

Issuance Date: March 8, 2007
Effective Date: April 1, 2007
Expiration Date: March 7, 2012

STATE WASTE DISCHARGE PERMIT NUMBER ST 5292

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Eastern Regional Office

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
authorizes

Columbia Foods, Inc.
P.O. Box 605
Quincy, WA 98848

to discharge wastewater in accordance with the special and general conditions which follow.

<u>Facility Location:</u> East of the City of Quincy (Grant Co.), along highway 28; near Winchester	<u>Discharge Location:</u> Approximately 235 acres; S ½ Sec. 9, and SE ¼ Sec. 8, T. 20N., R. 25 EWM
<u>Industry Type:</u> Vegetable processing	Latitude: 47° 14' 22" N Longitude: 119° 42' 08" W
<u>SIC Code:</u> 2037	

James M. Bellatty
Water Quality Section Manager
Eastern Regional Office
Washington State Department of Ecology

TABLE OF CONTENTS

SUMMARY OF PERMIT REPORT SUBMITTALS.....	4
SPECIAL CONDITIONS	
S1. DISCHARGE LIMITATIONS.....	5
S2. MONITORING REQUIREMENTS.....	6
A. Process Wastewater Monitoring	
B. Irrigated Wastewater Monitoring	
C. Ground Water Monitoring	
D. Supplemental Irrigation Water Monitoring	
E. Soil Monitoring	
F. Crop Monitoring	
G. Sampling and Analytical Procedures	
H. Flow Measurement	
I. Laboratory Accreditation	
S3. REPORTING AND RECORDKEEPING REQUIREMENTS	10
A. Reporting	
B. Records Retention	
C. Recording of Results	
D. Additional Monitoring by the Permittee	
E. Noncompliance Notification	
F. Maintaining a Copy of This Permit	
G. Soluble BOD Report	
H. Tile Drain Closure	
S4. FACILITY LOADING.....	12
S5. OPERATION AND MAINTENANCE.....	12
A. Operations and Maintenance Manual - Update	
B. Bypass Procedures	
C. Irrigation Land Application	
D. Best Management Practices\Pollution Prevention Program	
S6. PROCESS RESIDUAL WASTE DISPOSAL PLAN	15
A. Process Residual Waste Plan	
B. Process Residual Waste Handling	
C. Leachate	
S7. IRRIGATION AND CROP MANAGEMENT PLAN.....	16
A. Annual Summary of Farm Operations for Previous Year	
B. Cropping Schedule for Upcoming Year	

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS.....19
G2. RIGHT OF ENTRY19
G3. PERMIT ACTIONS.....20
G4. REPORTING A CAUSE FOR MODIFICATION20
G5. PLAN REVIEW REQUIRED20
G6. COMPLIANCE WITH OTHER LAWS AND STATUTES20
G7. DUTY TO REAPPLY20
G8. PERMIT TRANSFER21
G9. PAYMENT OF FEES.....21
G10. PENALTIES FOR VIOLATING PERMIT CONDITIONS21

SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A.	Discharge Monitoring Report	Monthly	May 15, 2007
S3.G	Soluble BOD Report	1/ permit cycle	January 15, 2009
S3.H	Tile Drain Closure Notification	1/ permit cycle	July 1, 2007
S5.A.	Operations and Maintenance Manual - Update	1/ permit cycle	December 1, 2007
S6.A	Process Residual Waste Plan	1/ permit cycle	December 1, 2007
S7.	Irrigation and Crop Management Plan	1/ year	April 15, 2007
G7.	Application for permit renewal	1/ permit cycle	September 4, 2011

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to apply process wastewater to land via spray irrigation not to exceed the agronomic rates for nitrogen and water, and at rates for other wastewater constituents that are protective of the background ground water quality.

The Permittee is authorized to apply wastewater for final treatment on the following designated irrigation lands.

Approximately 235 acres located in the S ½ of Sec. 9, and the SE ¼ Sec. 8, T. 20N., R. 25 EWM

Total nitrogen and water shall be applied to the irrigation lands as determined by the current Irrigation and Crop Management Plan. The sprayfields must be operated by the Permittee so as to protect the existing and future beneficial uses of the ground water and not cause a violation of the ground water standards (WAC 173-200).

The discharge from the processing facility to the irrigation site shall be subject to the following limitations:

Maximum monthly flow: 17.9 MG

A. Ground Water Enforcement Limitations

The point of compliance will be at monitoring well CF-2. Two consecutive exceedances of any limit will constitute a permit violation.

	GROUND WATER ENFORCEMENT LIMITATIONS
Nitrate (as N)	7.15 mg/L
Total Dissolved Solids	480 mg/L
pH	6.5 – 8.5 s.u.

S2. MONITORING REQUIREMENTS

A. Process Wastewater Monitoring

The Permittee shall monitor the screened process wastewater that is pumped from the processing facility to the irrigation pond according to the following schedule.

Parameter	Units	Sampling Frequency	Sample Type
Flow (monthly total, avg, max)	MG; GPD	Continuous ¹	Meter
¹ Continuous means uninterrupted except for brief lengths of time for calibration, for power failure, or for unanticipated equipment repair or maintenance. Measurements shall be taken hourly when continuous monitoring is not possible.			

B. Irrigated Wastewater Monitoring

The sampling point for the irrigated wastewater shall be from the irrigation pump line that supplies the wastewater to the sprayfield.

Parameter	Units	Sampling Frequency	Sample Type
Flow (monthly total, average)	MG; GPD	Continuous ¹	Meter
pH	s.u.	1/ month	Grab
Ammonia (as N)	mg/L	1/ month	Grab
TKN (as N)	mg/L; lbs/day	1/ month	Grab
Total BOD ₅	mg/L	1/ month	Grab
Soluble BOD ₅ ²	mg/L	1/ month ³	Grab
Conductivity	umhos/cm	1/ month	Grab
Total Dissolved Fixed Solids	mg/L; lbs/day	1/ month	Grab
Sodium	mg/L	4/ year ⁴	Grab
Calcium	mg/L	4/ year ⁴	Grab
Magnesium	mg/L	4/ year ⁴	Grab
Potassium	mg/L	4/ year ⁴	Grab
Chloride	mg/L	4/ year ⁴	Grab
Bicarbonate	mg/L	4/ year ⁴	Grab
Sulfate	mg/L	4/ year ⁴	Grab

¹ Continuous means uninterrupted except for brief lengths of time for calibration, for power failure, or for unanticipated equipment repair or maintenance. Measurements shall be taken hourly when continuous monitoring is not possible.

² Filter sample through at least a 1.2 um filter prior to conducting the test.

³ Testing shall be done May - October in 2007 and 2008. See Section S3.C for reporting requirements.

⁴ 4/year means: May, July, September, and November.

C. Ground Water Monitoring

The sampling points for ground water will be at wells CF-1 through CF-5.

The Permittee shall monitor the ground water according to the following schedule:

Parameter	Units	Sampling Frequency	Sample Type
Water level elevation	Nearest 0.01ft above sea level	1/ month	Field Measurement
Dissolved Oxygen	mg/L	1/ month	Field Measurement
Temperature	° F	1/ month	Field Measurement
Ferrous Iron	Present/Absent	1/ month	Field Measurement
pH	s.u.	1/ month	Field Measurement
Nitrate (as N)	mg/L	1/ month	Grab
Total Dissolved Solids	mg/L	1/ month	Grab
Sodium	mg/L	4/ year ¹	Grab
Calcium	mg/L	4/ year ¹	Grab
Magnesium	mg/L	4/ year ¹	Grab
Potassium	mg/L	4/ year ¹	Grab
Chloride	mg/L	4/ year ¹	Grab
Bicarbonate	mg/L	4/ year ¹	Grab
Sulfate	mg/L	4/ year ¹	Grab
Ammonia (as N)	mg/L	4/ year ¹	Grab

¹ 4/ year means: March, June, August, and October.

D. Supplemental Irrigation Water Monitoring

The Permittee shall sample the supplemental irrigation water according to the following schedule. The results shall be reported with the annual Irrigation and Crop Management Plan.

Parameter	Units	Sampling Frequency	Sample Type
Flow	Gallons	Continuous	Metered
TKN (as N)	mg/L	1/ year	Grab
Total Dissolved Solids	mg/L	1/ year	Grab

E. Soil Monitoring

The Permittee shall perform soil monitoring on the irrigation lands once per year. These sampling sites shall be located so as to be representative of each irrigation site or as represented in the crop management plan. If possible, sampling sites shall remain in the same vicinity from year to year. Testing at each sampling site shall be done on one foot soil increments. Results shall be submitted annually with the annual Irrigation and Crop Management Plan.

Composite samples will be for five depths [0-12"; 12-24"; 24-36"; 36-48"; 48-60" (or until auger refusal)] and will be from a minimum of five (5) cores. Samples will be collected at a time that best represents soil conditions at the end of the crop growing season.

The Permittee shall monitor the soils in each sprayfield according to the following schedule. Results shall be submitted annually with the annual Irrigation and Crop Management Plan.

Parameter	Units	Sample Point	Depth Increments¹
Organic matter	%	Each field	1
TKN (as N)	mg/Kg	Each field	1
NO ₃ (as N)	mg/Kg	Each field	1-5
NH ₃ (as N)	mg/Kg	Each field	1
Available Phosphorus (as P)	mg/Kg	Each field	1
Conductivity	mmhos/cm	Each field	1,3,5
Sodium	mg/Kg	Each field	1
Calcium	mg/Kg	Each field	1
Magnesium	mg/Kg	Each field	1

Parameter	Units	Sample Point	Depth Increments ¹										
Potassium	mg/Kg	Each field	1										
Chloride	mg/Kg	Each field	1										
Sulfate (as S)	mg/Kg	Each field	1										
pH	s.u.	Each field	1,3,5										
¹ Depth (inches) vs. Depth increment (ft.) for composite samples: <table style="margin-left: 40px; border-collapse: collapse;"> <tr><td>0 -12"</td><td>1</td></tr> <tr><td>12-24"</td><td>2</td></tr> <tr><td>24-36"</td><td>3</td></tr> <tr><td>36-48"</td><td>4</td></tr> <tr><td>48-60"</td><td>5</td></tr> </table>				0 -12"	1	12-24"	2	24-36"	3	36-48"	4	48-60"	5
0 -12"	1												
12-24"	2												
24-36"	3												
36-48"	4												
48-60"	5												

F. Crop Monitoring

The Permittee shall perform crop monitoring on each field once per harvest. Composite samples will be comprised of at least ten (10) random samples collected from each field.

Results shall be submitted annually with the annual Irrigation and Crop Management Plan.

Parameter	Units
Crop production (Yield)	dry tons/ac
Moisture content	%
Total Kjeldahl Nitrogen	%
NO ₃ (as N)	mg/Kg (dry wt)
Total-P (as P)	mg/Kg (dry wt)
Ash weight	mg/Kg (dry wt)

G. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Ground water sampling shall conform to the latest protocols in the *Implementation Guidance for the Ground Water Quality Standards*, (Ecology 1996).

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

H. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements is consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

I. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, conductivity, pH, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited.

Crops and soils testing have not been included in the accreditation program. Crop and soil data shall be provided by a reputable agricultural test lab that is an active participant in a nationally recognized agricultural laboratory proficiency testing program.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by the Department, and be received no later than the 15th day of the month following the completed reporting period, unless otherwise specified in this permit.

The report shall be sent to:

Water Quality Permit Coordinator
Department of Ecology
4601 N. Monroe St.
Spokane, WA 99205-1295

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge or the facility was not operating during a given monitoring period, submit the form as required with the words "No Discharge" entered in place of the monitoring results.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original 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. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;
2. Repeat sampling and analysis of any violation and submit the results to the Department within 30 days after becoming aware of the violation;
3. Immediately notify the Department of the failure to comply; and

4. Submit a detailed written report to the Department within thirty days, unless requested earlier by the Department, describing the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

F. Maintaining a Copy of This Permit

A copy of this permit shall be kept at the facility and be made available upon request to Ecology inspectors.

G. Soluble BOD Report

No later than January 15, 2009, the Permittee shall submit to Ecology the results of the irrigated wastewater soluble BOD test results as required in Section S2.B. The report shall include all associated total BOD test results and the ratio values for soluble: total BOD.

H. Tile Drain Closure

No later than July 1, 2007, Columbia Foods shall notify Ecology in writing that the tile drain has been permanently closed and no discharge will occur to the Winchester Wasteway.

S4. FACILITY LOADING

Design Criteria

Flows or waste loadings of the following design criteria for the process wastewater shall not be exceeded:

Net TN load to sprayfields:	96 – 126 lbs/acre/year
Total salt load to sprayfields:	900 – 1300 lbs/acre/year
BOD load (max monthly average daily):	72 lbs/acre/day
Leaching Requirement:	0.5” – 0.7”

S5. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Operations and Maintenance Manual - Update

No later than December 1, 2007, an update to the 1997 Operations and Maintenance (O&M) Manual shall be prepared by the Permittee in accordance with WAC 173-240-150 and be submitted to the Department for approval.

The O&M Manual shall be reviewed by the Permittee at least annually. All manual changes or updates shall be submitted to the Department whenever they are incorporated into the manual. The approved operation and maintenance manual shall be kept available at the permitted facility.

The updated operation and maintenance manual shall contain the treatment plant process control monitoring schedule. All operators shall follow the instructions and procedures of this manual.

In addition to the requirements of WAC 173-240-150(1) and (2), the manual shall include:

1. Emergency procedures for plant shutdown and cleanup in the event of a wastewater system upset, failure, or spill;
2. Irrigation system operational controls and procedures;
3. Plant maintenance procedures;
4. Protocols and procedures for the ground water monitoring network sampling and testing required by the discharge permit;
5. Protocols and procedures for the wastewater sampling required by the discharge permit.

B. Bypass Procedures

The Permittee shall immediately notify the Department of any spill, overflow, or bypass from any portion of the treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. *Unavoidable Bypass* -- Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit the Permittee shall notify the Department in accordance with condition S3.E "Noncompliance Notification."

2. *Anticipated Bypass That Has the Potential to Violate Permit Limits or Conditions* -- Bypass is authorized by an administrative order issued by the Department. The Permittee shall notify the Department at least 30 days before the planned date of bypass. The notice shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:
 - a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
 - b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
 - c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.120.

3. *Bypass For Essential Operations and Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions* -- Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, or adversely impact public health as determined by the Department prior to the bypass.

C. Irrigation Land Application

1. There shall be no runoff of wastewater applied to land by spray irrigation to any surface waters of the state or to any land not owned by or under control of the Permittee.
2. The Permittee shall use recognized good practices, and all available and reasonable procedures to control odors from the land application system. When notified by the Department, the Permittee shall implement measures to reduce odors to a reasonable minimum.

3. The wastewater shall not be applied to the irrigation lands in quantities that:
 - a. Significantly reduce or destroy the long-term infiltration rate of the soil.
 - b. Would cause long-term anaerobic conditions in the soil.
 - c. Would cause ponding of wastewater and produce objectionable odors or support insects or vectors.
 - d. Would cause leaching losses of constituents of concern beyond the treatment zone or in excess of the approved design. Constituents of concern are constituents in the wastewater, partial decomposition products, or soil constituents that would alter ground water quality in amounts that would affect current and future beneficial uses.
4. The Permittee shall maintain all irrigation agreements for lands not owned for the duration of the permit cycle. Any reduction in irrigation lands by termination of any irrigation agreements may result in permit modification or revocation. The Permittee shall immediately inform the Department in writing of any proposed changes to existing agreements.

D. Best Management Practices\Pollution Prevention Program

1. A viable and healthy cover crop shall be maintained on all fields that receive wastewater.
2. Use supplemental water or precipitation to meet the leaching requirement to control soil salinity.
3. Adjust irrigation plans during high precipitation events to minimize percolate losses.

S6. PROCESS RESIDUAL WASTE DISPOSAL PLAN

A. Process Residual Waste Plan

No later than December 1, 2007, the Permittee shall submit a process residual waste plan to the Department for review and acceptance. This plan shall include all solid wastes with the exception of those solid wastes regulated by Chapter 173-303 WAC (Dangerous Waste Regulations).

The plan shall include all information that is contained in the solid waste plan Focus Sheet that is attached to the Fact Sheet for this permit.

Any proposed revision or modification of the plan must be submitted to the Department for review and acceptance. The Permittee shall comply with the plan and any modifications thereof.

B. Process Residual Waste Handling

The Permittee shall handle and dispose of all process residual waste material in such a manner as to prevent its entry into state ground or surface water.

C. Leachate

The Permittee shall not allow leachate from its process residual waste material to enter state waters without providing all known, available and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

S7. IRRIGATION AND CROP MANAGEMENT PLAN

An Irrigation and Crop Management Plan shall be submitted annually by April 15th for Department review. The plan shall generally conform to *Guidelines for Preparation of Engineering Reports for Industrial Wastewater Land Application Systems*, Ecology 1993. The plan must be prepared by a soil scientist. The plan shall include the following elements:

A. Annual Summary of Farm Operations for Previous Year

This summary shall include:

1. For each crop grown, the total acreage and quantity harvested.
2. Calculated balances for nitrogen, salts, BOD, or other design limiting parameters for each field. The calculations shall include:
 - a. Crop consumptive use;
 - b. Contributions from the process wastewater, supplemental water, and commercial fertilizers.

The total nitrogen, salt, and BOD load to each field shall be compared to the estimated values presented in the previous year's Irrigation and Crop Plan, and to the design values given in Section S4.

3. Calculated water balance. The calculations shall include:
 - a. Irrigation system efficiency and application uniformity.
 - b. The quantity of supplemental irrigation water and process wastewater applied.
 - c. Crop consumptive use, water stored in the soil profile outside the normal growing season and salt leaching requirements.
 - d. An estimation of the leaching fraction from each field.

The hydraulic load to each field shall be compared to the estimated values presented in the previous year's Irrigation and Crop Plan.

The leaching fraction for each field shall be compared to the estimated values presented in the previous year's Irrigation and Crop Plan and the design values given in Section S4.

4. Soil testing results. A summary of the soil testing results shall be submitted and discussed as part of the annual Irrigation and Crop Management Plan.

In addition, a continuous five year trend analysis will be reported for the end-of-crop year nitrate and conductivity at each sample depth for each field. The trend will start with the 2003 values.

5. Crop testing results. A summary of the crop testing results shall be submitted and discussed as part of the annual Irrigation and Crop Management Plan.
6. A comparison of the monthly nitrate and TDS values measured at CF-2 and CF-3 to the enforcement limits of 7.15 mg/L and 480 mg/L, respectively.

A best fit linear trend line will also be determined for the nitrate and TDS data values at CF-2.

B. Cropping Schedule for Upcoming Year

This schedule shall include:

1. Crop Management. The proposed acreage for each crop, cultivation and harvesting requirements, expected crop yields, and methods for establishing a crop.

- a. Estimates will be made for the water, nitrogen, BOD, and salt loading for each field based on the proposed crop rotation, and the soil trend analysis results. These estimated values will be used for comparison with actual values in the subsequent plan report.
2. Irrigation Management. The frequency and timing of wastewater and supplemental irrigation water application (including harvest and non-harvest periods), and recommended rest cycles for wastewater application where organic or hydraulic loading is a concern.
 - a. Estimates will be made for the amount of water leached from each field.
 - b. The discussion of the proposed irrigation plan shall include an estimation of any planned leaching to control soil salinity (i.e., leaching requirement).

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
 - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

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

G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or private, for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G6. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G7. DUTY TO REAPPLY

The Permittee must apply for permit renewal at least 180 days prior to the specified expiration date of this permit.

G8. PERMIT TRANSFER

This permit is automatically transferred to a new owner or operator if:

- A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to the Department;
- B. A copy of the permit is provided to the new owner and;
- C. The Department does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to section A. above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by the Department.

G9. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G10. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.