

4/26/1968

**OREGON STATE SANITARY
AUTHORITY MEETING
MATERIALS**



**State of Oregon
Department of
Environmental
Quality**

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AGENDA

State Sanitary Authority Meeting

10:00 a.m., April 26, 1968

Room 36, State Office Building, Portland

- A. Minutes - 125th Meeting, March 29, 1968
- B. Project Plans - March 1968
- C. Tax Credit Applications
 - 1) Publishers Paper Company, Oregon City - T- 4
 - 2) Western Kraft Corporation, Albany - T- 8
 - 3) Western Kraft Corporation, Albany - T- 9
 - 4) Western Kraft Corporation, Albany - T-10
 - 5) Western Kraft Corporation, Albany - T-11
 - 6) Western Kraft Corporation, Albany - T-12
 - 7) Weyerhaeuser Company, Springfield - T-19
- D. Temporary Waste Discharge Permits
- E. Waste Discharge Permits - New Installations
 - 1) TAHO Development Company (Neskowin Inn)
 - 2) Holly Hills, Inc. (Golden Door Motel, Wilsonville)
- F. Waste Discharge Permits - Willamette Basin
 - 1) Salem
 - 2) Corvallis
 - 3) Oak Lodge Sanitary District
 - 4) Amity
 - 5) Pleasant Valley School
 - 6) Willamette Lutheran Homes
 - 7) Lane County Parks Department - Baker Bay
 - 8) Lane County Parks Department - Camp Lane
 - 9) Lane County Parks Department - Lowell
 - 10) Fir Cove Sanitation Corporation
- G. Waste Discharge Permits - Tualatin Basin
 - 1) Beaverton
 - 2) Forest Grove
 - 3) Laurelwood
 - 4) Multnomah County (Fanno Creek)
 - 5) Tigard (Pinebrook)
- H. Waste Discharge Permits - Eastern Oregon
 - 1) Baker
 - 2) Boardman
 - 3) Elgin
 - 4) Heppner
 - 5) Ontario
 - 6) Prineville
- I. Waste Discharge Permits - Miscellaneous Basins
 - 1) Vernonia
 - 2) Rainier
 - 3) Cannon Beach

I. Waste Discharge Permits - Miscellaneous Basins (continued)

- 4) Tillamook
- 5) Newport
- 6) North Roseburg Sanitary District
- 7) Roseburg
- 8) Talent
- 9) Josephine County School District

J. Waste Discharge Permits - Industrial

- 1) Amalgamated Sugar Company
- 2) Boise Cascade Corporation, Medford
- 3) Brawand Custom Meats
- 4) Cascade Eggs, Inc.
- 5) Kummer Meat Company, Inc., Hillsboro
- 6) Lininger & Sons, Medford
- 7) Sheridan Pressure Treated Lumber, Inc.
- 8) Willamette-Western Corporation (Ivon)
- 9) Willamette-Western Corporation (River)

K. Proposed Tertiary Waste Treatment Plant for City of Tualatin

L. Status Report - Legal Action Filed Against the State Sanitary Authority, and American Can Company (Halsey)

M. Status Report - Pollution of the Sandy River near Troutdale

N. State Grant for Mid-Willamette Valley Regional Program

O. National Air Sampling Network Assistance Certificate

P. Resolution by Jackson County Chapter of Izaak Walton League of America

Q. Port of Portland - Houseboat Moorage

MINUTES OF THE 126th MEETING
of the
Oregon State Sanitary Authority

The 126th meeting of the Oregon State Sanitary Authority was called to order by the Chairman at 10:07 a.m., April 26, 1968, in Room 36, State Office Building, Portland, Oregon. Members present were John D. Mosser, Chairman; B.A. McPhillips, Edward C. Harms, Jr., Herman P. Meierjorgen and Storrs Waterman.

Participating staff members present were: Kenneth H. Spies, Secretary; Arnold Silver, Legal Counsel; Ely J. Weathersbee, Deputy State Sanitary Engineer; Harold M. Patterson, Assistant Chief Engineer; Fred M. Bolton and Harold W. Merryman, District Engineers; Patrick D. Curran, Senior Sanitary Engineer; Edgar R. Lynd, Supervisor, Municipal Waste Treatment Program; Lloyd O. Cox, Supervisor, Industrial Waste Control Program; Harold L. Sawyer, Supervisor, Waste Discharge Permit Program; and Fred Katzel and Richard Reiter, Associate Sanitary Engineers.

MINUTES

It was MOVED by Mr. McPhillips, seconded by Storrs Waterman and carried that the minutes of the March 29 meeting be approved as prepared.

PROJECT PLANS

It was MOVED by Mr. McPhillips, seconded by Mr. Waterman, and carried that the actions taken by the staff on the following 24 sets of project plans and reports for water pollution control and 5 projects for air quality control for the month of March, 1968, be approved:

Water Pollution Control

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
3/6/68	E. Salem Sewer & Dev. Dist. #1	Oak Park Subd. Sewers	Prov. app.
3/7/68	Springfield	Lots 69,70,71 Adams Plat	Prov. app.
3/7/68	Chatnicka Hts.	Holding pond - addition to existing plant	Prov. app.
3/11/68	Lake Oswego	Mountain Park Sewers	Prov. app.
3/11/68	Roseburg	Overlook Lane Sewers	Prov. app.
3/11/68	Lincoln Co.	Prelim. plan for Pixieland sewage treatment plant	Prov. app.

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
3/12/68	Canby	N. Amrine Rd. Sewers	Prov. app.
3/14/68	Gladstone	Stonybrook Subd. sewers	Prov. app.
3/19/68	Beaverton	Sewers-S.P. property north of Allen Avenue	Prov. app.
3/20/68	Multnomah Co.	Columbia South Shore Area Report	Recommendations submitted
3/21/68	Aloha San. Dist.	Butternut Park Subd.	Prov. app.
3/21/68	Pendleton	Broadway Finance property sewer	Prov. app.
3/21/68	Cedar Hills	"C" Area Sewers	Prov. app.
3/21/68	Raleighwood San. Dist.	Berkshire #4 Sewers Raleigh West San. Sewer	Prov. app.
3/25/68	Oak Lodge San. Dist. #1	Ext. B-8, B-8-6, G-1-2, B-1-1	Prov. app.
3/25/68	North Bend	Oak St. Sewer & Improvement District #102-67-A	Prov. app.
3/25/68	West Slope SD	Malcolm Glenn Lat. L-1	Prov. app.
3/25/68	Springfield	4th Add. to Rambling Acres	Prov. app.
3/26/68	Beaverton	Holle Ridge Sewers	Prov. app.
3/26/68	Neskowin	Lagoon - Tahoe Development Co. 1 acre-discharge to Neskowin Creek	Prov. app.
3/28/68	West Linn	Report on relocation of sewers	Approved
3/29/68	Bend	Engineering Report-Sewage Collection & Treatment	Approved w/ comments
3/29/68	Garibaldi	Engineering Report	Approved w/ comments
3/29/68	Bend	N. Pilot Butte First Addn.	Prov. app.

Air Quality Control

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
3/29/68	Eugene	T-13, Rosboro Lumber Co. Tax Relief Application for determination of hogger installation, \$36,877.33	Not app.
3/29/68	Springfield	T-17, Weyerhaeuser Company, collection and scrubber equipment for vapors from evaporator hot well, \$10,991.00	Approved
3/29/68	Springfield	T-18, Surface condensers, ejectors, hot wells, and scrubber on Nos. 1, 2 and 3 multiple effect evaporator sets, \$18,630	Approved
3/29/68	Ashland	Ashland Senior High School Incinerator	Add. inf. req.
3/29/68	Oswego	McEwen Elementary School Incinerator	Add. inf. req.

EAST CENTRAL MULTNOMAH COUNTY PROJECT

The Chairman reported that although for awhile it appeared that over \$1 million in federal grants might be lost, the city of Portland and Multnomah County finally reached a joint agreement for financing and constructing the East Central Multnomah County sewerage works project. Each has enacted ordinances and they are entering into an agreement to construct the Central East Multnomah County treatment plant under a 20-year mutual agreement as far as financing is concerned. The Chairman took the opportunity to praise the city and county for their cooperation and also Mr. Chandler and CRAG for working diligently to get this financing problem solved.

TAX CREDIT APPLICATIONS

Mr. Harold Sawyer presented memorandum reports dated April 26, 1968, regarding the following seven tax credit applications. These reports have been made a part of the Authority's permanent files in this matter. After reviewing the same, the members took the actions as indicated below regarding them:

- (1) T-4 Publishers Paper Company, Oregon City Division, Oregon City
(Effluent collection system, pump stations, clarifier and solids disposal systems)

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that Publishers Paper Company be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$1,302,971.

- (2) T-8 Western Kraft Corporation, Albany Mill Division, Albany (Mill effluent filter beds)

Mr. McPhillips raised a question regarding the possibility of seepage contamination of any wells or water supplies in the area. Mr. Felix Hammack, Resident Manager of the Albany Mill, replied that the only wells in the area are those drilled by the company to use for charting the migration of the effluent in the ground. He said that as of last year they had detected only a few feet of lateral migration.

Mr. Mosser pointed out that it was his interpretation that if this facility were replaced by permanent facilities or became plugged, or for any reason were taken out of service, that would end the tax credit on this facility because it is only while it is operating that the credit is available.

It was MOVED by Mr. Waterman, seconded by Mr. McPhillips, and carried that the Western Kraft Corporation be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$95,913.66.

- (3) T-9 Western Kraft Corporation, Albany Mill Division, Albany (Liquor and stack salvage systems and effluent conductivity monitor system)

It was MOVED by Mr. Harms, seconded by Mr. McPhillips, and carried that the Western Kraft Corporation be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$15,032.23.

- (4) T-10 Western Kraft Corporation, Albany Mill Division, Albany (No. 3 oxidation tower)

It was MOVED by Mr. Harms, seconded by Mr. McPhillips, and carried that Western Kraft Corporation be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$55,591.87.

- (5) T-11 Western Kraft Corporation, Albany Mill Division, Albany (Oxygen and combustible monitors for No. 1 and No. 2 recovery furnaces)

It was MOVED by Mr. Harms, seconded by Mr. Waterman, and carried that Western Kraft Corporation be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$6,516.92.

- (6) T-12 Western Kraft Corporation, Albany Mill Division, Albany (Gas chromatograph)

Mr. McPhillips asked whether this instrument was as sensitive as the human nose in detecting odorous emissions.

Mr. Patterson indicated that this instrument was one of those which approaches the sensitivity of the human nose.

It was MOVED by Mr. Harms, seconded by Mr. McPhillips, and carried that Western Kraft Corporation be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$2,979.62.

- (7) T-19 Weyerhaeuser Company, Paperboard and Packaging Group, Springfield (Gas chromatograph)

It was MOVED by Mr. McPhillips, seconded by Mr. Waterman, and carried that Weyerhaeuser Company be issued a Pollution Control Facility Certificate bearing the actual cost figure of \$6,849.00.

TEMPORARY WASTE DISCHARGE PERMITS

A memorandum report dated April 26, 1968, regarding the subject "New Applications Received Since the March 29, 1968 Meeting" was presented by Mr. Sawyer. He stated that since the last meeting 9 permit applications

have been received, 1 of which is for a new installation and will be considered for issuance of a regular permit at this meeting.

It was MOVED by Mr. Waterman, seconded by Mr. Harms, and carried that temporary permits to expire on December 31, 1968, be issued to the following 8 applicants: Lincoln County School District - Toledo High School; City of Riddle; City of Myrtle Creek; Wyne Poultry Farm, Brownsville; Road and Driveway Company, Newport; Cloverdale Creamery Association, Cloverdale; Smith's Pacific Shrimp, Garibaldi; and Zip-O-Log Veneer, Eugene.

WASTE DISCHARGE PERMITS FOR NEW INSTALLATIONS

(1) TAHO Development Company (Neskowin Lodge)

A memorandum report dated April 26, 1968, which has been made a part of the Authority's permanent files in this matter and which contains recommended waste discharge permit conditions was presented by Mr. Harold Sawyer. This report stated that plans had been submitted to the Authority for waste disposal facilities to serve the new Neskowin Lodge at Neskowin and that these plans were approved by the staff by letter on March 26, 1968.

The facilities consist of a 2-cell lagoon with total surface area of one acre, a pump station and chlorination facilities. Treated wastes will be discharged to Neskowin Creek.

Mr. Sawyer pointed out that the recommended expiration date of June 30, 1969, was established to allow time for the owner to complete construction of the facilities and to place them in operation and for staff evaluation prior to renewal of the permit.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that a permit containing the conditions recommended by the staff be issued.

Mr. McPhillips stated that it was his understanding that under the conditions of the permit discharge to the waters of Neskowin Creek between November 1 and June 1 was unrestricted. It was pointed out that the conditions require that at all times the facilities be operated at maximum efficiency; however, during the winter months with cooler temperatures, it may not be possible to achieve efficiencies as high as can be reached in the summer period.

Mr. McPhillips also raised a question about condition No. 5 which states that this permit allows the construction of sewer extensions and connections thereto provided the plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary

Authority as required by ORS 449.245 and ORS 449.395. He wanted to know what was intended by including this condition - whether there was a housing development going in or what sewer connections might there be to this facility. It was pointed out by Mr. Katzel that there are two proposed subdivisions in the area. It was also noted that the quantity that can be connected to this facility before expansion of the facilities is required is minimal; however, some additional connections can be allowed.

Mr. McPhillips asked were there any other sewage systems in the Neskowin area.

It was pointed out that no other systems exist; all development is presently on septic tanks.

Mr. McPhillips then asked whether there was any raw sewage going to the waters of Neskowin Creek.

Mr. Katzel pointed out that as far as he knew none was.

Mr. Meierjurgan asked whether the staff had any knowledge of the soil in that area. He wondered whether the facility was located in gravel adjacent to the stream.

Mr. Katzel pointed out that the facility would be located above the old highway at a distance 700 or 800 feet from the creek, and that seepage into the creek bed would not be a problem.

(2) Holly Hills, Inc. (Golden Door Motel, Wilsonville)

A memorandum report dated April 26, 1968, which has been made a part of the Authority's permanent files in this matter and which contains recommended waste discharge permit conditions was presented by Mr. Sawyer. He stated that a treatment plant of a proprietary nature has been installed to serve a motel and restaurant near Wilsonville, that the effluent has been disposed of by land irrigation for some months, but due to lack of suitable area for this purpose, permission has been requested to discharge the effluent to the Willamette River, and that plans and a performance bond of \$9,000 have been posted. He said, however, that it is the desire of the staff to observe further the operation of this plant before considering approval for this location.

The recommended permit conditions state that no waste shall be discharged to the waters of the state without said wastes first receiving treatment adequate to meet the following standards:

- (a) The monthly average effluent BOD concentration shall not exceed 30 milligrams per liter.
- (b) The monthly average effluent suspended solids concentration shall not exceed 30 milligrams per liter.
- (c) At all times the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge.

The recommended permit conditions also limit the flow through the existing facilities to the design flow of 0.012 mgd, and restrict the addition of any new source of waste without prior written approval from the Sanitary Authority.

It was pointed out that the expiration date has been set for September 30, 1968, to allow the staff time to further evaluate this facility.

It was MOVED by Mr. McPhillips, seconded by Mr. Waterman and carried that the recommended permit be issued with the expiration date being September 30, 1968.

(3) Oregon Trail Company (Pixieland)

A memorandum report dated April 26, 1968, which has been made a part of the permanent files in this matter and which contains recommended waste discharge permit conditions was presented by Mr. Sawyer. He stated that the Oregon Trail Company is presently developing a recreational park approximately 5 miles north of Lincoln City. Final plans for waste collection and treatment facilities have been submitted to the Sanitary Authority for review and approval. The facilities consist of a gravity collection system, pump station, extended aeration treatment plant and an outfall line to the Salmon River. The staff is reviewing the plans at this time.

The recommended waste discharge permit conditions require the facilities to be operated at maximum efficiency at all times and that the BOD and suspended solids concentrations in the effluent not exceed 30 m/l. The conditions also call for adequate disinfection at all times.

It was MOVED by Mr. Harms, seconded by Mr. Waterman, and carried that a permit containing the recommended conditions be issued to the Oregon Trail Company.

WILLAMETTE BASIN REPORT

Mr. Weathersbee briefly reviewed information previously forwarded to the Sanitary Authority members regarding the basis for permit restrictions for Willamette basin cities. He pointed out that on June 1, 1967, the

Sanitary Authority had adopted water quality standards for the main stem of the Willamette River. He presented a graph with dissolved oxygen levels and waste loads plotted on a river mile scale. This graph showed a comparison between the established dissolved oxygen standards for the main stem of the Willamette River and the actual values observed during the month of August 1967. The significant points were as follows:

- (1) The dissolved oxygen levels were higher than the established standard at all times above the city of Corvallis.
- (2) Between Albany and Salem the dissolved oxygen levels were below the established standard in nearly all samples.
- (3) Between Salem and Oregon City the dissolved oxygen level was greater than or equal to the standard on the average with minimum values falling below the standard.
- (4) Dissolved oxygen levels were below the established standard in the lower Portland harbor.

A bar graph representing the major waste loads discharged to the river was also shown. These loads were from the city of Springfield, city of Eugene, Evans Products Company, city of Corvallis, city of Albany, Western Kraft Pulp and Paper Company, Boise Cascade Pulp and Paper Company, city of Salem, city of Newberg, Publishers Pulp and Paper Company at Newberg, Crown Zellerbach Pulp and Paper Corporation at West Linn, Publishers Pulp and Paper Company at Oregon City and the Portland harbor load.

Mr. Weathersbee pointed out that programs are under way to reduce the magnitude of the loads discharged at all the pulp and paper mills, Evans Products Company and the city of Albany.

He then presented a second curve plotting the same data, dissolved oxygen and waste discharge loads, on a flow-time scale; the flow time being measured in days from Multnomah Channel. This graph presented an entirely different picture. It indicated that the major loads are concentrated in the upper reaches of the river when viewed on a flow-time basis, and showed that the loads from Springfield reach Newberg in about three days, those from Albany reach Newberg in about two days and those from Salem reach Newberg in one day. It takes these waste loads another seven days to flow from Newberg to the Multnomah Channel. These wastes remain in the river to exert their oxygen demand during this period. In essence the loads discharged in the upper river are rapidly transported to the lower river where they exert their oxygen demand.

A table was then presented to show the major municipal loads discharged to the Willamette River. These are Eugene, Corvallis, Albany and Salem. For each of these cities, the values shown were 1966 population, sewage treatment plant design capacity in population equivalent units (broken down into domestic and industrial waste components), connected load during the peak period in 1967 in population equivalent units, recommended waste discharge permit limitations in population equivalent units, ratio of discharge allowed by permit (expressed in P.E. units) to the 1966 population and the percentage of design capacity of facilities utilized. The data indicated that 15% of the designed capacity of the Salem treatment facilities is intended for domestic load with 85% being for industrial wastes. The data clearly indicated that the treatment facilities in these cities are rapidly becoming industrial waste treatment complexes. The figures also indicated that 73% of the designed capacity of the Salem facilities was utilized in 1967. The values for Eugene, Corvallis and Albany were 60%, 49% and 530% respectively. The city of Albany is presently constructing facilities to remedy this overloaded situation. The assigned waste discharge permit limitations on a population equivalent per capita basis range from 0.99 for Salem to a low of 0.66 for Eugene. This means that the allowed discharge load, based on oxygen demand, from the city of Salem under the recommended permit will be equivalent to discharging the wastes from the population of the city without treatment. Mr. Weathersbee also pointed out that the Albany plant which is presently under construction is designed to serve a population equivalent of 232,200 and that the connected peak load during 1967 was 207,000. This indicates that the improved plant will be loaded very nearly to its design capacity when it is completed and placed in operation.

A final graph was presented which showed the total raw waste load generated and the component discharged, the industrial raw load generated and the component discharged and the municipal raw load generated and component discharged for the years 1957, 1967 and projected data for 1972. He pointed out that the total raw load is not expected to increase too much due to the pending closure of the Crown Zellerbach sulphite pulping operation at Oregon City. He further pointed out that a 90% reduction overall will be required to meet the established water quality standards

and that the present program of the Sanitary Authority is set up to achieve 92% reduction of industrial loads and 85% of municipal waste loads based on the domestic sewage component only. That portion of the total municipal load which is industrial will have to be treated to reductions in the 90% bracket if standards are to be met.

The Chairman remarked that the presentation given by Mr. Weathersbee was very helpful. He commented that we are constantly concentrating on dissolved oxygen for very good reasons, but that similar presentations regarding bacterial levels, suspended solids levels, bottom deposits, etc. would be very helpful in providing a clearer picture of where we are headed and where the problem areas are.

WASTE DISCHARGE PERMITS - WILLAMETTE BASIN

Memorandum reports dated April 26, 1968, covering recommended waste discharge permit conditions for the following 10 applicants were given by Mr. Sawyer. These reports have been made a part of the Authority's permanent files in this matter.

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|--------------------------------|--|
| 1) Salem | 6) Willamette Lutheran Homes |
| 2) Corvallis | 7) Lane County Parks Dept. - Baker Bay |
| 3) Oak Lodge Sanitary District | 8) Lane County Parks Dept. - Camp Lane |
| 4) Amity | 9) Lane County Parks Dept. - Lowell |
| 5) Pleasant Valley School | 10) Fir Cove Sanitation Corporation |

In discussion Mr. Harms asked whether anyone from Salem or the League of Oregon Cities was present. No representatives were present.

The Chairman pointed out that he had met with some of the mayors shortly after the last Sanitary Authority meeting. He stated that part of their attitude is explained by lack of understanding. Part of it is just the cost problems that they face in meeting the standards and part of it is not yet being convinced the people want clean rivers. So far as the misunderstanding is concerned, he stated he thought what they are afraid of is that the Sanitary Authority is making it very tough for them to attract industry but that industry would be able to go outside the city boundaries and come out better. They wondered what would be required if a new pulp mill wanted to locate in Corvallis or Albany instead of outside where they would have to provide their own waste treatment. He said that when he pointed out to them that the Authority was requiring something like 92 to 95% treatment for the new Halsey pulp plant, compared

to only 85% for the cities, they began to get the picture - that it is really tougher on industry as a separate entity. He pointed out that what we are starting to do is apply that same standard to industry within the city.

The Chairman went on to say that part of the cities' concern, of course, is their cost problem. They are worried about the fact that if they build a plant with certain design capacity now, it begins to get obsolete too fast. Basically, looking ahead, they can see if we are going to get the river cleaned up and then hold it there, we are going to have to move from 85% to higher degrees of treatment.

Mr. Harms commented that he felt that the Chairman's meeting with the mayors was very helpful.

The Chairman stated that there are some real problems to be solved and that the permits will give more accurate information to work with. He stated that every time a new use comes into the area we cannot go back to everyone who already has a permit and ask them to tighten up one notch, but instead we are going to have to project probable increases and set our standards high enough so that we can accommodate a reasonable growth for a period of 5 or 10 years so that people can build plants and not have to count on remodeling them the next day. He said this will take some careful forecasting on the part of the Authority.

The Chairman asked how close the Oak Lodge Treatment plant is to capacity.

Mr. Lynd pointed out the plant was right at capacity in terms of population equivalent.

The Chairman inquired as to the reason for the condition allowing additional connections to the system if they were near capacity, particularly when the permit does not call for a program or study for increasing the capacity.

Mr. Lynd pointed out that the expiration date was a relatively short time off to allow re-evaluation of their progress, and also that they have employed an engineer to study the possibilities of either phasing out the plant and going with Clackamas County, or enlarging it.

It was MOVED by Mr. Harms, seconded by Mr. Mosser and carried that the expiration date of the Willamette Lutheran Homes permit be changed to December 31, 1968.

Mr. Waterman asked when an area-wide system would be available to serve the Fir Cove installation.

Mr. Merryman pointed out there has been an area survey prepared by the engineering firm of CH₂M regarding the extension of sewer service to this area. The results of this study are being evaluated by Lane County Planning people at this time.

Mr. Harms pointed out that the area would be served either by the city of Eugene or a Lane County Service District.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the ten recommended permits be granted as amended.

WASTE DISCHARGE PERMITS - TUALATIN BASIN

Memorandum reports dated April 26, 1968, covering recommended waste discharge permit conditions for the following five applicants located in the Tualatin basin were given by Mr. Sawyer. These reports have been made a part of the Authority's permanent files in this matter.

- | | |
|-----------------------|-----------------------------------|
| 1) Beaverton | 4) Multnomah County (Fanno Creek) |
| 2) Forest Grove | 5) Tigard (Pinebrook) |
| 3) Laurelwood Academy | |

The Chairman inquired as to when the study of the Tualatin basin would be completed.

Mr. Curran pointed out that this study should be done sometime around the first of 1969.

The Chairman questioned the expiration date of some of the permits, pointing out that it may be desirable after reviewing the master plan for the basin to place a condition in these permits that the permittee adopt the plan by a certain date.

It was MOVED by Mr. Harms, seconded by Mr. Meierjurgan, and carried that the expiration dates for the permits for Beaverton, Forest Grove and Laurelwood Academy be changed to March 31, 1969.

The Chairman also expressed the desire that the expiration date for all future permits for the Tualatin basin be set so as to expire on or before March 31, 1969.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that these five recommended permits be granted as amended.

WASTE DISCHARGE PERMITS - EASTERN OREGON

Memorandum reports dated April 26, 1968, covering recommended waste discharge permit conditions for the following six applicants were given by Mr. Sawyer. These reports have been made a part of the Authority's permanent files in this matter.

- | | |
|-------------|---------------|
| 1) Baker | 4) Heppner |
| 2) Boardman | 5) Ontario |
| 3) Elgin | 6) Prineville |

After some discussion, it was MOVED by Mr. Harms, seconded by Mr. McPhillips, and carried that the permits for these six applicants be granted as recommended.

DATE FOR NEXT MEETING

The Chairman pointed out that it might be desirable in the near future to have a meeting with the staff to discuss legislation, budget needs, program needs, etc. He felt this meeting should be in addition to the regularly scheduled meeting for handling permits.

It was decided to move the regular meeting from the 31st of May to the 24th of May and schedule a conference with the staff for the 23rd of May.

At this point in the meeting the Secretary was excused to attend a meeting of the State Emergency Board in Salem.

WASTE DISCHARGE PERMITS - MISCELLANEOUS BASINS

Memorandum reports dated April 26, 1968, covering recommended waste discharge permit conditions for the following nine applicants were given by Mr. Sawyer. These reports have been made a part of the Authority's permanent files in this matter.

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|-----------------|-------------------------------------|
| 1) Vernonia | 6) North Roseburg Sanitary District |
| 2) Rainier | 7) Roseburg |
| 3) Cannon Beach | 8) Talent |
| 4) Tillamook | 9) Josephine County School District |
| 5) Newport | |

The Chairman pointed out that Rainier and other cities in similar conditions should be notified that if they wait until 1970 to get their plans under way, as called for in the permit, and file a federal grant application, they may not get a grant by the time the plant has to be completed in 1972. He pointed out that it is in their best interest to get their plans done as soon as possible in order to be in a favorable position for obtaining grants.

The city of Tillamook, by letter, had submitted a schedule proposing completion of its needed facilities by mid-summer 1969, rather than by September 30, 1968, as recommended in the permit. It was pointed out that the city was informed of the September deadline sometime around December 1966. Representatives of the city were not present.

Mr. Harms pointed out that it did not appear to be possible to improve much on the schedule submitted by the city.

The Chairman agreed but pointed out that it might be desirable in redesigning a point system for allocating federal grants to give demerits for failure to comply with an established schedule, thereby dropping them to the bottom of the list. He commented that in his opinion one of the toughest jobs in the future will be the grants and grant administration, and that the priority point system should be revised to consider among other things how much the applicant had received in grants in the past, how much local effort they had made and even whether or not they comply with schedules.

It was MOVED by Mr. Harms, seconded by Mr. Mosser, and carried that the time schedule submitted by the city of Tillamook be incorporated into condition No. 1 of their permit, but with the specific dates added as follows:

1. Retain consulting engineer to prepare final plans and specifications May 1, 1968.
2. Submit P.L. 660 Application - June 15, 1968.
3. Complete final plans and specifications - October 1, 1968.
4. Present necessary bond issue to voters - December 1, 1968.
5. Award construction contract - March 15, 1969.
6. Complete construction by July 1, 1969.

It was MOVED by Mr. Mosser, seconded by Mr. Waterman, and carried that the expiration date of the Newport permit be changed to March 31, 1970.

It was MOVED by Mr. Harms, seconded by Mr. McPhillips, and carried that these nine recommended permits be approved as amended.

PROPOSED TERTIARY WASTE TREATMENT PLANT FOR THE CITY OF TUALATIN

A memorandum report prepared by Joseph A. Jensen, Chief, Water Pollution Control Program, regarding a proposed tertiary waste treatment plant for the city of Tualatin was reviewed by the members.

Mr. Harms pointed out that he noted the recommendations of the staff were that the application be granted Sanitary Authority approval subject to the submission and approval of complete final plans and specifications for the treatment plant, construction of a lateral sewage collection system for the city and issuance of a waste discharge permit.

It was MOVED by Mr. Harms, seconded by Mr. Meierjurgen, and carried that the staff recommendations be adopted.

STATUS REPORT - LEGAL ACTION FILED AGAINST THE STATE SANITARY AUTHORITY AND AMERICAN CAN COMPANY (Halsey)

Mr. Silver reported that the Circuit Court of Lane County had sustained the Authority's motion to quash service of process upon the Sanitary Authority and the American Can Company, and therefore the present status is as if no legal action had been filed at all.

Mr. Harms asked if the Authority had been served again and Mr. Silver replied that it had not.

The Chairman said the complainants would have to have another meeting before taking further legal action.

The meeting was recessed at 12:00 noon and reconvened at 1:15 p.m.

WASTE DISCHARGE PERMITS - INDUSTRIAL

Memorandum reports dated April 26, 1968, covering recommended waste discharge permit conditions for the following nine applicants were given by Mr. Lloyd Cox. These reports have been made a part of the Authority's permanent files in this matter.

- | | |
|---------------------------------------|---|
| 1) Amalgamated Sugar Co. | 6) Lininger & Sons, Medford |
| 2) Boise Cascade Corporation, Medford | 7) Sheridan Pressure Treated Lumber, Inc. |
| 3) Brawand Custom Meats | 8) Willamette-Western Corp. (Ivon) |
| 4) Cascade Eggs, Inc. | 9) Willamette-Western Corp. (River) |
| 5) Kummer Meat Co., Inc., Hillsboro | |

Mr. Cox pointed out that during the last operating season the Amalgamated Sugar Company installed a closed system for the flume waters which carried beets into the plant. This step resulted in approximately 60 to 70% reduction in BOD discharged and a 95%+ reduction in suspended solids. It was

the opinion of the staff that further waste load reductions can be accomplished by in-plant controls. The waste presently discharged consists largely of cooling water, contaminated with spillage from the flume system and other sources. Mr. Cox reported that the BOD discharged was approximately 25,000 lbs/day. Suspended solids in the effluent is approximately 11,000 lbs/day, pH 8.8 and a temperature of approximately 40° C. (approximately 100° F.)

Mr. Bolton pointed out that the company's operating season is from October 1 to March 1. He said that approximately 3 years ago the company connected their domestic sewage to the Nyssa sewage treatment plant. He further stated that they now have controlled their waste streams through in-plant methods to the point where they can be treated and that further evaluation is needed to determine what steps to take next. For this reason the permit was written to require extensive monitoring and continuance of a program to further reduce the discharges by in-plant controls. Also, during this period the staff will plan to monitor the water quality in the river to assist in determining what additional treatment will be required. Mr. Bolton stated further that the company has cooperated very well with the staff in recent years.

Mr. Patterson pointed out that the major problem during the time he was district engineer in the Pendleton district, resulted from the aesthetics of the solids deposit at their discharge point in the river and the steam rising from the water. He also indicated that it was difficult to monitor any effect of the wastes on the water quality down stream due to the low temperatures, DO saturation, etc.

The Chairman asked whether the full 17 million gallons per day of waste discharge had a temperature of approximately 100° F.

Mr. Bolton answered that there are three separate discharges totaling approximately 14 MGD at present, two of which are predominantly cooling water. The temperature of the third stream which makes up less than half the waste flow is approximately 50° F.

It was MOVED by Mr. Mosser, seconded by Mr. Waterman, and carried that the expiration date on the recommended permit for Brawand Custom Meats be changed to March 31, 1973.

It was MOVED by Mr. Meierjorgen, seconded by Mr. McPhillips, and carried that these 9 recommended permits be approved as amended.

STATUS REPORT - POLLUTION OF THE SANDY RIVER NEAR TROUTDALE

Mr. Silver presented a status report on the matter regarding the pollution of the Sandy River near Troutdale.

He stated that on April 16 a hearing was held under the direction of Marion B. Lamb, hearings officer, regarding the pollution of the Sandy River near Troutdale. Mr. Silver stated that the hearings officer has informed him that the Sanitary Authority carried its burden of proof in the matter and established the existence of pollution. Mr. Silver is now waiting for a copy of the transcript. The order proposed by him will be presented to the Sanitary Authority for final action. He said that two of the individuals who were allegedly contributing to the pollution of the stream installed a septic tank and drainfield in February but did not notify the Authority about it.

STATE GRANT FOR MID-WILLAMETTE VALLEY REGIONAL PROGRAM

A memorandum report dated April 26, 1968, was presented by Mr. Patterson. This report has been made a part of the Authority's permanent files in this matter.

Mr. Patterson reported that the staff had received and reviewed the Federal Clean Air grant application of the Mid-Willamette Valley Regional Air Pollution Authority for the period July 1, 1968 to June 30, 1969. The application includes the request for state matching funds in the amount of \$9,024.00. He pointed out that the state matching funds provided by the Legislature for the biennium to support local and regional air quality programs amounts to \$90,680 after cuts. To date \$48,306 have been allocated.

It was MOVED by Mr. Harms, seconded by Mr. Waterman, and carried that monies be allocated to the Mid-Willamette Valley Air Pollution Authority for the period July 1, 1968 to June 30, 1969 in the amount of \$9,024.00 in accordance with Oregon Laws 1967, Chapter 425.

The Chairman expressed the attitude that the staff should carefully review these applications and point out any significant items of interest to the board before action is taken. He specifically mentioned such items

as buying equipment where the service could be provided better through the State Laboratory or a joint program, or if the regional program salaries are getting too far out of line with state salaries, or items of this type.

Mr. Patterson reported that so far the regional authorities have been cooperating closely with the state on such items as budgeting, salaries, etc.

Mr. Patterson pointed out that since no guideline presently exists, the staff has simply been trying to use their best judgment in reviewing these applications.

The Chairman stated that he thought that was the soundest thing to do. He further stated that he thought the staff should be thinking about where it could cooperatively do laboratory work for all the regions in the state on single equipment or man basis, maybe joint recruiting programs when it comes to staff and certainly some parity between salaries so that the different programs are not raiding each other.

NATIONAL AIR SAMPLING NETWORK ASSISTANCE CERTIFICATE

Mr. Weathersbee reported that the staff is the recipient for the state of Oregon of a certificate of appreciation for valuable assistance in gathering basic information on air pollution through participation in the National Air Sampling Network. He stated that this has been going on for 8 or 10 years. He said most of the work is being done by Robert Percy of the air quality section and his assistants and George Toombs of the Radiological Environmental Program. It was signed by John Gardner, Secretary, William H. Stewart, M.D., Surgeon General and Vern McKenzie, Chief, Division of Air Pollution.

RESOLUTION BY JACKSON COUNTY CHAPTER OF IZAAK WALTON LEAGUE OF AMERICA

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that this resolution be filed.

OTHER BUSINESS

In closing discussions the Chairman asked whether or not a date had been set for the asphalt hearings. Mr. Silver reported that we are still drafting the regulations and a hearing date has not been set. He felt that the hearing on the asphalt plant regulations could be scheduled sometime near the first of June.

Mr. Silver also reported that there will be a hearing before a hearings officer regarding meat rendering plant regulations on May 6.

Mr. McPhillips asked what the status of Mr. Bunn's situation at Grand Ronde was at this time.

Mr. Katzel reported that Mr. Bunn had successfully diverted waste flows from the river on this date. He said the wastes are no longer going to Rock Creek, but instead are going to a septic tank drainfield system. A contempt of court hearing proceedings was held on April 15 and Mr. Bunn was given essentially a week and a half to complete the work.

Mr. Waterman asked how many permits have been issued so far out of the 609 applications submitted.

Mr. Sawyer reported that prior to this meeting 83 permits had been issued.

Mr. Waterman stated that he thought progress was really being made. The Chairman indicated that if necessary an extra meeting could be held at any time to act on permits if it is required.

The Authority members expressed the desire to make the May 23 conference with the staff an afternoon session with further discussions in the evening if necessary. The regular public meeting on the 24th was set for 9:30 a.m.

There being no further business, the meeting was adjourned at 1:55 p.m.

The next meeting is scheduled for Friday, May 24, 1968, beginning at 9:30 a.m. in the Auditorium of the Public Service Building, Portland.

Respectfully submitted,

Kenneth H. Spies
Kenneth H. Spies, Secretary

RECEIVED

JUN - 4 1968

Air Pollution

AQC MOTIONS

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the recommendation of the staff be approved that monies be allocated to the Mid-Willamette Valley Air Pollution Authority for the period July 1, 1968 to June 30, 1969 in the amount of \$9,024, in accordance with Oregon Laws 1967, Chapter 425.

The following 24 sets of project plans and reports were reviewed and the action taken as indicated by the Water Pollution Control Section for the month of March 1968:

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
3/6/68	E. Salem Sewer & Dev. Dist. #1	Oak Park Subd. Sewers	Prov. app.
3/7/68	Springfield	Lots 69,70,71 Adams Plat	Prov. app.
3/7/68	Chatnicka Hts.	Holding pond - addition to existing plant	Prov. app.
3/11/68	Lake Oswego	Mountain Park Sewers	Prov. app.
3/11/68	Roseburg	Overlook Lane Sewers	Prov. app.
3/11/68	Lincoln Co.	Prelim. plan for Pixieland sewage treatment plant	Prov. app.
3/12/68	Canby	N. Amrine Rd. Sewers	Prov. app.
3/14/68	Gladstone	Stonybrook Subd. sewers	Prov. app.
3/19/68	Beaverton	Sewers-S.P. property north of Allen Avenue	Prov. app.
3/20/68	Multnomah Co.	Columbia South Shore Area Report	Recommendations Submitted
3/21/68	Aloha San. Dist.	Butternut Park Subd.	Prov. app.
3/21/68	Pendleton	Broadway Finance property Sewer	Prov. app.
3/21/68	Cedar Hills	"C" Area Sewers Berkshire #4 Sewers	Prov. app.
3/21/68	Raleighwood San. Dist.	Raleigh West San. Sewer	Prov. app.
3/25/68	Oak Lodge San. Dist. #1	Ext. B-8, B-8-6, G-1-2, B-1-1	Prov. app.
3/25/68	North Bend	Oak St. Sewer & Improvement District #102-67-A	Prov. app.
3/25/68	West Slope SD	Malcolm Glenn Lat. L-1	Prov. app.
3/25/68	Springfield	4th Add. to Rambling Acres	Prov. app.

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
3/26/68	Beaverton	Holle Ridge Sewers	Prov. app.
3/26/68	Neskowin	Lagoon - Tahoe Development Co. 1 acre-discharge to Neskowin Creek	Prov. app.
3/28/68	West Linn	Report on relocation of sewers	Approved
3/29/68	Bend	Engineering Report-Sewage Collection & Treatment	Approved w/ Comments
3/29/68	Garibaldi	Engineering Report	Approved w/ Comments
3/29/68	Bend	N. Pilot Butte First Addn.	Prov. app.

PROJECT PLANS AND REPORTS

The following project plans or reports were received and processed by the Air Quality Control staff during the month of March 1968:

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
29	Eugene	T-13, Rosboro Lumber Company Tax Relief Application for determination of hogger installation, \$36,877.33	Not Approved
29	Springfield	T-17, Weyerhaeuser Company, collection and scrubber equipment for vapors from evaporator hot well, \$10,991.00	Approved
29	Springfield	T-18, Surface condensers, ejectors, hot wells, and scrubber on Nos. 1, 2 and 3 multiple effect evaporator sets, \$18,630	Approved
29	Ashland	Ashland Senior High School Incinerator	Additional information requested
29	Oswego	McEwen Elementary School Incinerator	Additional information requested.

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-4, submitted by Publishers Paper Company, Oregon City Division

Part I, only, of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" was filed by Publishers Paper Company, Oregon City Division, on December 21, 1967. Part II of this application was subsequently filed on March 27, 1968. This application has been reviewed and its contents are summarized as follows:

1. Publishers Paper Company, Oregon City Division, owns and operates a pulp and paper manufacturing plant, which is located at 419 Main Street, Oregon City, Oregon, Clackamas County.
2. The principal wastes produced at this plant are spent sulfite liquor and fibre bearing effluents known as white waters.
3. Pollution control facilities at this site, which are not claimed for certification, are:
 - a. Collection, screening, storage, and barging equipment for spent sulfite liquor.
 - b. White water screens, savealls, recirculating and storage systems.
 - c. Sulfite pulp knot disposal system.
 - d. Barker effluent screening systems.
4. The facility covered in this application is the equipment for primary treatment of fibre bearing effluents. The purpose is to reduce the amount of fibre discharged to the Willamette River. All fibre bearing effluents are collected and piped to 2 pumping stations, from which they are pumped to a clarifier. The clarifier overflow discharges to a river outfall. The sludge solids collected from the bottom of the clarifier are dewatered by use of a centrifuge and press. The dewatered sludge is dried and burned in an incinerator. A maximum of 60,000 pounds of solid material is expected to be removed from the waste stream, with a maximum average of 8,100 pounds of solid material per day being discharged to the river.
5. Construction of this facility was started January 10, 1966, and was completed September 15, 1967.
6. The facility claimed is made up of the following components:
 - a. Waste collection system (piping).
 - b. Pumping stations (2), consisting of structures, pumps, piping, and controls.
 - c. Clarifier system, consisting of clarifier, sludge pumps, piping, centrifuge, and controls.
 - d. Incinerator system, consisting of dewatering press, dryer, burner, piping, and controls.

7. The actual cost of this facility, as certified by an independent certified public accounting firm, is stated to be \$1,302,971. A copy of the cost breakdown and accountant's certification is attached.

The findings of the staff are as follows:

1. An application has been filed by Publishers Paper Company, Oregon City Division, on the form provided by the Sanitary Authority.
2. The construction and installation of this facility was completed after January 1, 1967.
3. The facility is designed for and is being operated for the principal purpose of preventing, controlling, and reducing water pollution. The Sanitary Authority at its meeting on June 18, 1964, took action which required the installation of facilities to remove settleable solids from the effluents of this pulp mill.
4. The facility is necessary to satisfy the intents and purposes of ORS Chapter 449 and regulations thereunder.
5. The actual cost of the facility is \$1,302,971.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$1,302,971, be issued to Publishers Paper Company, Oregon City Division, Oregon City, Oregon, for the facilities claimed in tax application No. T-4.

Attachment

EXHIBIT F

ERNST & ERNST

COMMONWEALTH BUILDING

PORTLAND, OREGON 97204

Publishers Paper Co.
Oregon City, Oregon

We have examined certain of the accounting records of Publishers Paper Co. as of December 31, 1967, for the purposes of determining the total cost of the pollution control facilities at the Oregon City, Oregon, plant site of the Company appropriate to Exhibit F - Application for Certification of Pollution for Control Facility for Tax Relief Purposes. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying aforementioned Exhibit F presents fairly the aggregate costs (\$1,302,971) of the pollution control facilities at the Oregon City, Oregon, plant site of Publishers Paper Co.

Ernst, Ernst

Portland, Oregon
March 12, 1968

Water Pollution Control
Oregon State Board of Health

RECEIVED

MAR 27 1968

---DNF---TEMP---PERM

EXHIBIT F

APPLICATION FOR CERTIFICATION OF
POLLUTION CONTROL FACILITY FOR
TAX RELIEF PURPOSES

December 31, 1967

	<u>Direct Material</u>	<u>Mill Labor and Material</u>	<u>Contractor Labor and Material</u>	<u>Total</u>
Collection System	\$ 2,522	\$ 1,106	\$203,694	\$ 207,322
Pumping Stations	76,101	6,701	177,863	260,665
Clarifier System	162,085	11,746	331,647	505,478
Incinerator System	<u>131,737</u>	<u>1,254</u>	<u>94,954</u>	<u>227,945</u>
	<u>\$372,445</u>	<u>\$20,807</u>	<u>\$808,158</u>	1,201,410
Consulting Engineering				<u>101,561</u>
			TOTAL	<u>\$1,302,971</u>

Cost amounts represent accumulation of invoices and other accounting data on file except for approximately \$34,000 which represents management estimates of cost for which the Company has not made final settlement.

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-8, submitted by Western Kraft Corporation, Albany Mill Division, Albany, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by Western Kraft Corporation, Albany Mill Division, Albany, Oregon, on January 10, 1968. This application has been reviewed and its contents are summarized as follows:

1. Western Kraft Corporation, Albany Mill Division, owns and operates a kraft pulp and paper mill located north of Murder Creek, adjacent to the Interstate 5 freeway, in Albany, Oregon, Linn County.
2. The liquid effluent from the mill contains BOD and Suspended Solids that must be processed before entering the Willamette River. Treatment equipment includes settling ponds, automatic monitoring instrumentation, filtration beds, and process salvage systems, most of which were recently installed with certification applications being submitted individually.
3. The facility covered in this application is referred to as mill effluent filter beds. Pilot plant work performed during the summer of 1966 indicated that mill effluent could be treated by means of these beds with the result that BOD, Suspended Solids, and color are removed from the effluent. A series of shallow ponds covering 26 acres were constructed during the spring of 1967 to be used as mill effluent filter beds. These ponds were of sufficient size to handle approximately 50% of the total mill effluent. Since this method of treatment is experimental, wells and sumps for monitoring were also added to the system. The system was put into operation on June 5, 1967, and continued until November 30, 1967. Data for this season indicates that the use of the system resulted in the removal of 4,650 lbs/day of BOD, 758 lbs/day of Suspended Solids, and approximately 50% of the effluent color that would normally be discharged to the Willamette River. The system operates by pumping a measured amount of effluent to the beds. The effluent is filtered as it seeps through the ground, and the materials removed become part of the soil.
4. The system was completed and first placed in operation on June 5, 1967.
5. The facility claimed consists of the following components:
 - a. 172.11 acres of land.
 - b. 1 50-HP pump.
 - c. Required piping.
 - d. Wire and electrical equipment.

6. The actual cost of this facility, as certified by an independent accounting firm, is stated to be \$95,913.66. A copy of the cost breakdown and accountant's certification is attached.

The findings of the staff are as follows:

1. An application has been filed by Western Kraft Corporation, Albany Mill Division, on the form provided by the Sanitary Authority.
2. The construction and installation of the facility was completed after January 1, 1967.
3. This system has effectively reduced waste discharges to the Willamette River during low-flow months as claimed. It started out as an experiment initiated solely by Western Kraft. It was never submitted for approval, although the staff has looked at it and has discussed its effectiveness with the company. It has performed amazingly well so far. The staff views this facility as an interim facility only at this time since it is experimental in nature. There is some concern that it will eventually become saturated or plugged. At the present time, the facility is operated only during the low-flow season. The staff feels that year-round control to prevent heavy slime growths is necessary. The company has been requested to provide year-round control facilities by July of 1970.
4. The actual cost of the facility is \$95,913.66.

It is the opinion of the staff that this facility should be certified as a "Pollution Control Facility" and that the company should receive tax credit as long as this system is operating as a waste control facility. It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$95,913.66, be issued to Western Kraft Corporation, Albany Mill Division, Albany, Oregon, for the facilities claimed in tax application No. T-8.

Attachment

PEAT, MARWICK, MITCHELL & CO.

CERTIFIED PUBLIC ACCOUNTANTS

1010 STANDARD PLAZA

PORTLAND, OREGON 97204

January 8, 1968

Mr. C. W. Knodell
Western Kraft Corporation
1601 Standard Plaza
Portland, Oregon 97204

Dear Mr. Knodell:

In connection with your applications to the Oregon State Sanitary Authority for certification of pollution control facilities for tax relief purposes, we have examined the costs (as detailed in the respective Exhibits E of the applications), of the facilities summarized below. It is our understanding that the detailed listings in Exhibits E to the applications were prepared by the Engineering Department of Western Kraft Corporation, and in making our examination, we have relied upon such listings as being complete itemization of labor and materials devoted to the construction of the facilities described. Our examination consisted of a detailed inspection of vendors' invoices and other documentation of disbursement. We have also traced the costs shown into the plant and equipment accounts of the company.

The following is a summary of the amount of capital expenditures detailed in the respective Exhibits E to the applications:

<u>Albany Mill</u>	<u>Machinery and equipment</u>	<u>Materials</u>	<u>Land</u>	<u>Installation T & M</u>	<u>Total amount</u>
✓ Effluent Filter Beds \$	2,430.93	9,139.57	74,891.00	9,452.16	95,913.66
Effluent Conductivity Monitor	2,186.99	-	-	954.00	3,140.99
Liquor/Stock Salvage No. 3 Oxidation Tower	10,712.10	538.03	-	641.11	11,891.24
No. 1&2 Rec.Oxy. Monitor	10,969.73	551.33	-	44,070.81	55,591.87
Gas Chromatograph	6,389.49	-	-	127.44	6,516.92
	2,979.62	-	-	-	2,979.62
					<u>\$ 176,034.30</u>

In our opinion, the foregoing summary fairly presents the actual costs incurred by Western Kraft Corporation in the construction of the facilities listed above.

Very truly yours,

PEAT, MARWICK, MITCHELL & CO.

R. M. Alexander
R. M. Alexander, Partner

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-9, submitted by Western Kraft Corporation, Albany Mill Division, Albany, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by Western Kraft Corporation, Albany Mill Division, Albany, Oregon, on January 10, 1968. This application has been reviewed and its contents are summarized as follows:

1. Western Kraft Corporation, Albany Mill Division, owns and operates a kraft pulp and paper mill located north of Murder Creek, adjacent to the Interstate 5 freeway, in Albany, Oregon, Linn County.
2. The liquid effluent from the mill contains BOD and Suspended Solids that must be processed before entering the Willamette River. Treatment equipment includes settling ponds, automatic monitoring instrumentation, filtration beds, and process salvage systems, most of which were recently installed with certification applications being submitted individually.
3. The facility covered in this application is referred to as the liquor and stock salvage systems and effluent conductivity monitor. The possibility of process upsets and resultant spills of pulp and process liquids is always one that must be considered. Such spills, if allowed to enter the effluent system, would cause an increase in the BOD and Suspended Solids to the river. To prevent this, a mill salvage system was constructed whereby waste water, pulp spills, and process liquor spills would be collected and retained in the system. The effluent conductivity monitor system provides a means of immediately alerting an operator when any process upset occurs so that corrective action can be taken. Since the installation of this system, the average BOD loss to the effluent system has been reduced by approximately 4,000 pounds per day.
4. This system was completed and placed in operation on June 15, 1967.
5. The facility claimed consists of the following components:
 - a. Effluent conductivity monitor system, consisting of 1 chart recorder, 7 alarm set points, and 7 cells and holder assemblies.
 - b. Liquor and stock salvage system, consisting of 2 sumps with propellor agitators and pumps with piping and controls.
6. The actual cost of this facility, as certified by an independent accounting firm is stated to be \$15,032.23. A copy of the cost breakdown and accountant's certification is attached. (\$11,891.24 + 3,140.99 = \$15,032.23)

The findings of the staff are as follows:

1. An application has been filed by Western Kraft Corporation, Albany Mill Division, on the form provided by the Sanitary Authority.
2. The construction and installation of the facility was completed after January 1, 1967.
3. The facility is designed for and is being operated for the principal purpose of preventing, controlling, and reducing water pollution.
4. The construction and operation of this facility in conjunction with other facilities operated by the company is necessary to satisfy the intents and purposes of ORS Chapter 449 and regulations thereunder.
5. The actual cost of the facility is \$15,032.23.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$15,032.23, be issued to Western Kraft Corporation, Albany Mill Division, Albany, Oregon, for the facilities claimed in tax application No. T-9.

Attachment

PEAT, MARWICK, MITCHELL & CO.

CERTIFIED PUBLIC ACCOUNTANTS

1010 STANDARD PLAZA
PORTLAND, OREGON 97204

January 8, 1968

Mr. C. W. Knodell
Western Kraft Corporation
1601 Standard Plaza
Portland, Oregon 97204

Dear Mr. Knodell:

In connection with your applications to the Oregon State Sanitary Authority for certification of pollution control facilities for tax relief purposes, we have examined the costs (as detailed in the respective Exhibits E of the applications), of the facilities summarized below. It is our understanding that the detailed listings in Exhibits E to the applications were prepared by the Engineering Department of Western Kraft Corporation, and in making our examination, we have relied upon such listings as being complete itemization of labor and materials devoted to the construction of the facilities described. Our examination consisted of a detailed inspection of vendors' invoices and other documentation of disbursement. We have also traced the costs shown into the plant and equipment accounts of the company.

The following is a summary of the amount of capital expenditures detailed in the respective Exhibits E to the applications:

<u>Albany Mill</u>	<u>Machinery and equipment</u>	<u>Materials</u>	<u>Land</u>	<u>Installation T & M</u>	<u>Total amount</u>
Effluent Filter Beds	\$ 2,430.93	9,139.57	74,891.00	9,452.16	95,913.66
✓ Effluent Conductivity Monitor	2,186.99	-	-	954.00	3,140.99
✓ Liquor/Stock Salvage No. 3 Oxidation Tower	10,712.10	538.03	-	641.11	11,891.24
No. 1&2 Rec.Oxy. Monitor	10,969.73	551.33	-	44,070.81	55,591.87
Gas Chromatograph	6,389.49	-	-	127.44	6,516.92
	2,979.62	-	-	-	2,979.62
					<u>\$ 176,034.30</u>

In our opinion, the foregoing summary fairly presents the actual costs incurred by Western Kraft Corporation in the construction of the facilities listed above.

Very truly yours,

PEAT, MARWICK, MITCHELL & CO.

R M Alexander
R. M. Alexander, Partner

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-10, submitted by Western Kraft Corporation, Albany Mill Division, Albany, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by Western Kraft Corporation, Albany Mill Division, Albany, Oregon, on January 10, 1968. This application has been reviewed and its contents are summarized as follows:

1. Western Kraft Corporation, Albany Mill Division, owns and operates a kraft pulp and paper mill located north of Murder Creek, adjacent to the Interstate 5 freeway, in Albany, Oregon, Linn County.
2. The atmospheric emissions from this mill contain small amounts of particulate matter, odorous sulphur compounds, and water vapor. These emissions are controlled through the use of oxidation towers, venturi scrubbers, cyclones, after scrubbers, and special process instrumentation.
3. The facility covered in this application is referred to as the No. 3 oxidation tower. This tower is to supplement already existing towers. The necessity of black liquor oxidation for kraft mill odor control is well established. This tower was added to improve the oxidation efficiency from a 70% level to a 95% level as a means of odor reduction. These oxidation towers operate by converting the sulfides in the black liquor to thiosulfate, thereby rendering them incapable of forming hydrogen sulfide in the evaporation system prior to burning in the recovery boilers. Present technology indicates that maximum oxidation efficiency is required if hydrogen sulfide emission from the recovery is to be minimized. The tower was installed solely to increase the oxidation efficiency.
4. This system was completed and placed in operation on November 8, 1967.
5. The facility claimed was fabricated on the plant site and consists of a large steel shell with internal diffusion plates and assorted pumps, piping, and controls.
6. The actual cost of this facility, as certified by an independent accounting firm, is stated to be \$55,591.87. A copy of the cost breakdown and accountant's certification is attached.

The findings of the staff are as follows:

1. An application has been filed by Western Kraft Corporation, Albany Mill Division, on the form provided by the Sanitary Authority.

2. The construction and installation of the facility was completed after January 1, 1967.
3. The facility is designed for and is being operated for the principal purpose of preventing, controlling, and reducing air pollution.
4. The construction and operation of this facility, in conjunction with other facilities operated by the company, is necessary to satisfy the intents and purposes of ORS Chapter 449 and regulations thereunder.
5. The actual cost of the facility is \$55,591.87.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$55,591.87, be issued to Western Kraft Corporation, Albany Mill Division, Albany, Oregon, for the facilities claimed in tax application No. T-10.

Attachment

PEAT, MARWICK, MITCHELL & CO.

CERTIFIED PUBLIC ACCOUNTANTS
1010 STANDARD PLAZA
PORTLAND, OREGON 97204

January 8, 1968

Mr. C. W. Knodell
Western Kraft Corporation
1601 Standard Plaza
Portland, Oregon 97204

Dear Mr. Knodell:

In connection with your applications to the Oregon State Sanitary Authority for certification of pollution control facilities for tax relief purposes, we have examined the costs (as detailed in the respective Exhibits E of the applications), of the facilities summarized below. It is our understanding that the detailed listings in Exhibits E to the applications were prepared by the Engineering Department of Western Kraft Corporation, and in making our examination, we have relied upon such listings as being complete itemization of labor and materials devoted to the construction of the facilities described. Our examination consisted of a detailed inspection of vendors' invoices and other documentation of disbursement. We have also traced the costs shown into the plant and equipment accounts of the company.

The following is a summary of the amount of capital expenditures detailed in the respective Exhibits E to the applications:

Table with columns: Albany Mill, Machinery and equipment, Materials, Land, Installation T & M, Total amount. Rows include Effluent Filter Beds, Effluent Conductivity Monitor, Liquor/Stock Salvage No. 3 Oxidation Tower, No. 1&2 Rec.Oxy. Monitor, Gas Chromatograph. Total amount: \$ 176,034.30

In our opinion, the foregoing summary fairly presents the actual costs incurred by Western Kraft Corporation in the construction of the facilities listed above.

Very truly yours,

PEAT, MARWICK, MITCHELL & CO.

R. M. Alexander, Partner

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-11, submitted by Western Kraft Corporation, Albany Mill Division, Albany, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by Western Kraft Corporation, Albany Mill Division, Albany, Oregon, on January 10, 1968. This application has been reviewed and its contents are summarized as follows:

1. Western Kraft Corporation, Albany Mill Division, owns and operates a kraft pulp and paper mill located north of Murder Creek, adjacent to the Interstate 5 freeway, in Albany, Oregon, Linn County.
2. The atmospheric emissions from this mill contain small amounts of particulate matter, odorous sulphur compounds, and water vapor. These emissions are controlled through the use of oxidation towers, venturi scrubbers, cyclones, after scrubbers, and special process instrumentation.
3. The facility covered in this application is referred to as the No. 1 and No. 2 recovery oxygen and combustibles monitor. Oxygen and combustibles recording instruments were purchased and installed on the Nos. 1 and 2 recovery boilers during the fall of 1967. The purpose of these instruments is to provide refinement of combustion control in the kraft black liquor recovery boilers so that odorous by-products of combustion are further reduced. These instruments were purchased and installed after having previously established that odor emissions could be reduced through the use of a similar instrument and control system on the No. 3 recovery boiler.
4. This system was completed and placed in operation in August of 1967.
5. The facility claimed consists of the following components:
 - a. 2 oxygen and combustibles analyzers.
 - b. 2 recorders, sample tubes, gas pumps, and inductors.
6. The actual cost of this facility, as certified by an independent accounting firm, is stated to be \$6,516.92. A copy of the cost breakdown and accountant's certification is attached.

The findings of the staff are as follows:

1. An application has been filed by Western Kraft Corporation, Albany Mill Division, on the form provided by the Sanitary Authority.

2. The construction and installation of this facility was completed after January 1, 1967.
3. The facility is designed for and is being operated for the principal purpose of preventing, controlling, and reducing air pollution. The purpose of the meters is to provide a measure of combustion efficiency within the furnaces and assure that the furnaces are supplied with a slight excess of oxygen.
4. The construction and operation of this facility, in conjunction with other facilities operated by the company, is necessary to satisfy the intents and purposes of ORS Chapter 449 and regulations thereunder.
5. The actual cost of the facility is \$6,516.92.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$6,516.92, be issued to Western Kraft Corporation, Albany Mill Division, Albany, Oregon, for the facilities claimed in tax application No. T-11.

Attachment

PEAT, MARWICK, MITCHELL & Co.

CERTIFIED PUBLIC ACCOUNTANTS

1010 STANDARD PLAZA

PORTLAND, OREGON 97204

January 8, 1968

Mr. C. W. Knodell
Western Kraft Corporation
1601 Standard Plaza
Portland, Oregon 97204

Dear Mr. Knodell:

In connection with your applications to the Oregon State Sanitary Authority for certification of pollution control facilities for tax relief purposes, we have examined the costs (as detailed in the respective Exhibits E of the applications), of the facilities summarized below. It is our understanding that the detailed listings in Exhibits E to the applications were prepared by the Engineering Department of Western Kraft Corporation, and in making our examination, we have relied upon such listings as being complete itemization of labor and materials devoted to the construction of the facilities described. Our examination consisted of a detailed inspection of vendors' invoices and other documentation of disbursement. We have also traced the costs shown into the plant and equipment accounts of the company.

The following is a summary of the amount of capital expenditures detailed in the respective Exhibits E to the applications:

<u>Albany Mill</u>	<u>Machinery and equipment</u>	<u>Materials</u>	<u>Land</u>	<u>Installation T & M</u>	<u>Total amount</u>
Effluent Filter Beds \$	2,430.93	9,139.57	74,891.00	9,452.16	95,913.66
Effluent Conductivity Monitor	2,186.99	-	-	954.00	3,140.99
Liquor/Stock Salvage No. 3 Oxidation Tower	10,712.10	538.03	-	641.11	11,891.24
	10,969.73	551.33	-	44,070.81	55,591.87
No. 1&2 Rec.Oxy. Monitor	6,389.49	-	-	127.44	6,516.92
Gas Chromatograph	2,979.62	-	-	-	2,979.62
					<u>\$ 176,034.30</u>

In our opinion, the foregoing summary fairly presents the actual costs incurred by Western Kraft Corporation in the construction of the facilities listed above.

Very truly yours,

PEAT, MARWICK, MITCHELL & CO.

R. M. Alexander
R. M. Alexander, Partner

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-12, submitted by Western Kraft Corporation, Albany Mill Division, Albany, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by Western Kraft Corporation, Albany Mill Division, Albany, Oregon, on January 10, 1968. This application has been reviewed and its contents are summarized as follows:

1. Western Kraft Corporation, Albany Mill Division, owns and operates a kraft pulp and paper mill located north of Murder Creek, adjacent to the Interstate 5 freeway, in Albany, Oregon, Linn County.
2. The atmospheric emissions from this mill contain small amounts of particulate matter, odorous sulphur compounds, and water vapor. These emissions are controlled through the use of oxidation towers, venturi scrubbers, cyclones, after scrubbers, and special process instrumentation.
3. The facility covered in this application is referred to as the gas chromatograph. A Varian Aerograph laboratory gas chromatograph was purchased to make possible more accurate and rapid analysis of atmospheric emissions. Rapid, accurate analysis is necessary to identify those operating conditions that minimize the generation of odorous compounds from the recovery boilers. Gas chromatography is one of the newest methods of performing this analysis and this instrument was purchased solely for use in the air quality control development work.
4. This instrument was installed and placed into operation on June 15, 1967.
5. The facility claimed consists of the following components:
 - a. 1 Model 1200 Varian gas chromatograph.
 - b. 1 Model 20 Varian single pin recorder.
 - c. 1 Varian electron capture detector.
 - d. 1 Nitrogen cylinder regulator.
 - e. 3 Metering valves.
6. The actual cost of this facility, as certified by an independent accounting firm, is stated to be \$2,979.62. A copy of the cost breakdown and accountant's certification is attached.

The findings of the staff are as follows:

1. An application has been filed by Western Kraft Corporation, Albany Mill Division, on the form provided by the Sanitary Authority.

2. The installation of this facility was completed after January 1, 1967.
3. This facility was installed for and is being operated for the principal purpose of analyzing atmospheric emissions for air pollution control purposes. Such monitoring is a necessary part of an over-all air pollution control program.
4. The actual cost of the facility is \$2,979.62.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$2,979.62, be issued to Western Kraft Corporation, Albany Mill Division, Albany, Oregon, for the facilities claimed in tax application No. T-12.

Attachment

PEAT, MARWICK, MITCHELL & CO.

CERTIFIED PUBLIC ACCOUNTANTS

1010 STANDARD PLAZA

PORTLAND, OREGON 97204

January 8, 1968

Mr. C. W. Knodell
Western Kraft Corporation
1601 Standard Plaza
Portland, Oregon 97204

Dear Mr. Knodell:

In connection with your applications to the Oregon State Sanitary Authority for certification of pollution control facilities for tax relief purposes, we have examined the costs (as detailed in the respective Exhibits E of the applications), of the facilities summarized below. It is our understanding that the detailed listings in Exhibits E to the applications were prepared by the Engineering Department of Western Kraft Corporation, and in making our examination, we have relied upon such listings as being complete itemization of labor and materials devoted to the construction of the facilities described. Our examination consisted of a detailed inspection of vendors' invoices and other documentation of disbursement. We have also traced the costs shown into the plant and equipment accounts of the company.

The following is a summary of the amount of capital expenditures detailed in the respective Exhibits E to the applications:

<u>Albany Mill</u>	<u>Machinery and equipment</u>	<u>Materials</u>	<u>Land</u>	<u>Installation T & M</u>	<u>Total amount</u>
Effluent Filter Beds	\$ 2,430.93	9,139.57	74,891.00	9,452.16	95,913.66
Effluent Conductivity Monitor	2,186.99	-	-	954.00	3,140.99
Liquor/Stock Salvage No. 3 Oxidation Tower	10,712.10	538.03	-	641.11	11,891.24
No. 1&2 Rec.Oxy. Monitor	10,969.73	551.33	-	44,070.81	55,591.87
Gas Chromatograph	6,389.49	-	-	127.44	6,516.92
	2,979.62	-	-	-	<u>2,979.62</u>
					<u>\$ 176,034.30</u>

In our opinion, the foregoing summary fairly presents the actual costs incurred by Western Kraft Corporation in the construction of the facilities listed above.

Very truly yours,

PEAT, MARWICK, MITCHELL & CO.

R M Alexander
R. M. Alexander, Partner

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: Application for Certification of Pollution Control Facility for Tax Relief Purposes, No. T-19, submitted by Weyerhaeuser Company, Paperboard and Packaging Group, Springfield, Oregon

Both Parts I and II of an "Application for Certification of Pollution Control Facility for Tax Relief Purposes" were filed by the Weyerhaeuser Company, Paperboard and Packaging Group, Springfield, Oregon, on February 2, 1968. This application has been reviewed and its contents are summarized as follows:

1. Weyerhaeuser Company, Paperboard and Packaging Group, owns and operates a pulp and paperboard mill at 785 N. 42nd Street, Springfield, Oregon, Lane County.
2. The wastes produced at this plant include cooling water, condensates from cooking and evaporation, excess paper mill white water, and a variety of gaseous waste streams which contain suspended particulates, steam, and various odor causing compounds.
3. Numerous pollution control facilities have been in existence prior to January 1, 1967, and are not claimed for certification. Some of the air pollution control facilities are:
 - a. Weak black liquor oxidation.
 - b. The vaporsphere to allow the collection and burning of blow, relief, and evaporator non-condensables.
 - c. Oxygen meters on the recovery furnace flue gas to allow the operator to set air flow to optimum combustion conditions for odor reduction.
 - d. An oxygen meter on the No. 3 kiln to allow the operator to set the air flow rate to optimum combustion conditions for odor reduction.
4. The facility covered in this application is a gas chromatograph. The primary purpose of this instrument is to establish more analytical capabilities in air and water effluent control. Direct applications anticipated are an analysis of turpentine and wood resins, an analysis of waste effluents, an analysis of gaseous emissions, particularly malodorous sulfur compound, and general application in organic analysis.
5. This facility was ordered in May 1967 and put into service in June 1967.
6. The facility claimed consists of the following components:
 - a. Varian Aerograph, Model 1520-1B.
 - b. Helium and hydrogen cylinders.
 - c. Regulators for use with the Aerograph.

7. The actual cost of this facility, as certified by an independent public accountant, is stated to be \$6,849.

The findings of the staff are as follows:

1. An application has been filed by Weyerhaeuser Company, Paperboard and Packaging Group, Springfield, on the form provided by the Sanitary Authority.
2. The purchase and installation of this facility was completed after January 1, 1967.
3. The company purchased this instrument primarily as a part of its air pollution abatement program. It is being used for evaluation of the odor problem from both liquid and gas streams. Such evaluation is an essential first step in any pollution abatement program.
4. The actual cost of the facility is \$6,849.

It is, therefore, recommended that a "Pollution Control Facility Certificate," bearing the actual cost figure of \$6,849, be issued to Weyerhaeuser Company, Paperboard and Packaging Group, Springfield, Oregon, for the facility claimed in tax application No. T-19.

Attachment

WILLIAM HAGGERTY, P.A.
ARCHIE RUFF, P.A.
EVERITT HILL, C.P.A.
BERNICE PLATTE, C.P.A.
EDWARD C. STACK, C.P.A.

TELEPHONE 746-4466

Haggerty, Ruff & Hill
PUBLIC ACCOUNTANTS

MCKENZIE BUILDING
444 NORTH A STREET
SPRINGFIELD, OREGON
97477

January 31, 1968

Weyerhaeuser Company
Springfield Branch
Paperboard and Packaging Group
Springfield, Oregon

Gentlemen:

As independent public accountants selected to review the costs of a gas chromatograph in connection with your application for certification of pollution control facility to Oregon State Sanitary Authority dated January 31, 1968, we have examined the attached statements of costs shown as Exhibit D and identified on the company's records as appropriation request number 67-30 and work order number 28-4400. Our examination included tests of the accounting records, inquiries, and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the attached Exhibit D consisting of four pages presents fairly the costs of the above named facility aggregating \$6,849.

Very truly yours,

Haggerty, Ruff & Hill

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Harold L. Sawyer

SUBJECT: New Applications Received Since March 29, 1968, Meeting

Since the last meeting on March 29, 1968, 9 permit applications have been received. This brings the total number received to 609. One of these applications is for a new installation and will be presented under the next section on new installations.

8 of these applications are listed on the attached sheet along with the recommended expiration date for Temporary Permits. The staff recommends that Temporary Permits be issued to these applicants.

Attachments

TEMPORARY PERMITS
for
Applications Received Since Last Meeting

I. Domestic Waste Permits

Recommendation: Temporary Permit to Expire on December 31, 1968

Application

<u>Number</u>	<u>Applicant's Name</u>
602	Lincoln County School District - Toledo High School
603	Riddle
604	Myrtle Creek

II. Industrial Waste Permits

Recommendation: Temporary Permit to Expire on December 31, 1968

601	Wyne Poultry Farm, Brownsville
606	Road & Driveway Company, Newport
608	Cloverdale Creamery Association, Cloverdale

III. Special Categories

A. Fish Processing Wastes

Recommendation: Temporary Permit to Expire on December 31, 1968

609	Smith's Pacific Shrimp, Garibaldi
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B. Log Deck Drainage and Log Pond Overflow

Recommendation: Temporary Permit to Expire on December 31, 1968

607	Zip-O-Log Veneer, Eugene
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MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Water Pollution Control Staff

SUBJECT: TAHO Development Company (Neskowin Lodge)

The TAHO Development Company, 400 N. W. Canyon Road, Beaverton, Oregon, is presently building the Neskowin Lodge on the site of the old Neskowin Inn in Neskowin, Oregon. Final plans for waste collection and treatment facilities were approved by the staff by letter on March 26, 1968.

The approved treatment facility consists of:

1. A two-cell lagoon with a total surface area of one acre.
2. A pump station to lift sewage to the lagoon.
3. Chlorination facilities.

Treated wastes will be discharged to Neskowin Creek.

The treatment facilities are to be located approximately $\frac{1}{4}$ mile south of the Neskowin Lodge and east of old Highway 101. The facility is designed to serve approximately 100 people plus a restaurant at this time. Expansion capabilities have been provided for by the developers.

Recommended Waste Discharge Permit conditions have been prepared by the staff and are attached for your consideration.

Attachment

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Tahoe Development Company (Neskowin Lodge)
Expiration Date: 6/30/69
Application No.: 591
Date Received: 3/11/68
County: Tillamook
River Basin: North Coast
Receiving Stream: Neskowin Creek
River Mile: 0.5

1. No wastes shall be discharged into the waters of the state without first receiving treatment adequate to meet the standards prescribed in condition Number 3 of this permit.
2. Such waste collection, treatment, and disposal facilities as were approved by the Sanitary Authority by letter dated March 26, 1968, shall be constructed in accordance with approved plans and the conditions of the approval letter. The Sanitary Authority shall be notified when construction is completed and the facilities are placed in operation.
3. The operation of all waste collection, treatment, and disposal facilities shall be governed by the following:
 - a. At all times, all facilities shall be operated at maximum efficiency and in a manner which will minimize waste discharges.
 - b. The average daily flow of sewage through the existing treatment facilities during any dry weather month shall not exceed the design flow of 0.01 million gallons per day (MGD).
 - c. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Neskowin Creek shall be governed by the following:
 1. The monthly average effluent 5-day 20° C. Biochemical Oxygen Demand (BOD) concentration shall not exceed 30 milligrams per liter (mg/l) (2.5 lbs/day).
 - d. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 mg/l after 60 minutes of contact time at the average design flow.
4. The permittee shall effectively monitor the operation of the treatment facility and shall submit reports on prescribed forms containing the data collected to the Sanitary Authority at the end of each calendar month.

Data collected and reported shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

5. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
6. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
7. Whenever a significant change in the character of the waste is anticipated or whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
8. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
9. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That there has been a material change in quantity or character of waste or type of waste disposal.
10. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
11. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

April 12, 1968

Taho Development Company
140 N. E. Beaver Dam Road
Beaverton, Oregon 97005

Attention: Mr. James Taggart

Gentlemen:

Re: Waste Discharge Permit
Application No. 591

The Sanitary Authority staff has completed its review of your application for a Waste Discharge Permit. Proposed permit conditions have been prepared and are attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Portland District Office

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Water Pollution Control Staff

SUBJECT: Holly Hills, Inc. (Golden Door Motel, Wilsonville)

The treatment plant for the Holly Hills, Inc. operations, a motel and restaurant, near Wilsonville in Clackamas County, is of a proprietary nature and is relatively new in the field. The effluent has been disposed of by land irrigation for some months, but due to lack of suitable area for this purpose it is necessary to discharge the effluent to the Willamette River. While plans have been submitted and a performance bond of \$9,000 posted, it is the desire of the staff to observe further the operation of this plant before considering approval for this location.

Recommended waste discharge permit conditions have been prepared by the staff and are attached for consideration.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Holly Hills, Inc. (Golden Door Motel, Wilsonville)
Expiration Date: 9/30/68
Application No.: 595
Date Received: 3/19/68
County: Clackamas
River Basin: Willamette
Receiving Stream: Willamette
River Mile: 38.3

1. No wastes shall be discharged into the waters of the state without said wastes first receiving treatment adequate to meet the following standards:
 - a. The monthly average effluent 5-day 20° C. Biochemical Oxygen Demand (BOD) concentration shall not exceed 30 milligrams per liter (mg/l).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (mg/l).
 - c. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter (mg/l) after 60 minutes of contact time at the average design flow.
2. The average daily flow of sewage through the existing treatment facilities during any dry weather month shall not exceed the design flow of 0.012 million gallons per day (MGD).
3. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
4. The permittee shall effectively monitor the operation and efficiency of the existing treatment facility and shall submit reports containing the data collected to the Sanitary Authority at the end of each calendar month. Data collected and reported shall include the following parameters and minimum frequencies, unless otherwise agreed to by the Sanitary Authority:

<u>Parameter</u>	<u>Minimum Frequency</u>
Flow	Daily
pH	Daily
Sludge Volume	Daily
Cl ₂ Residual	Daily

5. No additional source of waste may be connected to the treatment facility and loads presently connected shall not be increased without prior written approval of the Sanitary Authority.
6. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
7. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
8. Whenever a significant change in the character of the waste is anticipated or whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
9. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
10. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That there has been a material change in quantity or character of waste or type of waste disposal.

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: Water Pollution Control Staff

SUBJECT: The Oregon Trail Company (Pixieland)

The Oregon Trail Company, 3519 Highway 101 N., Lincoln City, Oregon, is presently developing a recreational park at the site of the old Thompson Landing on the Salmon River (approximately 5 miles north of Lincoln City at the junction of Highways 101 and 18).

Final plans for waste collection and treatment facilities have been submitted to the Sanitary Authority for review and approval. The facilities consist of a gravity collection system, pump station, a used factory built extended aeration treatment plant, and an outfall line to the Salmon River. Space has been provided for future expansion of treatment facilities. These facilities will initially serve a restaurant, trailer park, and the initial phase of the amusement park.

The staff is reviewing the plans at this time. They are essentially approvable and only a few details are left to be resolved.

Recommended Waste Discharge Permit conditions have been prepared by the staff and are attached for your consideration.

Attachment

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: The Oregon Trail Company - Lincoln City (Pixieland)
Expiration Date: 6/30/69
Application No.: 605
Date Received: 4/16/68
County: Lincoln
River Basin: Mid-Coast
Receiving Stream: Salmon River
River Mile: 4

1. Such waste collection, treatment, and disposal facilities as have been approved in writing by the Sanitary Authority shall be constructed in accordance with approved plans and operated in accordance with the following standards:
 - a. At all times, all facilities shall be operated at maximum efficiency and in a manner which will minimize waste discharges.
 - b. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.035 million gallons per day (MGD).
 - c. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Salmon River shall be governed by the following:
 1. The monthly average effluent 5-day 20° C. Bio-chemical Oxygen Demand (BOD) concentration shall not exceed 30 milligrams per liter (mg/l) (9 lbs/day).
 2. The monthly average effluent Suspended Solids concentration shall not exceed 30 mg/l (9 lbs/day).
 - d. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter (mg/l) after 60 minutes of contact time at the average design flow.
 - e. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
2. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

3. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
4. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
5. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
6. Whenever a significant change in the character of the waste is anticipated or whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
7. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
8. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That there has been a material change in quantity or character of waste or type of waste disposal.
9. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

SUMMARY OF THE SIGNIFICANT RECOMMENDED PERMIT CONDITIONS

NAME	TYPE OF WASTE	TYPE OF TREATMENT	RECEIVING STREAM	RECOM. EXPIR. DATE	SUMMER LIMITATIONS			SPECIAL REQUIREMENTS	COMMENTS
					FLOW	BOD	SUSP. SOLIDS		
Salem	Domestic	Trickling filter	Willamette River	12/31/70	—	11,000 lbs/day	7,300 lbs/day	85% reduction June 1 - Nov. 1	City treats significant industrial waste load
Corvallis	Domestic	Trickling filter	Willamette River	3/31/69	—	³⁷⁶⁰ 3,600 lbs/day	2,200 lbs/day	85% reduction June 1 - Nov. 1	City treats significant industrial waste load
Oak Lodge	Domestic	Activated sludge	Willamette River	12/31/68	1.5 MGD	30 mg/l (375 lbs/day)	30 mg/l (375 lbs/day)	Submit program by 5/31/68 to provide adequate chlorination before 9/30/68	
Amity	Domestic	Lagoon	Ash Swale Creek	12/31/72	0.1 MGD	30 mg/l (25 lbs/day)			
Pleasant Valley School	Domestic	Extended aeration	Kelly Creek	9/30/70	0.013 MGD	20 mg/l (2 lbs/day)	20 mg/l (2 lbs/day)		
Willamette Lutheran Home	Domestic	Lagoon	Clear Lake	12/31/68 5/30/69	0.02 MGD	—	—	Submit program by 9/1/68 to provide adequate chlorination and flow measuring by 5/1/69. Erect signs - 6/1/68. No overflow June 1 - Nov. 1	
Lane County Parks Baker Bay	Domestic	Extended aeration	Row River	12/31/71	0.008 MGD	30 mg/l (2 lbs/day)	30 mg/l (2 lbs/day)		
Lane County Parks Camp Lane	Domestic	Extended aeration	Siuslaw River	12/31/71	0.010 MGD	30 mg/l (2.5 lbs/day)	30 mg/l (2.5 lbs/day)		
Lane County Parks Lowell Park	Domestic	Extended aeration	Middle Fork Willamette	12/31/71	0.008 MGD	30 mg/l (2 lbs/day)	30 mg/l (2 lbs/day)		
Fir Cove	Domestic	Primary	Coast Fork Willamette	12/31/68	—	—	—	Connect to area-wide system when available	Thorough evaluation required before renewal

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Salem
 Expiration Date: 12/31/70
 Application No.: 237
 Date Received: 12/1/67
 County: Marion
 River Basin: Willamette
 Receiving Stream: Willamette
 River Mile: 78.2

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. During the period from June 1 to November 1, the sewage effluent discharged to the waters of the Willamette River shall receive treatment equal to at least 85% reduction of 5-day Biochemical Oxygen Demand (BOD) and Suspended Solids and shall be governed by the following:
 - a. The monthly average quantity of 5-day 20° C. BOD in the effluent discharged shall not exceed 11,000 pounds per day (lbs/day).
 - b. The monthly average quantity of Suspended Solids in the effluent discharged shall not exceed 7,300 lbs/day.
3. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter (mg/l) after 60 minutes of contact time at the average design flow.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Flow	Daily
Lbs. chlorine used	Daily
Chlorine residual	Daily
BOD (raw & final composite)	2 times weekly)
S.S. (raw & final composite)	2 times weekly) (5 times weekly)
pH (raw & final)	3 times weekly) (June 1-Nov. 1)

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data (June 1 - Nov. 1) weekly
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

March 14, 1968

Honorable Mayor & City Council
City of Salem
Salem, Oregon 97301

Re: Waste Discharge Permit
Application No. 237

Gentlemen:

On Friday, March 8, 1968, the Sanitary Authority staff reviewed the recommended waste discharge permit conditions with representatives of the city of Salem. These conditions in revised form are attached.

The waste load limitations imposed by these conditions are based on the calculated design capacity of your present treatment facility.

Inasmuch as the over-all waste discharges to the Willamette River already exceed the assimilative capacity of the river, it is anticipated that presently assigned load limitations cannot be increased and in some cases may have to be decreased if adopted water quality standards are to be met and maintained.

Therefore, additional raw waste loads will have to be accommodated at the expense of increased treatment efficiency or through use of alternative disposal methods at least during the low stream flow months. You should keep this requirement in mind in accepting new, large industrial waste loads for treatment or disposal in municipal facilities.

The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on March 29, 1968, to be held in Room 36, State Office Building, 1400 S. W. Fifth Avenue, Portland, Oregon, beginning at 10:00 a.m. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth N. Spies
Secretary and Chief Engineer

HLS:ch

Attachment

cc: Portland District Office

city of



SALEM, OREGON

TELEPHONE (503) 581-5123 • ZIP CODE 97301

KHSU

March 27, 1968

Mr. Kenneth H. Spies
Secretary, Oregon State Sanitary Authority
P. O. Box 231
Portland, Oregon 97207

Dear Mr. Spies:

The Salem City Council at its meeting of March 25, 1968, has received and considered the Recommended Waste Discharge Permit Conditions and the letter of transmittal applying to the City of Salem's Waste Discharge Permit Application Number 237.

There is no doubt that the conditions imposed by this permit, and those for other municipalities along the Willamette River, will have an important impact on the growth plans and the financial planning for those cities. We are aware of, and in sympathy with, the objectives to be attained by this program. However, we feel that the financial implications are such that the limitations imposed must be carefully studied in order to be sure that all contributors to the problem share proportionately in its solution.

We request that action by the Oregon State Sanitary Authority to formally approve Salem's permit be delayed until the April meeting of the Authority. This action is requested in order that the matter may be considered at the Executive Committee meeting of the League of Oregon Cities on March 30, 1968, and any expression by the League for its member cities may be transmitted to you.

We will appreciate your cooperation in this matter.

Sincerely,

Vern W. Miller
Vern W. Miller, M.D.
Mayor

VWM:b

cc: City Manager D. W. Ayres
League of Oregon Cities Exec. Secy. Donald Jones
Utilities Director John Geren

Division of
Sanitation & Engineering
Oregon State Board of Health

RECEIVED

MAR 28 1968



April 19, 1968

City of Salem
Department of Utilities
P. O. Box 2267
Salem, Oregon 97308

Attention: Mr. Douglas W. Ayres, City Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 237

The attached Recommended Waste Discharge Permit Conditions for the City of Corvallis will be presented to the Sanitary Authority for consideration at the next meeting to be held on April 26, 1968 at 10 a.m. in Room 36, State Office Building, 1400 S.W. 5th Avenue, Portland, Oregon. You are invited to attend the meeting if you so desire.

The wording of conditions 1 and 2 has been revised to be consistent with permits issued by the Authority at its last meeting.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:cf
Attachment

cc: Portland District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Corvallis

Expiration Date: 9/31/69

Application No.: 329

Date Received: 12/11/67

County: Benton

River Basin: Willamette

Receiving Stream: Willamette River

River Mile: 131.0

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. During the period from June 1 to November 1, the sewage effluent discharged to the waters of the Willamette River shall receive treatment equal to at least 85% reduction of 5-day Biochemical Oxygen Demand (BOD) and Suspended Solids, and shall be governed by the following:
 - a. The monthly average quantity of ³⁷⁶⁰5-day 20° C. BOD in the effluent discharged shall not exceed ~~3600~~ pounds per day (lbs/day).
 - b. The monthly average quantity of Suspended Solids in the effluent discharged shall not exceed 2200 lbs/day.
3. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter (mg/l) after 60 minutes of contact time at the average design flow.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
BOD (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by CRS 449.245 and CRS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

*Action delayed from
March meeting to April
meeting.*

March 6, 1968

City of Corvallis
P. O. Box 1083
Corvallis, Oregon 97330

Attn: Mr. C. Dean Smith, City Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 329

The Sanitary Authority staff has reviewed your application for a Waste Discharge Permit. Preliminary proposed permit conditions have been prepared and are attached. You are invited to submit any comments you may have regarding these proposed conditions in writing before March 18, 1968. After that date, final proposed conditions will be prepared and copies will be forwarded you, if significant changes are made, and to the members of the Sanitary Authority.

The waste load limitations imposed by this permit are based on the calculated design capacity of your present treatment facility.

Inasmuch as the over-all waste discharges to the Willamette River already exceed the assimilative capacity of the river, it is anticipated that presently assigned loads cannot be increased and in some cases may have to be decreased if adopted water quality standards are to be met and maintained.

Therefore, additional raw waste loads will have to be accommodated at the expense of increased treatment efficiency or through use of alternative disposal methods at least during the low stream flow months. You should keep this requirement in mind in accepting new, large industrial waste loads for treatment or disposal in municipal facilities.

The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on March 29, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary & Chief Engineer

KHS/cf
Attachment

cc: Eugene District Office

City of Corvallis

HOME OF OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97330

OFFICE OF THE CITY MANAGER

March 18, 1968

Mr. Kenneth H. Spies
State Sanitary Engineer
P. O. Box 231
Portland, Oregon 97207

File No.

OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: MAR 19 1968

Appl. No. 329

Dear Mr. Spies:

Your letter of March 6th proposed specific conditions for adoption by the Sanitary Authority related to the City of Corvallis Waste Discharge Permit (Application No. 329).

The second paragraph of this letter explained the basis of these conditions and is quoted as follows:

"The waste load limitations imposed by this permit are based on the calculated design capacity of your present treatment facility."

We have had insufficient time to explore all the ramifications of accepting these limitations but faced with this situation the City of Corvallis must disagree on general principles and request additional time for review study. Several broad considerations are immediately apparent, and your letter touched on several aspects, some of which are included below:

1. The city should not accept new large industrial waste loads without careful evaluation.
2. What are the consequences of continued growth of industries now connected?
3. Annexation of 600 acres has been requested with a present population of 2000 persons. Should the city encourage additional annexations, implying connection to the city sewer system?
4. Facilities for secondary treatment were completed in 1966 at a cost of one million dollars. Additional loading can be imposed on the sewage treatment plant if the degree of treatment provides for better than the 85% reduction of BOD and SS now required, (tertiary Treatment). What are the economic considerations, weighed against the additional service which can be provided to this community?
5. What policy should the City formulate now if in fact the State Sanitary Authority will in the future decrease the presently assigned loading to our sewage treatment plant?

Kenneth H. Spies
State Sanitary Engineer
Page 2

It may not be possible to arrive at logical answers to these questions in the short time available and it is requested that action on the city's permit be delayed beyond the March 29th date specified.

Very truly yours,



C. Dean Smith
City Manager

CDS/dk

cc: Tony Groh, Public Works Director
Glenn Ling, City Engineer
Jay Otto, Planning Director

Water Pollution Control
Oregon State Board of Health
RECEIVED
MAR 19 1968
-----DNF-----TEMP-----PERM

March 21, 1968

City of Corvallis
P. O. Box 1083
Corvallis, Oregon 97330

Attention: Mr. C. Dean Smith, City Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 329

We have received your letter of March 13, 1968, requesting additional time to study the recommended Waste Discharge Permit conditions prepared by the Sanitary Authority staff. The staff will recommend that action on the City of Corvallis' Waste Discharge Permit be delayed until the April 26 meeting of the Sanitary Authority, and that the city's present temporary permit be extended for 30 days.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an

cc: Eugene District Office

April 19, 1968

City of Corvallis
P. O. Box 1083
Corvallis, Oregon 97330

Attention: Mr. C. Dean Smith, City Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 329

The attached Recommended Waste Discharge Permit Conditions for the City of Corvallis will be presented to the Sanitary Authority for consideration at the next meeting to be held on April 26, 1968 at 10 a.m. in Room 36, State Office Building, 1100 S.W. 5th Avenue, Portland, Oregon. You are invited to attend the meeting if you so desire.

The wording of conditions 1 and 2 has been revised to be consistent with permits issued by the Authority at its last meeting.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:cf
Attachment

cc: Eugene District Office

MEMORANDUM

April 26, 1968

TO: Members of the Sanitary Authority

FROM: E. R. Lynd

SUBJECT: Oak Lodge Sanitary District

The action taken by the Sanitary Authority on March 29, 1968, regarding the requirement for increased chlorination capacity for the Oak Lodge Sanitary District was discussed by telephone with the district manager, Mr. Harvey Scott, on Tuesday, April 2, 1968. Mr. Scott was advised that a schedule to accomplish this work would be required before the next Sanitary Authority meeting. He agreed to discuss this with the District Board at their next meeting, which was supposedly scheduled for Wednesday, April 3, 1968.

By April 11, 1968, the staff had received no further word from the District regarding a construction schedule. Therefore, a timetable was proposed that would accomplish the needed work by September 30, 1968. The revised conditions were forwarded to the District on April 15, 1968. A letter was received from Mr. Scott, District Manager, on April 22, 1968.

A copy of the recommended conditions and correspondence is attached for your information.

Attachment

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Oak Lodge Sanitary District
 Expiration Date: 12/31/68
 Application No.: 252
 Date Received: 12/1/67
 County: Clackamas
 River Basin: Willamette
 Receiving Stream: Willamette River
 River Mile: 20.1

1. The permittee shall submit by May 31, 1968, a detailed program and time schedule for providing by September 30, 1968, approved waste treatment facilities adequate to insure that the effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
2. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 1.5 million gallons per day (MGD).
4. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Willamette River shall be governed by the following:
 - a. The monthly average effluent BOD concentration shall not exceed 30 milligrams per liter (mg/l) (375 lbs/day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 mg/l (375 lbs/day).
5. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
6. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
7. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
BOD (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

8. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
9. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
10. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
11. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
12. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
13. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
14. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That a material change in quantity or strength of waste or type of waste disposal exists.
15. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
16. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

April 15, 1968

Oak Lodge Sanitary District
13707 S. E. Fair Oaks Drive
Milwaukie, Oregon 97222

Attention: Mr. Harvey W. Scott, General Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 252

The Sanitary Authority staff has revised its recommended Waste Discharge Permit conditions in accordance with the instructions from the members of the Authority at the meeting held on March 29, 1968. A copy of these revised recommended conditions is attached for your information.

The Authority will be requested to take action to issue a permit containing these proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Portland District Office

OAK LODGE SANITARY DISTRICT

OFFICE: 13707 S. E. FAIROAKS DRIVE

P. O. BOX 68522

OAK GROVE, OREGON 97268

TEL. 684-6862

April 22, 1968

File
No.

OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: APR 22 1968

Appl. No: 252

Oregon State Sanitary Authority
1400 S. W. 5th Avenue
Portland, Oregon 97201

Att: Mr. Kenneth H. Spies

Ref: Waste Discharge Permit Application 252

Gentlemen:

Mr. Gerard Decker, Chairman of the Board of this District, has been informed of your changed requirement. He reports that May 1 is the earliest date at which the Board can meet to consider the conditions of this permit. These alternate requirements may prove to be as difficult to meet as the original.

Yours very truly,

OAK LODGE SANITARY DISTRICT




H. Scott
General Manager

HS: jn

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Amity
Expiration Date: 12/31/72
Application No.: 122
Date Received: 11/29/67
County: Yamhill
River Basin: Willamette
Receiving Stream: Ash Swale Creek
River Mile: 1.5

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.10 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Ash Swale Creek shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (25 pounds of BOD per day).

 - b. The lagoon effluent shall be irrigated and not discharged to the receiving stream when the dilution is less than 20:1.
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. By-passing information
 - c. Maintenance shutdown information
 - d. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the city hall.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Pleasant Valley School
Expiration Date: 9/30/70
Application No.: 391
Date Received: 12/18/67
County: Clackamas
River Basin: Willamette
Receiving Stream: Kelly Creek
River Mile: 1.0

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.013 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Kelly Creek shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. Biochemical Oxygen Demand (BOD) shall not exceed 20 milligrams per liter (mg/l) (2.0 lbs/day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 20 mg/l (2.0 lbs/day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 mg/l after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Willamette Lutheran Homes

Expiration Date: June 30, 1969

Application No.: 160

Date Received: November 30, 1967

County: Marion

River Basin: Willamette

Receiving Stream: Clear Lake

River Mile:

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.02 million gallons per day (MGD).
3. The permittee shall submit by September 1, 1968 a detailed program and time schedule for providing by May 1, 1969:
 - a. An approved chlorination facility to insure that the effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
 - b. An approved measuring facility to continuously record the quantity of lagoon overflow.
4. The permittee shall proceed immediately to erect before June 1, 1968 signs which clearly indicate that this is a domestic sewage lagoon.
5. During the period from approximately June 1 to November 1, there shall be no effluent discharged to the waters of Clear Lake.
6. The permittee shall be prepared to immediately discharge all sanitary wastes to a municipal sewerage system when such projected service becomes available.
7. The permittee shall effectively monitor the operation of the treatment facility and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequencies</u>
Lagoon Observations	Twice weekly
Overflow Observations	Twice weekly
Flow	Daily

8. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. By-passing information
 - c. Maintenance shutdown information
 - d. Breakdown information
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the wastes to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans and specifications for the proposed changes. No changes shall be made until plans are approved and a new permit is issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

April 2, 1968

Willamette Lutheran Homes, Inc.
P. O. Box 169
Salem, Oregon 97308

Attention: Mr. Hugh M. Hanna, Administrator

Gentlemen:

Re: Waste Discharge Permit
Application No. 160

The Sanitary Authority staff has reviewed your application for a Waste Discharge Permit. Preliminary proposed permit conditions have been prepared and are attached. You are invited to submit any comments you may have regarding these proposed conditions in writing before April 13, 1968. After that date, final proposed conditions will be prepared and copies will be forwarded you, if significant changes are made, and to the members of the Sanitary Authority.

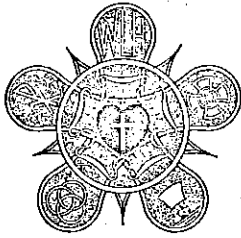
The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. Fifth Avenue, Portland, Oregon, beginning at 10:00 a.m. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
State Sanitary Engineer

HLS:an
Attachment

cc: Portland District Office



WILLAMETTE LUTHERAN HOMES INC.

7693 WHEATLAND ROAD NE
P. O. BOX 169
SALEM, OREGON 97308

April 10, 1968

File No.
OREGON STATE SANITARY AUTHORITY Waste Discharge Permit Program
Received: APR 11 1968
Appl. No. 160

Oregon State Sanitary Authority
State Office Building
1400 S. W. 5th Avenue
Portland, Oregon 97201

Gentlemen:

Re: Waste Discharge Permit
Application No. 160

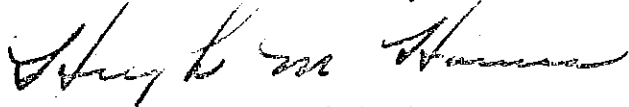
We have received and studied your letter of April 2, 1968. We are not able in this short time to determine the involvement, including expense.

We will obtain the services of a qualified person or firm to establish for us the exact nature and cost of compliance, and will have to make our plans based upon this information.

You may or may not know that this home experienced a severe financial crisis last year. We are making progress in our efforts to solve this, but still have to watch all expenditures closely. Naturally this probable expense comes as a shock and will have to be studied carefully by me and our board of directors.

Sincerely,

WILLAMETTE LUTHERAN HOMES, INC.


Hugh M. Hanna, Administrator

HMH:hms

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Lane County Parks and Recreation Department --
Baker Bay

Expiration Date: 12/31/71

Application No.: 440

Date Received: 12/22/67

County: Lane

River Basin: Willamette

Receiving Stream: Row River

River Mile: 8.8

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.008 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Row River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (2.0 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (2.0 pounds of Suspended Solids per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be located where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Lane County Parks and Recreation Department --
Camp Lane

Expiration Date: 12/31/71

Application No.: 441

Date Received: 12/22/67

County: Lane

River Basin: Mid-Coast

Receiving Stream: Siuslaw River

River Mile: 40.8

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.010 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Siuslaw River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (2.5 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (2.5 pounds of Suspended Solids per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be located where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Lane County Park and Recreation Department --
Lowell Park (formerly North Shore Park)

Expiration Date: 12/31/71

Application No.: 442

Date Received: 12/22/67

County: Lane

River Basin: Willamette

Receiving Stream: Middle Fork Willamette

River Mile: 16.9

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.008 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Middle Fork Willamette River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (2.0 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (2.0 pounds of Suspended Solids per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be located where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Fir Cove Sanitation Corporation
Expiration Date: 12/31/68
Application No.: 7
Date Received: 11/9/67
County: Lane
River Basin: Willamette
Receiving Stream: Coast Fork Willamette
River Mile: 1.0

1. The permittee shall be prepared to abandon the existing treatment facility and connect to an area-wide sewerage system as soon as one becomes available.
2. At all times, all existing waste collection, treatment, and disposal facilities shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation of the treatment plant and shall submit reports on prescribed forms containing the data collected to the Sanitary Authority at the end of each calendar month. Data collected and reported shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Chlorine Residual	Daily

6. No additional source of waste may be connected to the treatment facility and loads presently connected shall not be increased without prior written approval of the Sanitary Authority.
7. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
8. Whenever a significant change in the character of the waste is anticipated or whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.

9. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
10. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That there has been a material change in quantity or character of waste or type of waste disposal.
11. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.

April 19, 1968

Mr. Frederick L. Decker
Goode, Goode & Decker
P. O. Box 516
Albany, Oregon 97321

Dear Mr. Decker:

Re: Waste Discharge Permit
Application No. 7

Recommended Waste Discharge Permit conditions for Fir Cove Sanitation Corporation have been revised. A copy is attached for your consideration.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

You will note that the recommended expiration date for the permit is 12/31/68. The Authority staff will further evaluate this facility prior to the renewal of the permit.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Mr. Ralph E. Bellott

SUMMARY OF THE SIGNIFICANT RECOMMENDED PERMIT CONDITIONS

NAME	TYPE OF WASTE	TYPE OF TREATMENT	RECEIVING STREAM	RECOM. EXPIR. DATE	SUMMER LIMITATIONS			SPECIAL REQUIREMENTS	COMMENTS
					FLOW	BOD	SUSP. SOLIDS		
Beaverton	Domestic	Trickling filter	Beaverton Creek	12/31/69 <i>7-31-69</i>	1.33 MGD	20 mg/l (220 lbs/day)	20 mg/l (220 lbs/day)		
Forest Grove	Domestic	Trickling filter w/ lagoons	Tualatin River	12/31/69 <i>4-31-68</i>	—	770 lbs/day	1,040 lbs/day		
Laurelwood	Domestic	Trickling filter	Hill Creek	6/30/69 <i>7-31-69</i>	0.02 MGD	20 mg/l (4 lbs/day)	20 mg/l (4 lbs/day)		
Multnomah County (Fanno Creek)	Domestic	Activated sludge	Fanno Creek	6/30/68	—	Maximum Efficiency		Provide treatment by 6/30/68 to insure BOD and SS less than 20 mg/l	Construction near completion
Tigard (Pinebrook)	Domestic	Extended aeration	Creek to Fanno Creek	7/30/68	—	—	—	Connect to Tigard by 7/30/68	

17 mg/l BOD
10 mg/l SS

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Beaverton
Expiration Date: 12/31/69
Application No.: 79
Date Received: 11/27/67
County: Washington
River Basin: Tualatin
Receiving Stream: Beaverton Creek
River Mile: 8.0

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 1.33 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Beaverton Creek shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 20 milligrams per liter (220 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 20 milligrams per liter (220 pounds of Suspended Solids per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Forest Grove
 Expiration Date: 12/31/69
 Application No.: 213
 Date Received: 12/1/67
 County: Washington
 River Basin: Tualatin
 Receiving Stream: Tualatin River
 River Mile: 56.9

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Tualatin River shall be governed by the following:
 - a. The monthly average quantity of 5-day 20° C. BOD in the effluent discharged shall not exceed 770 pounds per day (lbs/day).
 - b. The monthly average quantity of Suspended Solids in the effluent discharged shall not exceed 1,040 lbs/day.
3. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

March 28, 1968

City of Forest Grove
P. O. Box 326
Forest Grove, Oregon 97116

Re: Waste Discharge Permit
Application No. 213

Attention: Mr. Daniel O. Potter
City Manager

Gentlemen:

The Sanitary Authority staff has reviewed your application for a Waste Discharge Permit. Preliminary proposed permit conditions have been prepared and are attached. You are invited to submit any comments you may have regarding these proposed conditions in writing before April 15, 1968. After that date, final proposed conditions will be prepared and copies will be forwarded you, if significant changes are made, and to the members of the Sanitary Authority.

There has been a very good sampling program carried out at the sewage treatment plant on composite samples. Also, many problems have been monitored and corrected with grab samples of industrial waste. It is recommended that composite samples be collected from each of the industrial waste sources on a regular schedule. Perhaps the industries themselves could install a composite sampling station in which samples could be taken by city personnel.

The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. Fifth Avenue, Portland, Oregon, beginning at 10:00 a.m. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
State Sanitary Engineer

HLS:ch

Attachment

cc: Portland District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Laurelwood Academy
Expiration Date: 6/30/69
Application No.: 266
Date Received: 12/4/67
County: Washington
River Basin: Willamette
Receiving Stream: Hill Creek
River Mile:

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of .02 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Hill Creek shall be governed by the following:
 - a. The monthly average 5-day 20° C. BOD concentration in the effluent shall not exceed 20 milligrams per liter (mg/l) (4 lbs/day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 20 mg/l (4 lbs/day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 mg/l after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Settleable Solids (influent and effluent)	2 times per week
pH (influent and effluent)	3 times per week
Chlorine Residual (effluent)	Daily
Pounds Chlorine Used	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. No additional source of waste may be connected to the treatment facility and loads presently connected shall not be increased without first obtaining approval from the Sanitary Authority.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Multnomah County - Fanno Creek
Expiration Date: 6/30/68
Application No.: 294
Date Received: 12/5/67
County: Washington
River Basin: Tualatin
Receiving Stream: Fanno Creek
River Mile: 8.3

1. The permittee shall proceed to construct and place into operation before June 1, 1968, approved waste treatment facilities adequate to insure that:
 - a. The average quantity of 5-day 20° C. Biochemical Oxygen Demand (BOD) concentration shall not exceed 20 milligrams per liter (375 pounds of BOD per day).
 - b. The average effluent Suspended Solids concentration shall not exceed 20 milligrams per liter (375 pounds of Suspended Solids per day).
 - c. The effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
2. At all times, all existing waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
BOD (influent and effluent composite)	2 times per week
Suspended Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Tigard - Pinebrook Subdivision
Expiration Date: 7/30/68
Application No.: 333
Date Received: 12/11/67
County: Washington
River Basin: Tualatin
Receiving Stream: Creek to Fanno Creek
River Mile: 0.5 - 2.5

1. The permittee shall proceed immediately to construct and place into operation before July 30, 1968, approved waste collection facilities adequate to insure that all sewage from the Pinebrook Subdivision will be treated at the Tigard sewage treatment plant.
2. At all times, all existing waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
4. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Chlorine Residual (effluent)	Daily
Sludge Volume	Daily

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:

- a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
7. No additional source of waste may be connected to the treatment facility and loads presently connected shall not be increased until needed modifications are approved and constructed.
 8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
 9. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
 10. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
 11. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
 12. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.



CITY OF TIGARD

12420 S. W. Main Street
TIGARD, OREGON 97223

April 3, 1968

Mr. Kenneth H. Spies
State Sanitary Engineer
Oregon State Sanitary Authority
1400 S. W. 5th Avenue
Portland, Oregon 97201

File No.
OREGON STATE SANITARY AUTHORITY Waste Discharge Permit Program
Received: APR 4 1968
Appl. No. 333

Dear Mr. Spies:

This is in response to your letter of March 28, 1968 concerning the waste discharge permit of the Pinebrook Sewage Treatment Plant.

As you are aware, it is the City of Tigard's intention to eliminate usage of this treatment facility at the earliest possible time. In August 1967, bids were solicited by the City of Tigard to construct the Pinebrook-Bonita Interceptor. After bids were received, discussion was held with the City's consulting engineers, Stevens, Thompson and Runyan, and the State Sanitary Authority officials, and it was the consensus that the project should be re-bid in the spring of 1968 due to the high bids.

The Mayor and Council of the City of Tigard on March 25, 1968 authorized a call for bids to be opened on April 19, 1968, and awarded April 22, 1968.

The City's consulting engineers have recommended that construction on this project be implemented in late May or early June 1968 due to the extreme wetness in the area where this interceptor is to be built. It is estimated the project should be completed within forty-five to sixty days after a start work order is issued.

Please be assured that the City of Tigard is vitally interested that this project be completed as soon as possible. It has been a source of irritation to the City, as, I am sure, it has been to the State Sanitary Authority.

If the above schedule is satisfactory to you, I would recommend the expiration of the waste discharge permit for the Pinebrook Sewage Treatment Plant be extended to July 30, 1968.

Water Pollution Control
Oregon State Board of Health

RECEIVED

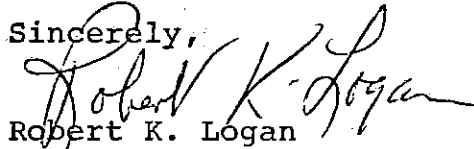
APR 4 1968

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page 2

If additional information is needed, please do not hesitate
in calling on me.

Sincerely,

A handwritten signature in cursive script that reads "Robert K. Logan". The signature is written in dark ink and is positioned above the typed name.

Robert K. Logan
City Administrator

RKL/dl

cc: Mr. Gil Meigs
Stevens, Thompson & Runyan

April 19, 1968

City of Tigard
12420 S. W. Main Street
Tigard, Oregon 97223

Attention: Mr. Robert K. Logan, City Administrator

Gentlemen:

Re: Waste Discharge Permit
Application No. 333 - Pinebrook

The Sanitary Authority staff has revised the preliminary proposed Waste Discharge Permit conditions which were mailed to you earlier. A copy of the final draft of these revised conditions is attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Portland District Office

SUMMARY OF THE SIGNIFICANT RECOMMENDED PERMIT CONDITIONS

NAME	TYPE OF WASTE	TYPE OF TREATMENT	RECEIVING STREAM	RECOM. EXPIR. DATE	SUMMER LIMITATIONS			SPECIAL REQUIREMENTS	COMMENTS
					FLOW	BOD	SUSP. SOLIDS		
Baker	Domestic	Lagoon	Powder River	6/30/69	—	30 mg/l (525 lbs/day)		Provide adequate disinfection and flow measuring before May 1, 1969	
Boardman	Domestic	Lagoon	Columbia River	3/31/73	0.05 MGD	30 mg/l (13 lbs/day)			
Elgin	Domestic	Lagoon	Grande Ronde River	3/31/73	0.205 MGD	30 mg/l (52 lbs/day)			
Heppner	Domestic	Trickling filter	Willow Creek	9/30/71	0.25 MGD	30 mg/l (65 lbs/day)	30 mg/l (65 lbs/day)		
Ontario	Domestic	Lagoon	Malheur River	12/31/68	—	30 mg/l		Submit program by 9/30/68 to provide adequate chlorination and flow measuring by 9/30/69	
Prineville	Domestic	Lagoon	Crooked River	3/31/72	0.88 MGD	—	—	If overflow occurs, notify S.A. and provide chlorination	

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Baker
Expiration Date: 6/30/69
Application No.: 48
Date Received: 11/21/67
County: Baker
River Basin: Powder
Receiving Stream: Powder River
River Mile: 116.3

1. The permittee shall proceed to construct and place into operation before May 1, 1969, approved waste treatment facilities adequate to insure that:
 - a. The effluent receives a minimum of 60 minutes of chlorine contact time at the average [REDACTED] flow before being discharged from the controlled confinement of the treatment facility.
 - b. The effluent flows through a standard flow measuring weir.
2. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Powder River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (525 pounds of BOD per day).
[REDACTED]
4. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

5. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:

- a. Routine monitoring data
 - b. By-passing information
 - c. Maintenance shutdown information
 - d. Breakdown information
6. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
 7. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
 8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
 9. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
 10. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
 11. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
 12. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
 13. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

"CENTER OF OREGON'S
ADVENTURELAND"

CITY OF **BAKER** OREGON

P. O. BOX 671
BAKER, OREGON 97814

April 18, 1968

Office: City Hall

File No. Ph. 523-4437

OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: APR 19 1968

Appl. No. 48

Mr. Kenneth H. Speis
State Sanitary Engineer
Oregon State Sanitary Authority
State Office Building
1400 S.W. 5th Avenue
Portland, Oregon 97201

Re: Waste Discharge
Permit Application
No. 48

Dear Ken:

We have received your letter and recommended Permit conditions and I object to the conditions as written. In the first place, it seems that you are trying to set conditions without considering type of treatment, area conditions and river flow conditions relative to the minimum flows required in the river due to the construction of the Mason Dam project.

I agree that chlorination of the effluent at certain times is desirable and necessary, but I feel that the 60 minutes required by your office is arbitrary and unfair. I understood from previous conversations that 30 minutes was sufficient for our designed flow of 3.6 mgd.

From talking to our operator there seems to be a size misunderstanding on the lagoons, the following is the as built size:

- a. Primary Pond - 72 surface acres at 4 foot depth.
- b. 3 secondary ponds in series, each 11 acres.
Total Pond Area 105 acres
- c. Detention time at design flow - 100 days.
- d. The design prevents direct bypassing of influent to the river.

The requirements in item 1 will cost us approximately \$17,000.00 and at this time I don't know where I'm going to find it intime for competition by May 1, 1969.

In Item 3: Please clarify. It seems that you are requiring a maximum fixed load based on present flows and not on designed flows; also from your suspended solids requirement do you mean fillered effluent to reduce the suspended dead algae in the effluent.

We have always tired to cooperate with your office, however,

Page 2

we feel that some of the requirements are not based on present area conditions.

Thank you for your help.

Very truly yours,

Vernon E. Jacobson
Vernon E. Jacobson
City Manager

VZJ/be

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Boardman
Expiration Date: 3/31/73
Application No.: 42
Date Received: 11/20/67
County: Morrow
River Basin: Columbia
Receiving Stream: Columbia River
River Mile: 268.5

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.050 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Columbia River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (13 pounds of BOD per day).



4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. By-passing information
 - c. Maintenance shutdown information
 - d. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Elgin
Expiration Date: 3/31/73
Application No.: 202
Date Received: 11/30/67
County: Union
River Basin: Grande Ronde
Receiving Stream: Grande Ronde River
River Mile: 98.0

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.205 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Grande Ronde River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (52 pounds of BOD per day).



4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Bypassing information
 - c. Maintenance shutdown information
 - d. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Heppner
Expiration Date: 9/30/71
Application No.: 56
Date Received: 11/22/67
County: Morrow
River Basin: Umatilla
Receiving Stream: Willow Creek
River Mile: 50.6

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.25 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Willow Creek shall be governed by the following:
 - a. The monthly average effluent BOD concentration shall not exceed 30 milligrams per liter (65 pounds per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (65 pounds per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Settleable Solids (influent and effluent)	2 times per week
pH (influent and effluent)	3 times per week
Chlorine Residual (effluent)	Daily
Pounds Chlorine Used	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Ontario
Expiration Date: 12/31/68
Application No.: 318
Date Received: 12/8/67
County: Malheur
River Basin: Malheur
Receiving Stream: Malheur River
River Mile: 1.8

1. The permittee shall submit by September 30, 1968, a detailed program and time schedule for providing by September 30, 1969, approved waste treatment facilities adequate to insure that:
 - a. The effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
 - b. The lagoon effluent flow is measured continuously and totalized.
2. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Malheur River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter.



4. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

5. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Bypassing information
 - c. Maintenance shutdown information
 - d. Breakdown information
6. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
7. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
9. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
10. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
11. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
12. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
13. This permit, or a photocopy thereof, shall be displayed at the city hall.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Prineville
Expiration Date: 3/31/72
Application No.: 245
Date Received: 12/1/67
County: Crook
River Basin: Deschutes
Receiving Stream: Crooked River
River Mile: 48.3

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. If and when it appears that an overflow from the lagoon will occur, the permittee shall do the following:
 - a. Immediately notify the Sanitary Authority.
 - b. Provide approved facilities to adequately disinfect the overflow.
 - c. Conduct an effluent monitoring program and submit reports in accordance with the requirements of the Sanitary Authority.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.880 million gallons per day (MGD).
4. All screenings and grit shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Lagoon observations	Twice weekly
Overflow observations	Twice weekly
Flow	Daily

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information

7. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the City Hall.

SUMMARY OF THE SIGNIFICANT RECOMMENDED PERMIT CONDITIONS

NAME	TYPE OF WASTE	TYPE OF TREATMENT	RECEIVING STREAM,	RECOM. EXPIR. DATE	SUMMER LIMITATIONS			SPECIAL REQUIREMENTS	COMMENTS
					FLOW	BOD	SUSP. SOLIDS		
Vernonia	Domestic	Lagoon	Nehalem River	3/31/70	—	—	—	If overflow occurs, notify S.A. and provide chlorination	
Rainier	Domestic	Primary	Columbia River	12/31/70	(Existing) 0.3 MGD	—	—	Submit program by 7/1/70 for providing secondary treatment by 7/1/72	
Cannon Beach	Domestic	Lagoon	Elk Creek	6/30/69	0.15 MGD	30 mg/l (40 lbs/day)			Staff will evaluate chlorination facilities before expiration
Tillamook	Domestic	Trickling filter (Intermediate)	Trask River	12/31/68	(Existing) 1.05 MGD	—		Submit program by May 1, 1968, to provide secondary treatment by September 30, 1968	City submitted schedule to complete by "Mid-summer 1969"
Newport	Domestic	Trickling filter	Pacific Ocean	3/31/70	1.6 MGD	45 mg/l (600 lbs/day)	30 mg/l (400 lbs/day)	Chlorinate April 1 - October 31	
North Roseburg Sanitary District	Domestic	Trickling filter	South Umpqua River	12/31/70	1.0 MGD	30 mg/l (250 lbs/day)	30 mg/l (250 lbs/day)		
Roseburg	Domestic	Trickling filter	South Umpqua River	9/30/69	3.6 MGD	30 mg/l (900 lbs/day)	30 mg/l (900 lbs/day)	Submit program by October 31, 1968, to provide grit disposal by September 30, 1969	
Talent	Domestic	Trickling filter	Bear Creek	9/30/69	0.07 MGD	—	—	Submit program by 7/1/68 for providing approved treatment by 7/1/69	
Josephine County School	Domestic	Extended aeration and lagoon	Ditch to Jump Off Joe Creek	9/30/69	0.027 MGD	30 mg/l (7 lbs/day)			

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Vernonia
Expiration Date: 3/31/70
Application No.: 357
Date Received: 12/14/67
County: Columbia
River Basin: North Coast
Receiving Stream: Nehalem River
River Mile: 90.6

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. If and when it appears that an overflow from the lagoon will occur, the permittee shall do the following:
 - a. Immediately notify the Sanitary Authority.
 - b. Provide approved facilities to adequately disinfect the overflow.
 - c. Conduct an effluent monitoring program and submit reports in accordance with the requirements of the Sanitary Authority.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.2 million gallons per day (MGD).
4. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Lagoon Observations	Twice weekly
Overflow Observations	Twice weekly
Flow	Daily

5. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Bypassing information
 - c. Maintenance shutdown information
 - d. Breakdown information

6. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
7. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
9. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
10. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
11. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
12. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
13. This permit, or a photocopy thereof, shall be displayed at the City Hall.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Rainier
Expiration Date: 12/31/70
Application No.: 255
Date Received: 12/1/67
County: Columbia
River Basin: Columbia
Receiving Stream: Columbia River
River Mile: 67.0

1. The permittee shall submit by July 1, 1970, a detailed program and time schedule for providing by July 1, 1972, approved waste treatment facilities adequate to insure that:
 - a. All domestic and municipal sewage receives a minimum of secondary treatment, or equivalent (equal to 85% removal of Biochemical Oxygen Demand (BOD) and Suspended Solids).
 - b. The effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
2. At all times, all existing waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.3 million gallons per day (MGD).
4. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Settleable Solids (influent and effluent)	2 times per week
pH (influent and effluent)	3 times per week
Chlorine Residual (effluent)	Daily
Pounds Chlorine Used	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information

8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.

9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.

10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.

11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.

12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.

13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Cannon Beach
Expiration Date: 6/30/69
Application No.: 511
Date Received: 1/18/68
County: Clatsop
River Basin: North Coast
Receiving Stream: Elk Creek
River Mile: 0.6

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.150 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of Elk Creek shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (40 pounds of BOD per day).

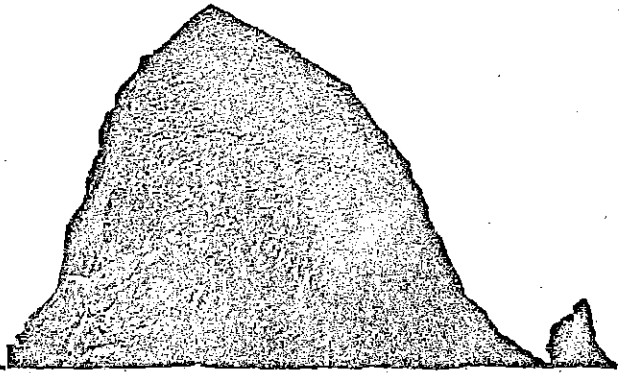


4. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
5. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
pH (effluent before chlorination)	3 times per week

6. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Bypassing information
 - c. Maintenance shutdown information
 - e. Breakdown information
7. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
8. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
9. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
10. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
11. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
12. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
13. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
14. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

CITY OF CANNON BEACH



"The Beach of a Thousand Wonders"

CANNON BEACH,
OREGON 97110
April 6, 1968

File
No.

OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: APR 8 1968

Appl. No. 511

Kenneth H. Spies
State Sanitary Engineer
Oregon State Sanitary Authority
1400 S. W. 5th Avenue
Portland, Oregon 97201

Re: Application No. 511

Dear Mr. Spies:

We are in receipt of your letter of April 2nd enclosing Preliminary Proposed Permit Conditions which has been reviewed.

The City does not have any comments at this time, and will cooperate with you in any way we can to fulfill the conditions set forth to obtain the Waste Discharge Permit.

Very truly yours,

CITY OF CANNON BEACH

(mm) *Kae Mueby*
City Recorder

mm

Water Pollution Control
Oregon State Board of Health
RECEIVED
APR 8 1968
---DNF---TEMP---PERM

April 19, 1968

City of Cannon Beach
P. O. Box 488
Cannon Beach, Oregon 97110

Attention: The Honorable Gerald R. Gower, Mayor

Gentlemen:

Re: Waste Discharge Permit
Application No. 511

The Sanitary Authority staff has revised the preliminary proposed Waste Discharge Permit conditions which were mailed to you earlier. A copy of the final draft of these revised conditions is attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:jan
Attachment

cc: Portland District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Tillamook
Expiration Date: 12/31/68
Application No.: 123
Date Received: 11/29/67
County: Tillamook
River Basin: North Coast
Receiving Stream: Trask River
River Mile: 1.9

1. The permittee shall submit by May 1, 1968, a detailed program and time schedule for providing by September 30, 1968, approved waste treatment facilities adequate to insure that:
 - a. All domestic and municipal sewage receives a minimum of secondary treatment, or equivalent (equal to 85% removal of Biochemical Oxygen Demand (BOD) and Suspended Solids).
 - b. The effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
2. At all times, all existing waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. The average daily flow of sewage through the ^{existing} treatment facilities during any dry weather month shall not exceed the design flow of 1.05 million gallons per day (MGD).
4. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

MAYOR
HOWARD EDWARDS

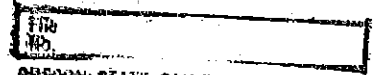
COUNCILMEN
JOHN SANDER
JAMES C. NELSON
CLARE BIGELOW
CHESTER STEWART, JR.
OLIVER QUEATHEN
WILLIAM BERRY



CITY RECORDER
GENEVA BATEMS
CITY ATTORNEY
WARREN A. McMINIMEE
CITY MANAGER
H. S. PAULSON

April 2, 1968

Oregon State Sanitary Authority
State Office Building
1400 S. W. Fifth Avenue
Portland, Oregon 97201



OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: APR 4 1968

Appl. No. 123

Re: Waste Discharge Permit application No. 123

Gentlemen:

Tillamook City is in complete sympathy with the aims and goals of the State Pollution Abatement Program and is prepared to proceed with our program as rapidly as practicable. It appears, however, that it will be impossible to meet the September, 1968, deadline for plant expansion because of practical problems such as plan preparation, equipment delivery, weather conditions, Bond issue requirements and other factors.

The City is prepared to proceed immediately to have our engineering firm prepare and submit final plans and specifications. We have sufficient reserve funds on hand to authorize this work.

We suggest the following schedule for our proposed program:

1. Retain consulting engineer to prepare final plans and specifications -- May 1, 1968.
2. Submit P. L. 600 Application -- June 15, 1968.
3. Complete final plans and specifications -- late Fall of 1968.
4. Present necessary Bond issue to voters -- late Fall of 1968.
5. Award construction contract -- February or March, 1969.
6. Complete construction in mid-Summer of 1969.

During this period Tillamook City will continue with the increased chlorination requirements until the new construction is completed.

The above schedule agrees in general with the time table suggested in the May 2, 1967, Engineer's report and appears to be a practical time table for our pollution abatement program.

Tillamook City is fully prepared to meet this proposed schedule subject, of course, to the approval of the necessary Bond issue and request your approval of the above suggested schedule.

Page 2 -- Oregon State Sanitary Authority

I also wish to request the deletion of item No. 3 in the permit conditions. I do not see the necessity of this regulation as long as the requirement of 85% BOD removal and the chlorination requirement is satisfied.

Respectfully submitted,

H. S. Paulson

City Manager

HSP:g

cc: Cornell, Howland, Hayes & Merryfield
Corvallis, Oregon

Water Pollution Control
Oregon State Board of Health

RECEIVED

APR 4 1968

DNF TEMP PERM

April 19, 1968

Tillamook City
Tillamook, Oregon 97141

Attention: Mr. H.S. Paulson, City Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 123

Attached is a copy of the Recommended Waste Discharge Permit Conditions which will be presented to the Sanitary Authority at the meeting at 10 a.m. on April 26, 1968 in Room 36 of the State Office Building, 1400 S.W. 5th Avenue, Portland, Oregon. The staff will also present your letter containing your proposed schedule and will recommend to the Authority that the schedule be adopted.

You are invited to attend the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:cf
Attachment

cc: Portland District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Newport
Expiration Date: 3/31/72
Application No.: 268
Date Received: 12/4/67
County: Lincoln
River Basin: Mid Coast
Receiving Stream: Pacific Ocean

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 1.6 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the Pacific Ocean shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 45 milligrams per liter (600 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (400 pounds of suspended solids per day).
4. During the period from April 1 to October 31, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at this plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge Disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: North Roseburg Sanitary District
Expiration Date: 12/31/70
Application No.: 348
Date Received: 12/13/67
County: Douglas
River Basin: Umpqua
Receiving Stream: South Umpqua River
River Mile: 9.8

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 1.0 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the South Umpqua River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (250 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (250 pounds of Suspended Solids per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information

8. The sewerage system (pipelines, conduits, pumping stations, forcemains and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.

9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.

10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.

11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.

12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.

13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Roseburg
Expiration Date: 9/30/69
Application No.: 63
Date Received: 11/24/67
County: Douglas
River Basin: Umpqua
Receiving Stream: South Umpqua River
River Mile: 7.8

1. The permittee shall submit by October 31, 1968, a detailed program and time schedule for providing by September 30, 1969, approved facilities for grit disposal adequate to insure that the grit does not reach any of the waters of the state or create a health hazard or nuisance condition.
2. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 3.6 million gallons per day (MGD).
4. During the period from June 1 to November 1, the quality of the sewage effluent discharged to the waters of the South Umpqua River shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (900 pounds of BOD per day).
 - b. The monthly average effluent Suspended Solids concentration shall not exceed 30 milligrams per liter (900 pounds of Suspended Solids per day).
5. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
6. All screenings and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
7. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Pounds Chlorine Used	Daily
Chlorine Residual (effluent)	Daily
Biochemical Oxygen Demand (BOD) (influent and effluent composite)	2 times per week
Suspended or Settleable Solids (influent and effluent composite)	2 times per week
pH (influent and effluent)	3 times per week

8. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. Bypassing information
 - d. Maintenance shutdown information
 - e. Breakdown information
9. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
10. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
11. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
12. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
13. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
14. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

15. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
16. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

April 2, 1968

City of Roseburg
Suite 406, Pacific Building
727 S. E. Class Avenue
Roseburg, Oregon 97470

Re: Waste Discharge Permit
Application No. 63

Attention: Mr. Duane Scroggins
Director of Public Works

Gentlemen:

The Sanitary Authority staff has reviewed your application for a Waste Discharge Permit. Preliminary proposed permit conditions have been prepared and are attached. You are invited to submit any comments you may have regarding these proposed conditions in writing before April 18, 1968. After that date, final proposed conditions will be prepared and copies will be forwarded you, if significant changes are made, and to the members of the Sanitary Authority.

The manner of grit disposal at the Roseburg sewage treatment plant has become a matter of concern. In order to insure compliance with the conditions of this permit, you are urged to develop a new means of grit disposal so that it does not enter the public waters of the state.

The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. Fifth Avenue, Portland, Oregon, beginning at 10:00 a.m. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
State Sanitary Engineer

HLS:ch

Attachment

cc: Medford District Office

CITY OF ROSEBURG

~~444 S. E. Rose Street~~
ROSEBURG, OREGON 97470
727 S. E. Cass Avenue

File No.
OREGON'S SANITARY AUTHORITY Waste Management Program
Received: APR 15 1968
Appl. No. 63

April 12, 1968

Oregon State Sanitary Authority
State Office Building
1400 S.W. 5th Ave.
Portland, Oregon 97201

Re: Waste Discharge Permit
Application No. 63

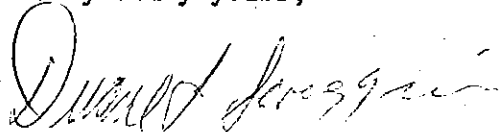
Gentlemen:

The preliminary proposed permit conditions submitted for our review April 2, 1968 are satisfactory.

We are also concerned with the manner of grit disposal at our plant and have begun contacting manufacturers of grit washing equipment for current prices and data. We hope to design an economical means of properly disposing of grit during the coming fiscal year. However, the earliest date funds may be available for any improvements is the 1969-70 fiscal year.

We will comply with the requirements of the proposed permit as funds have now been budgeted for year-round chlorination and testing.

Very truly yours,



Duane L. Scroggins, P. E.
Director of Public Works

DLS/vm

cc: City Manager

April 19, 1963

City of Roseburg
727 S. E. Cass Avenue
Suite 406, Pacific Building
Roseburg, Oregon 97470

Attention: Mr. Duane Scroggins, Director of Public Works

Gentlemen:

Re: Waste Discharge Permit
Application No. 63

The Sanitary Authority staff has revised the preliminary proposed Waste Discharge Permit conditions which were mailed to you earlier. A copy of the final draft of these revised conditions is attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1963, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Medford District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: City of Talent
 Expiration Date: 6/30/69
 Application No.: 300
 Date Received: 12/6/67
 County: Jackson
 River Basin: Rogue
 Receiving Stream: Bear Creek
 River Mile: 16.5

1. The permittee shall submit by July 1, 1968, a detailed program and time schedule for providing by July 1, 1969, approved waste treatment facilities adequate to insure that:
 - a. The average concentration of 5-day 20° C. Biochemical Oxygen Demand (BOD) in the effluent discharged shall not exceed 30 milligrams per liter (mg/l).
 - b. The average concentration of Suspended Solids in the effluent discharged shall not exceed 30 mg/l.
 - c. The effluent receives a minimum of 60 minutes of chlorine contact time at the average design flow before being discharged from the controlled confinement of the treatment facility.
2. At all times, all existing waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
3. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.07 million gallons per day (MGD).
4. At all times, the liquid effluent from the existing treatment facility shall receive the maximum disinfection possible with existing equipment prior to discharge from the controlled confinement of the treatment facility.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameter</u>	<u>Minimum Frequency</u>
Total Flow	Daily
Settleable Solids (influent and effluent)	2 times per week
pH (influent and effluent)	3 times per week
Chlorine Residual (effluent)	Daily
Pounds Chlorine Used	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system (pipelines, conduits, pumping stations, forcemains, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. No additional source of waste may be connected to the treatment facility and loads presently connected shall not be increased without prior written approval of the Sanitary Authority until needed modifications are approved and constructed.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

To: EJW

HEM

HLS

KHS

City of Talent

CITY HALL

P.O. BOX 445

TALENT, OREGON — 97540

April 16, 1968

Mr. Kenneth H. Spies,
Chief Engineer,
Oregon State Sanitary Authority,
1400 S. W. 5th Ave.,
Portland, Oregon 97201

Dear Mr. Spies:

In reference to your letter of March 28th, the City of Talent has completed it's planning for the sewage expansion program, which your office approved. Everything is in readiness as soon as the money is funded from the Farmer's Home Administration, which we expect to receive in the Federal budget of 1968-69.

In the meantime we are doing the best we can under the present circumstances.

Sincerely,

Granvil Brittsan
Granvil Brittsan, *by H.M.*
Mayor

GB:gm

OFFICE OF
REGISTERED PROFESSIONAL ENGINEERS
Oregon State Board of Trade

RECEIVED

APR 16 1968

DNF TEMP PERM

April 19, 1968

City of Talent
P. O. Box 445
Talent, Oregon 97540

Attention: Mr. Granvil Brittsan, Mayor

Gentlemen:

Re: Waste Discharge Permit
Application No. 300

The Sanitary Authority staff has revised the preliminary proposed Waste Discharge Permit conditions which were mailed to you earlier. A copy of the final draft of these revised conditions is attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Medford District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Josephine County School District -- Fleming Jr.
High School and Manzanita Elementary School

Expiration Date: 9/30/69

Application No.: 278


Date Received: 12/5/67

County: Josephine

River Basin: Rogue

Receiving Stream: Ditch to Jumpoff^{Joe} Creek

River Mile: Approx. 1 - 4.5

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will minimize waste discharges.
2. The average daily flow of sewage through the treatment facilities during any dry weather month shall not exceed the design flow of 0.027 million gallons per day (MGD).
3. During the period from June 1 to November 1, the quality of the sewage effluent discharged shall be governed by the following:
 - a. The monthly average effluent 5-day 20° C. BOD concentration shall not exceed 30 milligrams per liter (7.0 pounds of BOD per day).
4. At all times, the liquid effluent from the treatment facility shall receive adequate disinfection prior to discharge from the controlled confinement of the treatment facility. The effectiveness of disinfection shall be equivalent to that obtained by adequately mixing sufficient chlorine with the effluent to provide a minimum residual of 0.5 milligrams per liter after 60 minutes of contact time at the average design flow.
5. All screenings, grit, and sludge shall be disposed of in a manner approved by the Sanitary Authority such that it does not reach any of the waters of the state or create a health hazard or nuisance condition. A permanent record shall be maintained which indicates the quantity, method, and location of disposal of all sludge.
6. The permittee shall effectively monitor the operation and efficiency of the treatment plant and the quantity and quality of the effluent discharged. A permanent record of all such data shall be maintained at the plant. Data collected and recorded shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>PARAMETER</u>	<u>MINIMUM FREQUENCY</u>
For Package Extended Aeration Plant:	
a. Sludge Volume	Daily
For Lagoon	
a. Total Flow (influent and effluent)	Daily
b. Chlorine Residual	Daily

7. Reports shall be submitted to the Sanitary Authority at the end of each calendar month on prescribed forms and shall contain the following:
 - a. Routine monitoring data
 - b. Sludge disposal information
 - c. By-passing information
 - d. Maintenance shutdown information
 - e. Breakdown information
8. The sewerage system, (pipelines, conduits, and all other facilities used for collecting or conducting wastes to an ultimate point for treatment or disposal) shall be operated and maintained in a manner which will minimize waste discharges.
9. This permit allows the construction of sewer extensions and connections thereto provided that plans and specifications are submitted to and approved by the Oregon State Board of Health and the Sanitary Authority as required by ORS 449.245 and ORS 449.395.
10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
11. Whenever a change in the waste to be discharged in excess of the conditions of this permit is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

Josephine County School District -- Fleming Jr.
High School and Manzanita Elementary School

-3-

14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
15. This permit, or a photocopy thereof, shall be displayed at the treatment facility where it can be readily referred to by operating personnel.

SUMMARY OF THE SIGNIFICANT RECOMMENDED PERMIT CONDITIONS

NAME	TYPE OF WASTE	TYPE OF TREATMENT	RECEIVING STREAM	RECOM. EXPIR. DATE	SUMMER LIMITATIONS			SPECIAL REQUIREMENTS	COMMENTS
					FLOW	BOD	SUSP. SOLIDS		
Amalgamated Sugar Company	Sugar refining	Settling basins and inplant controls	Snake River	3/31/70	17 MGD	---	---	Proceed with program to reduce discharges by inplant controls	
Boise Cascade, Medford	Log pond overflow	---	Mingus Creek (to Bear Creek)	3/31/69	---	---	---	Screen pond outlet by May 1, 1968, minimize pond overflow by October 1968, collect and return log deck drainage to pond by March 1, 1969	
Brawand Custom Meats	Slaughter house	Septic tank and drain field	Ground	^{4 31 69} 12/31/73	---	---	---	Operate so no wastes are discharged to South Scappoose Creek	
Cascade Eggs	Chicken manure	Lagoon	Zollner Creek	9/30/69	---	---	---	Submit program by June 1, 1969, for providing adequate control by September 1, 1969	
Kummer Meat	Slaughter house	Lagoon	Dairy Creek	12/31/70	No overflow June 1 - November 1	---	---	Be prepared to connect to Hillsboro city system when sewer is available	
Lininger & Sons	Gravel wash waters	Settling ponds	Bear Creek	6/30/69	---	---	---	48 hrs. detention in settling pond, maximize recirculation. Turbidity less than 5 JTU above background	
Sheridan Pressure Treated Lumber	Pole treating plant	Evaporation	South Yamhill River	12/31/72	---	---	---	Operate so no wastes are discharged to South Yamhill River	
Willamette-Western Ivon	Cement wash	---	Willamette River	12/31/69	---	---	---	Turbidities less than 5 JTU above background	
Willamette-Western River	Gravel and cement truck wash	---	Willamette River	12/31/69	---	---	---	Turbidities less than 5 JTU above background	

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: The Amalgamated Sugar Company - Nyssa
 Expiration Date: 3/31/70
 Application No.: 142
 Date Received: 11/22/67
 County: Malheur
 River Basin: Malheur
 Receiving Stream: Snake River
 River Mile: 389.0

1. "Wastes," as used in this permit, refers to industrial process waters, cooling waters, sanitary wastes, and other liquid waste discharges cited in the permit application subject to the limitations and provisions imposed by the conditions of this permit.
2. All plant processes and waste treatment and disposal facilities shall be operated and maintained at all times at maximum efficiency and in a manner which will minimize waste discharges.
3. The permittee shall proceed with a program to further reduce waste discharges by in-plant controls consisting of recirculation, spillage prevention devices, and other necessary controls.
4. The average daily effluent flow shall not exceed 17,000,000 gallons per day.
5. The permittee shall effectively monitor the quantity and quality of each waste discharge. A record of all such data shall be maintained and submitted to the Sanitary Authority at the end of each calendar month during processing season. Data collected from each waste source and submitted shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameters</u>	<u>Minimum Frequency</u>
pH	Daily
Flow	Daily
Dissolved Oxygen (D.O.)	Daily
Biochemical Oxygen Demand (BOD)	3 times weekly
Suspended Solids	3 times weekly
Conductance	Daily
Temperature	Daily

6. Sanitary sewage shall either be discharged into the Nyssa municipal sewer system or disposed of by discharge to a septic tank and drain field which has been installed in accordance with regulations of the Oregon State Board of Health and the Malheur County Health Department.
7. All solids which are removed from the waste water are to be utilized or disposed of in a manner which will prevent their entry into the waters of the state.
8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the

permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.

9. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
10. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions relating to this permit.
11. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That a material change in quantity or strength of waste or type of waste disposal exists.
12. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Boise Cascade Corporation, Southern Oregon Area, Medford
Expiration Date: ~~3/1/69~~ 3/31/69
Application No.: 221
Date Received: 12/1/67
County: Jackson
River Basin: Rogue
Receiving Stream: Ditches to Mingus Creek, tributary of Bear Creek
River Mile:

1. The word "waste," as used in this permit, refers to sanitary sewage, boiler blow-down and cooling waters, log deck sprinkling waters, and log pond overflow.
2. All plant processes and waste treatment and disposal facilities shall be operated and maintained at all times at maximum efficiency and in a manner which will minimize waste discharges.
3. Prior to March 1, 1969, cutoff trenches and a pump shall be installed to collect and return all log deck sprinkling waste water to the log pond.
4. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department, or to an approved municipal sewer system.
5. Uncontaminated cooling waters may be discharged directly to Mingus Creek.
6. Facilities shall be provided by October 1968 to control the log pond such that no overflow occurs except as necessary to prevent overtopping of dikes during periods of heavy rainfall and runoff.
7. Prior to May 1, 1968, the pond outlet shall be screened or baffled so as to prevent any debris from being discharged into the waters of Mingus Creek when an overflow occurs.
8. Permission must be obtained from the Sanitary Authority prior to the draining of the log pond.
9. The permittee shall monitor each waste discharge for the following parameters and submit reports of the data collected to the Sanitary Authority immediately following the end of each calendar month, unless otherwise agreed to by the Sanitary Authority:
 - a. Cooling water and boiler blow-down discharges:

Flow	(weekly)
pH	(weekly)
Temperature	(weekly)
 - b. Log pond discharge (whenever necessary discharge occurs):

Date when discharge occurs.	
Flow	(weekly)
pH	(weekly)
Temperature	(weekly)

10. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other causes, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
11. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
12. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions relating to this permit.
13. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
14. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.

April 2, 1968

Boise Cascade Corporation
Southern Oregon Area
P. O. Box 100
Medford, Oregon 97501

Attention: Mr. George C. Flanagan, Regional Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 221

The Sanitary Authority staff has reviewed your application for a Waste Discharge Permit. Preliminary proposed permit conditions have been prepared and are attached. You are invited to submit any comments you may have regarding these proposed conditions in writing before April 18, 1968. After that date, final proposed conditions will be prepared and copies will be forwarded you, if significant changes are made, and to the members of the Sanitary Authority.

The Sanitary Authority will be requested to take action to issue a permit containing the final proposed conditions at the meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. Fifth Avenue, Portland, Oregon, beginning at 10:00 a.m. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
State Sanitary Engineer

HLS:an
Attachment

cc: Medford District Office

Call



BOISE CASCADE TIMBER PRODUCTS
WEST OREGON REGION
P. O. Box 100 • Medford, Oregon 97501
Telephone (503) 772-7146

File No.
OREGON STATE SANITARY AUTHORITY Waste Discharge Permit Program
Received: APR 11 1968
Appl. No. 221

April 9, 1968

Oregon State Sanitary Authority
State Office Building
1400 S. W 5th Avenue
Portland, Oregon 97201

Attention: Mr. Kenneth R. Spies, State Sanitary Engineer

Gentlemen:

We have made a careful study of the proposed conditions pertinent to our waste discharge permit application number 221. In general, they appear to requirements that we can meet with reasonable effort and capital expenditure.

Compliance with condition number 6 will necessitate installation of regulating gates at the pond inlet, and construction of a diversion ditch with sufficient capacity to bypass normal surface runoff from the area south of our plant site. This project will involve the movement of considerable volumes of earth and is scheduled for construction as soon as the area is dry enough to allow the operation of heavy equipment.

We feel that the sampling schedules specified in conditions 9a and 9b may be unnecessarily frequent for this particular situation. The flow, ph and temperature of cooling and blowdown water from the power house are carefully controlled and show almost no variation. It would appear that a monthly sample of this discharge should give an adequate indication of the content of this water. The great volume of water in the log ponds as compared with any probable circulation makes us wonder if tests of overflow at minimum intervals of one or two weeks (or the equivalent in case of intermittent flow) would not detect any significant change in the parameters to be monitored. We have contacted Medford Laboratories about making tests for suspended solids and biological oxygen demand, but as yet have received no indication as to whether they are set up to make this type of test.

Very truly yours,

BOISE CASCADE CORPORATION
West Oregon Region

R. B. Parrish
Assistant Region Manager

RBP/RV/mjt

April 19, 1968

Boise Cascade Corporation
Southern Oregon Area
P. O. Box 100
Medford, Oregon 97501

Attention: Mr. George C. Flanagan, Regional Manager

Gentlemen:

Re: Waste Discharge Permit
Application No. 221

The Sanitary Authority staff has revised the preliminary proposed Waste Discharge Permit conditions which were mailed to you earlier. A copy of the final draft of these revised conditions is attached for your information.

The Sanitary Authority will be requested to take action to issue a permit containing these final proposed conditions at its meeting on April 26, 1968, to be held in Room 36, State Office Building, 1400 S. W. 5th Avenue, Portland, Oregon, beginning at 10:00 A.M. You may appear at the meeting if you so desire.

Very truly yours,

Kenneth H. Spies
Secretary and Chief Engineer

HLS:an
Attachment

cc: Medford District Office

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Brawand Custom Meat Plant
Expiration Date: 12/31/73
Application No.: 257
Date Received: 12/4/67
County: Columbia
River Basin: Columbia
Receiving Stream: Ground (South Scappoose Creek)
River Mile: 5.5

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will permit no waste discharge to the South Scappoose Creek.
2. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence. A permanent record shall be maintained of all such occurrences.
3. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
4. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
 - c. That a material change in quantity or strength of waste or type of waste disposal exists.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Cascade Eggs, Inc.

Expiration Date: September 30, 1969

Application No.: 148

Date Received: November 30, 1967

County: Marion

River Basin: Willamette

Receiving Waters: Zollner Creek

River Mile:

1. The words "waste" or "effluent" as used in this permit refer to lagoon overflow, lagoon seepage, excess drinking water and other liquid waste discharges resulting from the operation of the permittee.
2. All plant processes and waste treatment and disposal facilities shall be operated and maintained at all times at maximum efficiency and in a manner which will minimize waste discharges.
3. The permittee shall submit by June 1, 1969, a detailed program and time schedule for providing by September 1, 1969, an adequate liquid handling and recycle facility or a dry handling program to insure no waste discharge to Zollner Creek.
4. In the interim, if seepage occurs, or if and when it appears that an overflow from the manure waste lagoons will occur, the permittee shall immediately notify the Sanitary Authority.
5. The permittee shall effectively monitor all wastes discharged. A record of all such data shall be maintained and submitted to the Sanitary Authority at the end of each calendar month. Data collected and submitted shall include, but not necessarily be limited to, the following parameters and minimum frequencies:

<u>Parameters</u>	<u>Minimum Frequency</u>
flow (estimate)	daily
general observations of outfall and river conditions (related to waste discharge)	twice weekly (T, Th.)
a. discoloration	
b. foam	
c. odor	
d. slime	
e. deposits	
6. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department.
7. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown

Cascade Eggs

of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.

8. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data and carrying out other necessary functions relating to this permit.
9. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Kummer Meat Company, Inc.
Expiration Date: 12/31/70
Application No.: 66
Date Received: 11/24/67
County: Washington
River Basin: Willamette
Receiving Stream: Dairy Creek
River Mile:

1. The words "waste" or "effluent", as used in this permit, refer to the total volume of contaminated washdown water to be discharged from the facilities operated by the permittee.
2. All plant processes and waste treatment and disposal facilities shall be operated and maintained at all times at maximum efficiency and in a manner which will minimize waste discharges.
3. Total blood separation shall continue to be practiced, and the separated blood is to be utilized or disposed of in a manner which will prevent its entry into the waters of the state.
4. Such grease traps as have been approved by the Sanitary Authority are to be maintained in an efficient operating condition by skimming of grease and removal of settled solids daily.
5. The permittee shall be prepared to discharge all sanitary and industrial wastes into an expanded Hillsboro municipal sewerage system within 30 days of receiving a sewer connection notification.
6. In the interim period, until all wastes are discharged to the Hillsboro municipal system, the following conditions shall govern:
 - a. No overflow from the waste holding lagoon shall be allowed from June 1 to November 1.
 - b. All solids which are removed from the waste water are to be utilized or disposed of in a manner which will prevent their entry into the waters of the state.
 - c. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department.
7. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
8. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.

9. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions relating to this permit.
10. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
11. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.

Kummer Meat Company

648-4104

WHOLESALE MEATS • U. S. INSPECTED

P. O. Box 159
32215 Tualatin Valley Highway
HILLSBORO, OREGON 97123

April 4, 1968

File No.

OREGON STATE HEALTH DEPARTMENT
Waste Discharge Permit Program

Received: APR 4 1968

App. No. 66

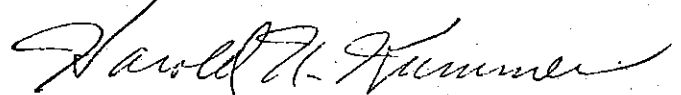
Kenneth H. Spies
State Sanitary Engineer
1400 S. W. 5th Avenue
Portland, Oregon 97201

Dear Sir:

Re: No. 66 Discharge Permit

We agree with the recommended waste discharge permit conditions as outlined in your letter of April 2, 1968.

Very truly yours,



Harold N. Kummer, Pres.
KUMMER MEAT COMPANY, INC.

HNK;jj

Water Pollution Control
Oregon State Board of Health
RECEIVED
APR 8 1968

___CNF___TEMP___PERM

CITY OF HILLSBORO

LLOYD T. ANDERSON
Mayor
J. W. BARNEY
City Manager
E. M. BOWMAN
City Recorder
E. M. BOWMAN
City Treasurer
C. F. BRADLEY
City Attorney

COUNCILMEN
DR. R. V. LANCE, Ward 1
ARTHUR L. REILING, Ward 1
EMORY R. DYE, Ward 2
COL. LORIN K. JOHNSON,
Ward 2
HOWARD L. FRASER, Ward 3
ARNIE DICKASON, Ward 3

HILLSBORO, OREGON 97123

11 April, 1968

File No.

OREGON STATE SANITARY AUTHORITY
Waste Discharge Permit Program

Received: APR 12 1968

Appl. No. 66

Oregon State Sanitary Authority
State Office Bldg.
1400 S.W. 5th Avenue
P.O. Box 231
Portland, Oregon 97201

Attention: Mr. Harold L. Sawyer, Supervisor, Waste Discharge Permit Program

Subject: Application No. 66 Kummer Meat Company, Inc.

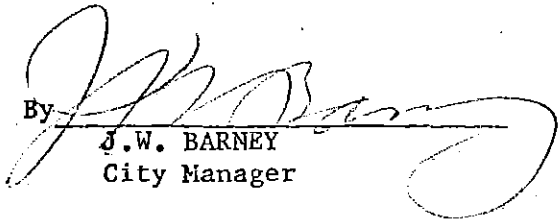
Gentlemen:

I have examined the preliminary draft of recommended Waste Discharge Permit conditions for the Kummer Meat Company, and I see nothing wrong with the provisions as outlined in the preliminary draft.

I am not familiar with the grease traps, etc. they have on the premises. However, I presume these are satisfactory and assuming also that the blood separation program has been satisfactory and is to be continued as in the past.

Very truly yours,

CITY OF HILLSBORO

By 
J.W. BARNEY
City Manager

JWB:LV

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: M. C. Lininger & Sons (Medford)
Expiration Date: ~~6/1/69~~ 6/30/69
Application No.: 233
Date Received: 12/1/67
County: Jackson
River Basin: Rogue
Receiving Stream: Bear Creek
River Mile:

1. The word "waste", as used in this permit, refers to sanitary sewage and gravel wash water.
2. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department, or to an approved municipal sewer system.
3. Settling ponds shall be provided and maintained such that a minimum of 48 hours detention is provided.
4. Wash waters shall be recirculated to the maximum degree possible to minimize overflow.
5. All solids which are removed from the gravel wash water are to be sold, utilized or disposed of in a manner which will prevent their entry into the waters of the state.
6. No wastes shall be discharged which, either alone or in combination with other wastes, will cause turbidities in the waters of Bear Creek to exceed 5 Jackson Turbidity Units above natural background, unless specifically authorized by the Sanitary Authority.
7. No wastes shall be discharged and no activities shall be conducted which, either alone or in combination with other wastes or activities, will cause the formation of appreciable bottom or sludge deposits or the formation of any organic or inorganic deposits in the waters of Bear Creek which will be deleterious to fish or other aquatic life, or injurious to public health, recreation or industry.
8. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
9. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.

10. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions relating to this permit.
11. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.
12. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Sheridan Pressure Treated Lumber, Inc.
Expiration Date: 12/31/72
Application No.: 203
Date Received: 11/30/67
County: Yamhill
River Basin: Willamette
Receiving Stream: South Yamhill River
River Mile:

1. At all times, all waste treatment facilities and equipment shall be operated and maintained at maximum efficiency and in a manner which will permit no waste discharge to the South Yamhill River.
2. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department.
3. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
4. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions related to this permit.
5. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Willamette-Western Corporation (Ivon Street Plant)
Expiration Date: 12/31/69
Application No.: 100
Date Received: 11/28/67
County: Multnomah
River Basin: Willamette
Receiving Stream: Willamette River
River Mile: 13.0

1. The words "waste" or "effluent", as used in this permit, refer to cement wash and sanitary waste waters.
2. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department, or by other approved means.
3. All wash waters shall be disposed of in a manner such that, either alone or in combination with other wastes, they will not cause turbidities in the Willamette River to exceed 5 Jackson Turbidity Units above natural background, unless specifically authorized by the Sanitary Authority.
4. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
5. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
6. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data, and carrying out other necessary functions relating to this permit.
7. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
8. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

RECOMMENDED WASTE DISCHARGE PERMIT CONDITIONS

Applicant: Willamette-Western Corporation (River Street Plant)
Expiration Date: 12/31/69
Application No.: 101
Date Received: 11/28/67
County: Multnomah
River Basin: Willamette
Receiving Stream: Willamette River
River Mile: 11.5

1. The words "waste" or effluent," as used in this permit, refer to gravel and cement truck wash waters and sanitary waste waters.
2. Sanitary wastes shall be disposed of to a septic tank and drain field system which has been installed in accordance with the recommendations of the Oregon State Board of Health and the local county health department, or by other approved means.
3. Wash waters shall be recirculated to the maximum degree possible to minimize overflow.
4. All wash waters shall be disposed of in a manner such that, either alone or in combination with other wastes, they will not cause turbidities in the Willamette River to exceed 5 Jackson Turbidity Units above natural background, unless specifically authorized by the Sanitary Authority.
5. In the event the permittee is temporarily unable to comply with any of the conditions of this permit, due to breakdown of equipment or other cause, the permittee shall immediately notify the Sanitary Authority of the breakdown or cause, and the steps taken to correct the problem and prevent its recurrence.
6. Whenever a change which results in an increase in the wastes to be discharged is anticipated, a new application shall be submitted together with the necessary reports, plans, and specifications for the proposed changes. No change shall be made until plans are approved and a new permit issued.
7. Authorized representatives of the Sanitary Authority shall be permitted access to the premises of all facilities owned and operated by the permittee at all reasonable times for purposes of making inspections, surveys, collecting samples, obtaining data and carrying out other necessary functions relating to this permit.
8. In the event that a change in the conditions of the receiving waters results in a dangerous degree of pollution, the Sanitary Authority may specify additional conditions to this permit.
9. This permit is subject to termination if the Sanitary Authority finds:
 - a. That it was procured by misrepresentation of any material fact or by lack of full disclosure in the application submitted.
 - b. That there has been a violation of any of the conditions contained herein.

O F F I C E M E M O R A N D U M

TO: Members of the Sanitary Authority

John D. Mosser, Chairman
Edward C. Harms, Jr.
B. A. McPhillips
Herman P. Meierjurgan
Storrs Waterman
Kenneth H. Spies, Secretary

FROM: Arnold Silver, Legal Counsel

SUBJECT: Status Report - Legal Action Filed Against the State Sanitary Authority, and American Can Company (Halsey)

On April 5, 1968, Judge Roland Rodman of the County Circuit Court, entered an order quashing service of process upon the Sanitary Authority and American Can Company. The order was entered after argument before the court and after briefs were filed at the request of the Judge.

The basis of the order was upon the ground that the Sanitary Authority had not been properly served. The present status, is therefore, as if no law action had been filed at all. Newspaper reports from Eugene indicate the League will hold a meeting to decide what action to take, if any.

ABS:cg

M E M O R A N D U M

TO: The State Sanitary Authority:

John D. Mosser, Chairman
B. A. McPhillips
Edward C. Harms, Jr,
Herman P. Mierjurgan
Storrs Waterman
Kenneth H. Spies, Secretary

FROM: Arnold B. Silver - Legal Counsel

SUBJECT: Status Report: Pollution of the Sandy River near Troutdale

On April 16, 1968, a public hearing was held in the State Office Building, before Marion Lamb, the duly appointed hearings officer of the Sanitary Authority, to consider pollution of the Sandy River.

I am advised that the Sanitary Authority has carried its burden of proof in the matter and established pollution of the Sandy River by the parties cited to appear by notice of hearing.

Pursuant to ORS 183.460 a proposed decision, including findings of fact and conclusions of law will be entered by the hearings officer and served upon the adverse party.

The Sanitary Authority will then consider the record and transcript as a whole to either affirm or modify the proposed decision. The procedure is established by ORS 449.088, 183.460 and our Administrative Rules 31 - 145, 31 - 150, and 31 - 155.

A transcript has been ordered and will be submitted to the Authority, along with the record as soon as it is received by counsel.

TO : Members of Oregon State Sanitary Authority
 Mr. John D. Mosser, Chairman Mr. Herman P. Meierjorgen
 Mr. Storrs S. Waterman Mr. Edward C. Harms, Jr.
 Mr. B. A. McPhillips

FROM : Air Quality Control

DATE : April 26, 1968

SUBJECT: Allocation of State Funds under Air Quality Regional Centers Act

The staff has received and reviewed the Federal Clean Air Grant Application of the Mid-Willamette Valley Air Pollution Authority for the period July 1, 1968 to June 30, 1969. The application includes a request for State matching funds in the amount of \$9,024. The total funding is proposed as follows:

<u>Local</u>	<u>State</u>	<u>Federal</u>	<u>Total</u>
\$18,045	\$9,024	\$81,007	\$108,076

The budget, a copy of which is attached, includes 8-1/4 staff positions, equipment for the office, sampling equipment, and initiation of laboratory facilities.

RECOMMENDATION:

It is the recommendation of the staff that monies be allocated to the Mid-Willamette Valley Air Pollution Authority for the period July 1, 1968 to June 30, 1969 in the amount of \$9,024, in accordance with Oregon Laws 1967, Chapter 425.

NOTE:

The Legislature provided State matching funds in the amount of \$95,888 for the biennium to support Local and Regional Air Quality Control Programs. (The amount was subsequently reduced to \$90,680.)

To date the following allocations of State funds have been made:

<u>To Agency</u>	<u>Date Approved</u>	<u>Covering Period</u>	<u>Amount</u>
Mid-Willamette Valley Air Pollution Authority	9-30-67	10-2-67 to 6-30-68	\$ 7,449
Lane Regional Air Pollution Authority	12-28-67	1-1-68 to 6-30-68	9,677
Columbia-Willamette Air Pollution Authority	12-28-67	1-1-68 to 1- 1-69	<u>30,180</u>
		Subtotal	\$48,306
Mid-Willamette Valley Air Pollution Authority	Current Application	7-1-68 to 6-30-69	<u>9,024</u>
		Subtotal	\$57,330

(Additional expected requests during biennium will include Lane Regional Air Pollution Authority - \$9,677 and Columbia-Willamette Air Pollution Authority - \$15,090.)

MID-WILLAMETTE VALLEY AIR POLLUTION AUTHORITY

1968-69 BUDGET

CONTRIBUTIONS

<u>County</u>	<u>* Population</u>	<u>%</u>	<u>** Counties' Cost</u>	<u>** State 50%</u>	<u>Total Non-Federal</u>	<u>Federal</u>
Benton	39,165	14.1	\$ 2,545	\$1,272	\$ 3,817	\$11,422
Linn	58,867	21.2	3,825	1,913	5,738	17,174
Marion	120,888	43.5	7,850	3,926	11,776	35,237
Polk	26,523	9.5	1,714	857	2,571	7,696
Yamhill	<u>32,478</u>	<u>11.7</u>	<u>2,111</u>	<u>1,056</u>	<u>3,167</u>	<u>9,478</u>
TOTALS	277,921	100.0	\$18,045	\$9,024	\$27,069	\$81,007

Average per capita costs:

Counties	5.4¢
State	2.7¢
Federal	<u>24.2¢</u>
Total:	32.3¢

EXPENDITURES:

I. Personnel	\$ 77,625
II. Equipment - Office, Field and Laboratory	5,150
III. Supplies	5,825
IV. Travel	6,582
V. Other	<u>12,894</u>
	\$108,076

* Based on 1960 Federal Census

** The above figures include \$67 in non-matching funds (see budget), of which the State share is \$23 and the counties' share is \$44, divided as follows: Benton-\$7; Linn-\$9; Marion-\$19; Polk-\$4; Yamhill-\$5.

*** See following pages for details of expenditures.

	<u>Monthly Rate</u>	<u>Annual Cost</u>	<u>Sub- Total</u>	<u>Total</u>
I. <u>PERSONNEL</u>				
Director	\$ 1,030	\$12,360		
Engineer III	950	11,400		
Engineer II	810	9,720		
Air Specialist III	745	8,940		
Air Specialist II	625	7,500		
Air Specialist II	625	7,500		
Chemist II	655	7,860		
Administrative Secretary	480	5,760		
Clerk-Typist II (1/4 time)	310	930	\$71,970	
Employer's Contribution @ 7.8%				
Social Security		\$ 3,336		
Retirement		1,238		
Health Insurance		800		
S.I.A.C.		281	5,655	\$77,625
II. <u>EQUIPMENT</u>				
A. <u>Office</u>				
2 desks and chairs @ \$200 ea.		\$ 400		
Copier (joint-use) lease/purch. option		250	\$ 650	
B. <u>Field</u>				
6 H.V. @ \$200 ea.		\$ 1,200		
Stack sampling equipment		500		
2 wind systems @ \$800 ea.		1,600		
1 Effects station @ \$150		150		
1 Sequential Sampler @ \$600		600	4,050	
C. <u>Laboratory</u>				
Syringes		\$ 200		
5 Evacuated Flasks @ \$30 ea.		150		
12 Midget Impingers		100	450	5,150
III. <u>SUPPLIES</u>				
A. <u>Office</u>				
Postage, freight and express		\$ 200		
Communication		1,500		
Equipment service		400		
Supplies, reproduction, pamphlets and other educational materials		1,200		
Reports		500	\$ 3,800	
B. <u>Field</u>				
Motor repair and parts		\$ 200		
Wind system repairs		200		
Filters, tapes and wind charts		775		
Field equipment accessories		100	1,275	
C. <u>Laboratory</u>				
Chemicals and glassware breakage		\$ 750	750	5,825

	<u>Annual Cost</u>	<u>Sub- Total</u>	<u>Total</u>
IV. <u>TRAVEL AND TRANSPORTATION</u>			
A. <u>Agency Station Wagons</u>			
3 station wagons - 1900 miles per month @ 6¢ per mile - \$342 per month	\$ 4,104		
1 station wagon - 1000 miles per month @ 6¢ per mile - \$60 per month	<u>720</u>	\$ 4,824	
B. <u>Private Vehicle Travel</u>			
425 miles per month @ 8¢ per mile - \$34 per month	<u>\$ 408</u>	408	
C. <u>Meals for Conferences and Out of Region Travel</u>			
	<u>\$ 500</u>	500	
D. <u>Out of Region Travel and Lodging for Meetings, Seminars and Conferences</u>			
Trip for one to APCA Nat'l. Convention	\$ 250		
PHS - North Carolina, for one	300		
Two close region meetings	150		
Other: PNWIS-APCA, etc.	<u>150</u>	850	\$ 6,582
V. <u>OTHER</u>			
A. <u>Rent</u>			
Office - 1100 sq. ft.) \$500 + \$115			
Warehouse - 400 sq. ft.) (misc.) =			
Laboratory - 400 sq. ft.) \$615 per mo.	<u>\$ 7,380</u>	\$ 7,380	
B. <u>Insurance</u>			
Auto comprehensive & collision	\$ 287		
Auto liability & property damage	360		
Building fire insurance) Non-	7		
Equipment: fire, theft ins.) Matching	<u>60</u>	714	
C. <u>Registration and Tuition Fees for Training Sessions, Conferences and Seminars</u>			
	<u>\$ 300</u>	300	
D. <u>Consultant Services</u>			
Meteorologist	\$ 1,000		
Engineer	1,000		
Attorney	<u>2,500</u>	4,500	12,894
GRAND TOTAL			<u><u>\$108,076</u></u>

67

108,069

RESOLUTION

WHEREAS, the State of Oregon has established specific standards of quality for the public waters and air within the state, and

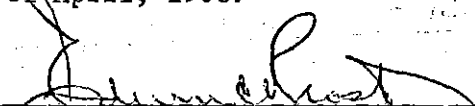
WHEREAS, the State of Oregon has enacted the necessary laws to provide for the implementation and enforcement of these standards for air and water quality, and

WHEREAS, the Oregon State Sanitary Authority has initiated plans and procedures for effecting compliance with the established standards by all agencies, individuals, industries, municipalities and communities within the State of Oregon, and


WHEREAS, the procedures established by the State Sanitary Authority provide a reasonable period of time in which to effect compliance,

NOW THEREFORE BE IT RESOLVED that the Jackson County Chapter of the Izaak Walton League of America fully supports the Oregon State Sanitary Authority in its actions to effect ~~strict~~ compliance with the established standards for air and water quality, and in the enforcement of the laws of the State of Oregon.

Adopted by the Jackson County Chapter of the Izaak Walton League of America on the 15th day of April, 1968.



Edwin C. Frost, President



Edwin B. Abbott, Secretary