
Total Lead (see note 3)	1/Month (see note 4)	Grab
Total Zinc (see note 3)	1/Month (see note 4)	Grab
Total Arsenic (see note 5)	1/Month (see note 4)	Grab
Chromium III	1/Month (see note 4)	Grab
Chromium VI	1/Month (see note 4)	Grab
pH	1/Month (see note 4)	Grab
Total Suspended Solids	1/Month (see note 4)	Grab
Oil & Grease	1/Month (see note 4)	Grab
Floating Solids	1/Month (see note 4)	Visual Observation
Oil & Grease sheen	1/Month (see note 4)	Visual Observation
Drip Containment Pads (Cracks & Leaks)	Weekly	Visual Observation
Acute Whole Effluent Toxicity	1/year (see note 6)	Grab

2. **Reporting Procedures**

- a. Monitoring results shall be reported on approved forms. The reporting period is the calendar month. The permittee must submit by July 15 of each year grab sampling and visual monitoring data for the previous monitoring period (July 1- June 30). If there was insufficient rainfall to collect samples, the permittee must notify the Department by July 15 of each year. The permittee must also report the practical quantification levels, method detection levels and analytical methods for the parameters analyzed. Reports must be submitted to the Medford office unless otherwise approved by the Department.
- b. State monitoring reports shall be complete and include the name of the facility, file number, and all monitoring results.
- c. Monitoring reports shall also include a record of all applicable equipment breakdowns and/or unpermitted releases.

3. **Report Submittals**

- a. SWPCP Revision: The permittee shall submit any revisions to the SWPCP required by Schedule A and/or Schedule D within fourteen days after the SWPCP is revised. If the Department does not review and comment on the revised SWPCP within 30 days, the permittee shall implement the revisions as proposed.

NOTES:

1. All samples shall be taken at monitoring points specified in the SWPCP before the storm water joins or is diluted by any other waste stream, body of water, or substance. The SWPCP shall indicate the primary and secondary outfalls. Samples shall not be composited. Sampling shall be conducted during the first storm event in the sampling period that is large enough to generate an adequate sample. If no storm event occurs during the sampling period that is large enough to generate an adequate sample during regular business hours, sampling is not required and a statement of "no discharge" shall be made for that sampling period.
2. Permittee shall estimate flows by correlation to rainfall measurements at the facility. The methodology and data used to calculate the estimated effluent flow shall be reported in the annual activity report.
3. Monitoring for copper must be conducted using a method capable of achieving a PQL of 2 µg/L or lower. Monitoring for lead must be conducted using a method capable of achieving a PQL of 0.2 µg/L or lower. Monitoring for zinc must be conducted using a method capable of achieving a PQL of 5 µg/L or lower. Changes in monitoring methods or PQLs must be approved in writing by the Department.
4. The primary outfall as designated in the SWPCP shall be monitored at the frequency listed in Schedule B.1.a. Any secondary outfalls listed in the SWPCP shall be monitored twice per year. Monitoring for any parameter may be reduced to twice per year at the primary outfall if benchmarks are met for four consecutive monitoring events. The monitoring frequency listed in Schedule B.1. shall be resumed if a benchmark is exceeded after a monitoring reduction.
5. Starting no later than 2009 (or after completion of the "Schedule of Required Actions/Changes" as described in the SWPCP), monitoring for arsenic must be conducted in accordance with EPA Method 1632 with a practical quantification level (PQL) of 5 ng/L or less. Changes in monitoring methods or PQLs may be approved if lower levels are unnecessary or if impracticable. Changes must be approved in writing by the Department.
6. Starting no later than 2009 (or after completion of the "Schedule of Required Actions/Changes" as described in the SWPCP), WET testing shall be performed according to the frequency above. Sampling is required for the primary outfall as designated in the SWPCP. If after two years of WET testing results demonstrate no toxicity at 100% effluent, no additional testing will be required.

SCHEDULE D

Special Conditions

1. Storm Water Pollution Control Plan (SWPCP): The SWPCP shall meet the following requirements:
 - a. The SWPCP shall be kept current and updated as necessary to reflect any changes in facility operation. The SWPCP and updates to the SWPCP shall be submitted to the Department within fourteen days of completion. A copy of the SWPCP shall be kept at the facility and made available upon request to government agencies responsible for storm water management in the permittee's area.
 - b. The SWPCP shall be prepared by a professional knowledgeable in storm water management and familiar with the facility.
 - c. The SWPCP shall be signed in accordance with 40 CFR §122.22. Updates and revisions to the SWPCP shall also be signed in this manner. The SWPCP shall be signed by a principal executive officer of at least the level of vice president.
 - d. The SWPCP shall contain the following information:
 - i) A description of the industrial activities conducted at the site. Include a description of the significant materials (see Schedule D.8, Definitions) that are stored, used, treated and/or disposed of in a manner that allows exposure to storm water. Also describe the methods of storage, usage, treatment and/or disposal.
 - ii) A general location map showing the location of the site in relation to surrounding properties, transportation routes, surface waters and other relevant features.
 - iii) A site map including the following:
 - (1) drainage patterns.
 - (2) drainage and discharge structures.
 - (3) outline of the drainage area for each storm water outfall.
 - (4) paved areas and buildings within each drainage area.
 - (5) areas used for outdoor manufacturing, treatment, storage, and/or disposal of significant materials.
 - (6) existing structural control measures for reducing pollutants in storm water runoff.
 - (7) material loading and access areas.
 - (8) hazardous waste treatment, storage and disposal facilities.
 - (9) location of wells including waste injection wells, seepage pits, drywells, etc.
 - (10) location of springs, wetlands and other surface water bodies.
 - iv) Estimates of the amount of impervious surface area (including paved areas and building roofs) relative to the total area drained by each storm water outfall.
 - v) For each area of the site where a reasonable potential exists for contributing pollutants to storm water runoff, identify the potential pollutants that could be present in storm water discharges.
 - vi) The name(s) of the receiving water(s) for storm water drainage. If drainage is to a municipal storm sewer system, the name(s) of the ultimate receiving waters and the name of the municipality.
 - vii) Identification of the discharge outfall(s) and the point(s) where storm water monitoring will occur as required by Schedule B.
 - e. In developing a control strategy, the SWPCP shall have the following minimum components. A description of each component shall be included in the SWPCP:
 - i) *Storm Water Best Management Practices* If technically and economically feasible, the following best management practices shall be employed at the site. A schedule for implementation of these practices shall be included in the SWPCP if the practice has not already been accomplished. This

schedule must be consistent with the requirements for developing and implementing the SWPCP in Schedule C of the permit.

- (1) Containment - All hazardous materials (see Schedule D.8, Definitions) shall be stored within berms or other secondary containment devices to prevent leaks and spills from contaminating storm water. If the use of berms or secondary containment devices is not possible, then hazardous materials shall be stored in areas that do not drain to the storm sewer system.
 - (2) Oil and Grease - Oil/Water separators, booms, skimmers or other methods shall be employed to eliminate or minimize oil and grease contamination of storm water discharges.
 - (3) Waste Chemicals and Material Disposal - Wastes shall be recycled or properly disposed of in a manner to eliminate or minimize exposure of pollutants to storm water. All waste contained in bins or dumpsters where there is a potential for drainage of storm water through the waste shall be covered to prevent exposure of storm water to these pollutants. Acceptable covers include, but are not limited to, storage of bins or dumpsters under roofed areas and use of lids or temporary covers such as tarps.
 - (4) Erosion and Sediment Control - Erosion control methods such as vegetating exposed areas, graveling or paving shall be employed to minimize erosion of soil at the site. Sediment control methods such as detention facilities, sediment control fences, vegetated filter strips, bioswales, or grassy swales shall be employed to minimize sediment loads in storm water discharges. For activities that involve land disturbance, the permittee shall contact the local municipality to determine if there are other applicable requirements.
 - (5) Debris Control - Screens, booms, settling ponds, or other methods shall be employed to eliminate or minimize debris in storm water discharges.
 - (6) Storm Water Diversion - Storm water shall be diverted away from fueling, manufacturing, treatment, storage, and disposal areas to prevent exposure of uncontaminated storm water to potential pollutants.
 - (7) Covering Activities - Fueling, manufacturing, treatment, storage, and disposal areas shall be covered to prevent exposure of storm water to potential pollutants. Acceptable covers include, but are not limited to, permanent structures such as roofs or buildings and temporary covers such as tarps.
 - (8) Housekeeping - Areas that may contribute pollutants to storm water shall be kept clean. Sweeping, prompt clean up of spills and leaks, and proper maintenance of vehicles shall be employed to eliminate or minimize exposure of storm water to pollutants.
- ii) *Spill Prevention and Response Procedures* Methods to prevent spills along with clean-up and notification procedures shall be included in the SWPCP. These methods and procedures shall be made available to appropriate personnel. The required clean up material shall be on-site or readily available. Spills prevention plans required by other regulations may be substituted for this provision providing that storm water management concerns are adequately addressed.
- iii) *Preventative Maintenance* A preventative maintenance program shall be implemented to ensure the effective operation of all storm water best management practices. At a minimum the program shall include:
- (1) Monthly inspections of areas where potential spills of significant materials or industrial activities could impact storm water runoff.
 - (2) Monthly inspections of storm water control measures, structures, catch basins, and treatment facilities.
 - (3) Cleaning, maintenance and/or repair of all materials handling and storage areas and all storm water control measures, structures, catch basins, and treatment facilities as needed upon discovery.
- iv) *Employee Education* An employee orientation and education program shall be developed and maintained to inform personnel of the components and goals of the SWPCP. The program shall also

address spill response procedures and the necessity of good housekeeping practices. A schedule for employee education shall be included in the SWPCP.

- f. Failure to comply with the SWPCP is considered a violation of the permit.
2. Permittee shall complete the upgrades listed in the "Schedule of Required Actions/Changes" as described in the SWPCP.
3. Record Keeping and Internal Reporting Procedures: The following information shall be recorded and maintained at the facility and provided to the Department and other government agencies upon request. This information does not need to be submitted as part of the SWPCP.
 - a. Inspection, maintenance, repair and education activities as required by the SWPCP.
 - b. Spills or leaks of significant materials that impacted or had the potential to impact storm water or surface waters. Include the corrective actions to clean up the spill or leak as well as measures to prevent future problems of the same nature.
4. An adequate contingency plan for prevention and handling of spills and unplanned discharges shall be in force at all times. A continuing program of employee orientation and education shall be maintained to ensure awareness of the necessity of good inplant control and quick and proper action in the event of a spill or accident.
5. An environmental supervisor shall be designated to coordinate and carry out all necessary functions related to maintenance and operation of waste collection, treatment, and disposal facilities. This person must have access to all information pertaining to the generation of wastes in the various process areas.
6. **Whole Effluent Toxicity Testing**
 - a. The permittee shall conduct whole effluent toxicity (WET) tests as specified in Schedule B of this permit.
 - b. Acute Toxicity Testing - Organisms and Protocols
 - (1) The permittee shall conduct 48-hour static renewal tests with the *Ceriodaphnia dubia* (water flea) and the *Pimephales promelas* (fathead minnow).
 - (2) The presence of acute toxicity will be determined as specified in **Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms**, Fourth Edition, EPA/600/4-90/027F, August 1993.
 - (3) An acute WET test shall be considered to show potential toxicity if there is a statistically significant difference in survival between the control and 100 percent effluent.
 - c. Quality Assurance

Quality assurance criteria, statistical analyses and data reporting for the WET tests shall be in accordance with the EPA documents stated in this condition and the Department's **Whole Effluent Toxicity Testing Guidance Document**, January 1993.
 - d. Evaluation of Causes and Exceedances
 - (1) If toxicity is shown, as defined in sections c.(3) of this permit condition, another toxicity test using the same species and Department approved methodology shall be conducted at

the next measurable storm event, unless otherwise approved by the Department. If the second test also indicates toxicity, the permittee shall follow the procedure described in section e.(2) of this permit condition.

- (2) If two consecutive WET test results indicate acute toxicity, as defined in sections c.(3) of this permit condition, the permittee shall evaluate the source of the toxicity and submit a plan and time schedule for demonstrating compliance with water quality standards. Upon approval by the Department, the permittee shall implement the plan until compliance has been achieved. Evaluations shall be completed and plans submitted to the Department within six months unless otherwise approved in writing by the Department.

e. Reporting

- (1) Along with the test results, the permittee shall include: 1. the dates of sample collection and initiation of each toxicity test; 2. the flow rate at the time of sample collection. Parameters required to be sampled in Schedule B.1.a must be tested for at the time the effluent is collected for the WET tests.
- (2) The permittee shall make available to the Department, on request, the written standard operating procedures they, or the laboratory performing the WET tests, are using for all toxicity tests required by the Department.

f. Reopener

If WET testing indicates acute toxicity, the Department may reopen and modify this permit to include new benchmarks and/or conditions as determined by the Department to be appropriate, and in accordance with procedures outlined in Oregon Administrative Rules, Chapter 340, Division 45.

7. The permittee shall notify the Coos Bay office in accordance with the response times noted in the General Conditions of this permit, of any malfunction so that corrective action can be coordinated between the permittee and the Department.
8. Sanitary wastes shall be disposed of to a septic tank and subsurface disposal system (or by other approved means) which is installed, operated, and maintained in accordance with the requirements of the Department of Environmental Quality and the local health department and in a manner which will prevent inadequately treated waste water from entering any waters of the state, or from becoming a nuisance or health hazard.

9. Definitions

- a) *Capital Improvements* means the following improvements that require capital expenditures:
 - i) Treatment best management practices including but not limited to settling basins, oil/water separation equipment, catch basins, grassy swales, and detention/retention basins.
 - ii) Manufacturing modifications that incur capital expenditures, including process changes for reduction of pollutants or wastes at the source.
 - iii) Concrete pads, dikes and conveyance or pumping systems utilized for collection and transfer of storm water to treatment systems.
 - iv) Roofs and appropriate covers for manufacturing areas.
- b) *Hazardous Materials* as defined in 40 CFR §302 Designation, Reportable Quantities, and Notification.

- c) *Material Handling Activities* include the storage, loading and unloading, transportation or conveyance of raw material, intermediate product, finished product, by-product or waste product.
- d) *Point Source* means a discharge from any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, or conduit.
- e) *Significant Materials* includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical that a facility is required to report pursuant to section 313 of title III of SARA; fertilizers; pesticides; and waste products such as ash, slag, and sludge that have the potential to be released with storm water discharges.

SCHEDULE F
NPDES GENERAL CONDITIONS – INDUSTRIAL FACILITIES

SECTION A. STANDARD CONDITIONS

1. **Duty to Comply with Permit**
The permittee must comply with all conditions of this permit. Failure to comply with any permit condition is a violation of the Clean Water Act, Oregon Revised Statutes (ORS) 468B.025, and 40 Code of Federal Regulations (CFR) Section 122.41(a), and grounds for an enforcement action. Failure to comply is also grounds for the Department to modify, revoke, or deny renewal of a permit.
2. **Penalties for Water Pollution and Permit Condition Violations**
ORS 468.140 allows the Department to impose civil penalties up to \$10,000 per day for violation of a term, condition, or requirement of a permit. Additionally 40 CFR 122.41 (A) provides that any person who violates any permit condition, term, or requirement may be subject to a federal civil penalty not to exceed \$25,000 per day for each violation.

Under ORS 468.943 and 40 CFR 122.41(a), unlawful water pollution, if committed by a person with criminal negligence, is punishable by a fine of up to \$25,000 imprisonment for not more than one year, or both. Each day on which a violation occurs or continues is a separately punishable offense.

Under ORS 468.946, a person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a Class B felony punishable by a fine not to exceed \$200,000 and up to 10 years in prison. Additionally, under 40 CFR 122.41(a) any person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a federal civil penalty not to exceed \$100,000, and up to 6 years in prison.
3. **Duty to Mitigate**
The permittee must take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. In addition, upon request of the Department, the permittee must correct any adverse impact on the environment or human health resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
4. **Duty to Reapply**
If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and have the permit renewed. The application must be submitted at least 180 days before the expiration date of this permit.

The Department may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.
5. **Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - a. Violation of any term, condition, or requirement of this permit, a rule, or a statute
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all material facts
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge
 - d. The permittee is identified as a Designated Management Agency or allocated a wasteload under a Total Maximum Daily Load (TMDL)
 - e. New information or regulations
 - f. Modification of compliance schedules
 - g. Requirements of permit reopener conditions
 - h. Correction of technical mistakes made in determining permit conditions
 - i. Determination that the permitted activity endangers human health or the environment
 - j. Other causes as specified in 40 CFR 122.62, 122.64, and 124.5
The filing of a request by the permittee for a permit modification, revocation or reissuance, termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
6. **Toxic Pollutants**
The permittee must comply with any applicable effluent standards or prohibitions established under Oregon Administrative Rules (OAR) 340-041-0033 for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
7. **Property Rights and Other Legal Requirements**
The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege, or authorize any injury to persons or property or invasion of any other private rights, or any infringement of federal, tribal, state, or local laws or regulations.
8. **Permit References**
Except for effluent standards or prohibitions established under Section 307(a) of the Clean Water Act and OAR 340-041-0033 for toxic pollutants, all rules and statutes referred to in this permit are those in effect on the date this permit is issued.

9. Permit Fees
The permittee must pay the fees required by Oregon Administrative Rules.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance
The permittee must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
2. Need to Halt or Reduce Activity Not a Defense
For industrial or commercial facilities, upon reduction, loss, or failure of the treatment facility, the permittee must, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced or lost. It is not 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.
3. Bypass of Treatment Facilities
- a. Definitions
- (1) "Bypass" means intentional diversion of waste streams from any portion of the treatment facility. The term "bypass" does not apply if the diversion does not cause effluent limitations to be exceeded, provided the diversion is to allow essential maintenance to assure efficient operation or the diversion is due to nonuse of nonessential treatment units or processes at the treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities or treatment processes that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- b. Prohibition of bypass.
- (1) Bypass is prohibited unless:
- (a) Bypass was necessary to prevent loss of life, personal injury, or severe property damage;
- (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventative maintenance; and
- (c) The permittee submitted notices and requests as required under General Condition B.3.c.
- (2) The Department may approve an anticipated bypass, after considering its adverse effects and any alternatives to bypassing, when the Department determines that it will meet the three conditions listed above in General Condition B.3.b.(1).
- c. Notice and request for bypass.
- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, a written notice must be submitted to the Department at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permittee must submit notice of an unanticipated bypass as required in General Condition D.5.
4. Upset
- a. Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operation error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of General Condition B.4.c are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
- (2) The permitted facility was at the time being properly operated;
- (3) The permittee submitted notice of the upset as required in General Condition D.5, hereof (24-hour notice); and
- (4) The permittee complied with any remedial measures required under General Condition A.3 hereof.
- d. Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Treatment of Single Operational Upset
For purposes of this permit, A Single Operational Upset that leads to simultaneous violations of more than one pollutant parameter will be treated as a single violation. A single operational upset is an exceptional incident that causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. A single operational upset does not include Clean Water Act violations involving discharge without a NPDES permit or noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Each day of a single operational upset is a violation.
6. Overflows from Wastewater Conveyance Systems
- a. Definitions
- (1) "Overflow" means the diversion and discharge of waste streams from any portion of the wastewater conveyance system through a designed overflow device or structure, other than discharges to the wastewater treatment facility.
 - (2) "Severe property damage" means substantial physical damage to property, damage to the conveyance system which causes it to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of an overflow.
 - (3) "Uncontrolled overflow" means the diversion of waste streams other than through a designed overflow device or structure.
- b. Prohibition of overflows. Overflows are prohibited unless:
- (1) Overflows were unavoidable to prevent an uncontrolled overflow, loss of life, personal injury, or severe property damage;
 - (2) There were no feasible alternatives to the overflows, such as the use of auxiliary conveyance systems, or maximization of conveyance system storage; and
 - (3) The overflows are the result of an upset as defined in General Condition B.4. and meeting all requirements of this condition.
- c. Uncontrolled overflows are prohibited where wastewater is likely to escape or be carried into the waters of the State by any means.
- d. Reporting required. Unless otherwise specified in writing by the Department, all overflows and uncontrolled overflows must be reported orally to the Department within 24 hours from the time the permittee becomes aware of the overflow. Reporting procedures are described in more detail in General Condition D.5.
7. Public Notification of Effluent Violation or Overflow
If effluent limitations specified in this permit are exceeded or an overflow occurs, upon request by the Department, the permittee must take such steps as are necessary to alert the public about the extent and nature of the discharge. Such steps may include, but are not limited to, posting of the river at access points and other places, news releases, and paid announcements on radio and television.
8. Removed Substances
Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters must be disposed of in such a manner as to prevent any pollutant from such materials from entering waters of the state, causing nuisance conditions, or creating a public health hazard.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling
Sampling and measurements taken as required herein must be representative of the volume and nature of the monitored discharge. All samples must be taken at the monitoring points specified in this permit, and shall be taken, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points may not be changed without notification to and the approval from the Department.
2. Flow Measurements
Appropriate flow measurement devices and methods consistent with accepted scientific practices must be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices must be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected must be capable of measuring flows with a maximum deviation of less than ± 10 percent from true discharge rates throughout the range of expected discharge volumes.
3. Monitoring Procedures
Monitoring must be conducted according to test procedures approved under 40 CFR part 136, unless other test procedures have been specified in this permit.
4. Penalties of Tampering
The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit may, upon conviction, be punished by a fine of not more than \$10,000 per violation, imprisonment for not more than two years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, punishment is a fine not more than \$20,000 per day of violation, or by imprisonment of not more than four years, or both.
5. Reporting of Monitoring Results

Monitoring results must be summarized each month on a Discharge Monitoring Report form approved by the Department. The reports must be submitted monthly and are to be mailed, delivered or otherwise transmitted by the 15th day of the following month unless specifically approved otherwise in Schedule B of this permit.

6. Additional Monitoring by the Permittee
If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 part CFR 136 or as specified in this permit, the results of this monitoring must be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report. Such increased frequency must also be indicated. For a pollutant parameter that may be sampled more than once per day (e.g., Total Chlorine Residual), only the average daily value must be recorded unless otherwise specified in this permit.
7. Averaging of Measurements
Calculations for all limitations that require averaging of measurements must utilize an arithmetic mean, except for bacteria which shall be averaged as specified in this permit.
8. Retention of Records
The permittee must retain records of all monitoring information, including: all calibration, maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the Department at any time.
9. Records Contents
Records of monitoring information must include:
 - a. The date, exact place, time, and methods of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
10. Inspection and Entry
The permittee must allow the Department or an authorized representative upon the presentation of credentials to:
 - a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
 - d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by state law, any substances or parameters at any location.

SECTION D. REPORTING REQUIREMENTS

1. Planned Changes
The permittee must comply with OAR chapter 340, division 52, "Review of Plans and Specifications" and 40 CFR Section 122.41(l) (1). Except where exempted under OAR chapter 340, division 52, no construction, installation, or modification involving disposal systems, treatment works, sewerage systems, or common sewers may be commenced until the plans and specifications are submitted to and approved by the Department. The permittee must give notice to the Department as soon as possible of any planned physical alternations or additions to the permitted facility.
2. Anticipated Noncompliance
The permittee must give advance notice to the Department of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.
3. Transfers
This permit may be transferred to a new permittee provided the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of the permit and the rules of the Commission. No permit may be transferred to a third party without prior written approval from the Department. The Department may require modification, revocation, and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act (see 40 CFR Section 122.61; in some cases, modification or revocation and reissuance is mandatory). The permittee must notify the Department when a transfer of property interest takes place.
4. Compliance Schedule
Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date. Any reports of noncompliance must include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.
5. Twenty-Four Hour Reporting
The permittee must report any noncompliance that may endanger health or the environment. Any information must be provided orally (by telephone) within 24 hours, unless otherwise specified in this permit, from the time the permittee becomes aware of the circumstances. During normal business hours, the Department's Regional office must be called. Outside of normal business hours, the Department must be contacted at 1-800-452-0311 (Oregon Emergency Response System).

A written submission must also be provided within 5 days of the time the permittee becomes aware of the circumstances. Pursuant to ORS 468.959 (3) (a), if the permittee is establishing an affirmative defense of upset or bypass to any offense under ORS 468.922 to 468.946, delivered written notice must be made to the Department or other agency with regulatory jurisdiction within 4 (four) calendar days of the time the permittee becomes aware of the circumstances. The written submission must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected;
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and
- e. Public notification steps taken, pursuant to General Condition B.6

The following must be included as information that must be reported within 24 hours under this paragraph:

- f. Any unanticipated bypass that exceeds any effluent limitation in this permit;
- g. Any upset that exceeds any effluent limitation in this permit;
- h. Violation of maximum daily discharge limitation for any of the pollutants listed by the Department in this permit; and
- i. Any noncompliance that may endanger human health or the environment.

The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

6. Other Noncompliance

The permittee must report all instances of noncompliance not reported under General Condition D.4 or D.5, at the time monitoring reports are submitted. The reports must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected; and
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. Duty to Provide Information

The permittee must furnish to the Department within a reasonable time any information that the Department may request to determine compliance with this permit. The permittee must also furnish to the Department, upon request, copies of records required to be kept by this permit.

Other Information: When the permittee becomes aware that it has failed to submit any relevant facts or has submitted incorrect information in a permit application or any report to the Department, it must promptly submit such facts or information.

8. Signatory Requirements

All applications, reports or information submitted to the Department must be signed and certified in accordance with 40 CFR Section 122.22.

9. Falsification of Information

Under ORS 468.953, any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, is subject to a Class C felony punishable by a fine not to exceed \$100,000 per violation and up to 5 years in prison. Additionally, according to 40 CFR 122.41(k)(2), any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a federal civil penalty not to exceed \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

10. Changes to Discharges of Toxic Pollutant

The permittee must notify the Department as soon as it knows or have reason to believe of the following:

- a. That any activity has occurred or will occur that would result in the discharge, on a routine or frequent basis, of any toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) One hundred micrograms per liter (100 µg/l);
 - (2) Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR Section 122.21(g)(7); or
 - (4) The level established by the Department in accordance with 40 CFR Section 122.44(f).
- b. That any activity has occurred or will occur that would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) Five hundred micrograms per liter (500 µg/l);
 - (2) One milligram per liter (1 mg/l) for antimony;
 - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR Section 122.21(g)(7); or
 - (4) The level established by the Department in accordance with 40 CFR Section 122.44(f).

SECTION E. DEFINITIONS

1. *BOD* means five-day biochemical oxygen demand.
2. *TSS* means total suspended solids.
3. "*Bacteria*" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and *E. coli* bacteria.
4. *FC* means fecal coliform bacteria.
5. *Total residual chlorine* means combined chlorine forms plus free residual chlorine
6. *Technology based permit effluent limitations* means technology-based treatment requirements as defined in 40 CFR Section 125.3, and concentration and mass load effluent limitations that are based on minimum design criteria specified in OAR Chapter 340, Division 41.
7. *mg/l* means milligrams per liter.
8. *kg* means kilograms.
9. *m³/d* means cubic meters per day.
10. *MGD* means million gallons per day.
11. *24-hour Composite sample* means a combination of at least six discrete sample aliquots of at least 100 milliliters, collected at periodic intervals from the same location, during the operating hours of the facility over a 24 hour period. Four (rather than six) aliquots should be collected for volatile organics analyses. The composite must be flow or time proportional, whichever is more appropriate. The sample aliquots must be collected and stored in accordance with procedures prescribed in the most recent edition of *Standard Methods for the Examination of Water and Wastewater*.
12. *Grab sample* means an individual discrete sample collected over a period of time not to exceed 15 minutes.
13. *Quarter* means January through March, April through June, July through September, or October through December.
14. *Month* means calendar month.
15. *Week* means a calendar week of Sunday through Saturday.