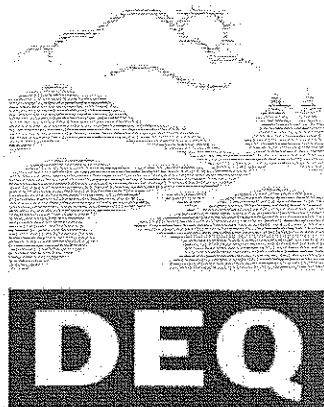


7/24/1969

**OREGON
ENVIRONMENTAL QUALITY
COMMISSION MEETING
MATERIALS**



State of Oregon
**Department of
Environmental
Quality**

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AGENDA

Environmental Quality Commission Meeting

9:00 a.m., July 24, 1969

Room 100, Josephine County Court House, Grants Pass, Oregon

- A. Rogue River Water Quality Standards Public Hearing
- B. Minutes of 141st Meeting (June 27-28, 1969)
- C. Project plans for June 1969
- D. Status of Air and Water Pollution Control in Grants Pass area
- E. Mt. Pitt Lumber Co., Medford - wigwam waste burner
- F. Regional Air Pollution Authority State Grant requests
- G. Waste Discharge Permits (Renewals)
 - 1. Medford
 - 2. Grants Pass
 - 3. South Suburban Sanitary District
 - 4. Chiloquin
- H. Klamath Plywood, Klamath Falls
- I. Proposed Research Project by Oregon State University Air Research for establishing relationship between field burning visibility and particulate loading at Eugene

MINUTES OF FIRST MEETING
of the
Oregon Environmental Quality Commission
July 24, 1969

The first meeting of the Oregon Environmental Quality Commission, successor to the State Sanitary Authority, was called to order by the Chairman at 9:07 a.m., Thursday, July 24, 1969, in Room 100 of the Josephine County Court House, Grants Pass, Oregon. Members present were B.A. McPhillips, Chairman, Edward C. Harms, Jr., George A. McMath, H.P. Meierjurgan and Storrs S. Waterman.

Participating staff members included Kenneth H. Spies, Director; E. Jack Weathersbee, Deputy Director; Arnold B. Silver, Legal Counsel; Harold M. Patterson and W.C. Westgarth, Division Directors; J.A. Jensen, Chief Engineer; Harold L. Sawyer and E.R. Lynd, Supervising Engineers; Ron C. Householder, Harold W. McKenzie and Roger C. Sherwood, Associate Engineers; Glen D. Carter, Water Quality Analyst; and Leo L. Baton and C. Kent Ashbaker, District Engineers.

ROGUE RIVER WATER QUALITY STANDARDS PUBLIC HEARING

Proper notice having been given as required by statute and copies of the proposed standards having been sent to the interested parties, a public hearing was held for the purpose of considering the adoption of special water quality standards for the Rogue River and its tributaries.

Mr. Carter, Department staff member, presented a prepared statement, a copy of which has been made a part of the Department's permanent files, which reviewed the proposed standards and the plan for implementing them. As part of his statement he read from the proposed standards all of Table A (the list of beneficial uses to be protected), all of Section I - Special Water Quality Standards, all of Section II - Minimum Standards for Treatment and Control of Wastes, and all of the Department's Proposed Program of Implementation.

He recommended that Table A and Sections I and II be adopted by the Commission as administrative rules and that the Proposed Program of Implementation be adopted as administrative policy.

Mr. Jack McMahon, representative of the Grants Pass Chamber of Commerce, testified that tourism is a \$20,000,000 per year industry in Josephine County and consequently clean air and water are considered most essential. He said one of their major concerns is the raw or inadequately treated sewage which allegedly is discharged into the Rogue River from private homes along the river banks. He said there should be more inspections made and more control exercised over such discharges. He admitted that there are major sources of air pollution caused by industry but he claimed that it is hard for local citizens or groups of citizens to complain about or criticize large industry when they are dependent upon industry for much of their economic base.

In reply to Mr. McMahon the Commission members pointed out that the staff of the Department is extremely limited in number, that it must have the full cooperation of the general public and the local agencies, that strong public support promotes support on the part of the violators, that in general cooperation of industry and the public is improving throughout the state, that most industry now wants to be a good neighbor, and that the general effect of adopting special water quality standards is faster action on the part of the violators to correct their deficiencies.

Mr. Ward Armstrong, representative of the Association of Oregon Industries (AOI), said his organization is concerned primarily about the effects of the standards on the logging industry. He referred particularly to the temperature and turbidity standards and indicated that in many cases it will be impossible to conduct logging operations that would not in some way violate the proposed standards. He urged the Commission to delay adoption of the proposed standards for the Rogue River system until some changes can be worked out and until the standards for all the other interstate waters have been drafted.

Mr. Harms said he did not agree that adoption of the standards should be delayed. Mr. McPhillips said if we had to wait until we had all the answers the program would never get started.

There was then a discussion about leaving a corridor along the stream banks and the type and amount of growth to be left.

Dr. James T. Krygier of the School of Forestry, Oregon State University, said he had not intended to make a statement but after listening to the discussion he thought he better mention some of the findings of the studies that have been and are being conducted by Oregon State University. He mentioned specifically the studies that have been under way for the past four years in the Alsea watershed. He said that due to solar radiation temperature changes in the river water as a result of logging operations can be quite drastic, that even when stream side strips are left the temperature increase could be more than the allowed 2°F., that 58°F. is the maximum monthly average temperature in an unlogged watershed, and that the maximum diurnal variation can be as much as 14°F.

He objected to the 30 JTU standard for turbidity. He thought it would be better to use parts per million of suspended matter. He stated that sediment will reach the stream even through stream side strips.

In response to a question by Mr. Waterman he said that following a logging operation it would take some 4 or 5 years, depending on the rate of regrowth, to overcome the effects.

The Chairman commented that the Commission realizes that the proposed standards are not perfect but they are subject to change and a start has to be made some place.

Mr. John McKean, Director of the Oregon State Game Commission, then presented a statement for both the Game and the Fish Commissions of Oregon. He said that the two Commissions had examined the proposed water quality and waste treatment standards for the Rogue River Basin and had concluded that the proposed standards will provide a productive environment for both resident and anadromous fish populations.

He commended the Department of Environmental Quality for its initiative and the high standards that have been proposed.

There being no one else present who wished to make a statement regarding this matter, the Director read for the record two letters that had been received prior to the meeting. The first one was dated July 22, 1969 and signed by Archie D. Craft, State Director of the Bureau of Land Management, and the second one was dated July 17, 1969 and signed by F.B. Klaboe, Assistant State Highway Engineer, Oregon State Highway Department. Both agencies concurred with the proposed standards.

Mr. Waterman said he thought the goal should be to maintain the water temperature/^{standard}high enough to support fish life but not to preclude all operations on the watershed. He suggested that language similar to that in the turbidity standard be added to the temperature standard.

The meeting was then recessed at 10:35 a.m. and reconvened at 10:45 a.m.

It was MOVED by Mr. Meierjorgen, seconded by Mr. Harms and carried that the water quality and waste treatment standards including Table A as proposed by the staff for the Rogue River Basin be adopted by the Commission as administrative rules.

It was then MOVED by Mr. Harms, seconded by Mr. McMath and carried that the program of implementation including Tables B and C as proposed by the staff for the Rogue River Basin be adopted by the Commission as administrative policy.

Later in the meeting a letter regarding this matter was received from the Pacific Power and Light Company. It was dated July 24, 1969 and written by Jack T. Stiles, Vice President.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the letter from the Pacific Power and Light Company be entered in the record. It was then read by the Director.

MINUTES OF 141st MEETING (June 27-28, 1969)

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the minutes of the 141st meeting of the State Sanitary Authority be approved as prepared by the Secretary.

PROJECT PLANS FOR JUNE 1969

It was MOVED by Mr. Harms, seconded by Mr. Waterman and Mr. Meierjorgen and carried that the actions taken by the staff during the month of June on the following 38 water pollution control and 1 air quality control projects be approved:

Water Pollution Control

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
6/3/69	Eugene	Nine sewer projects	Prov. app.
6/4/69	Prineville	Chlorination facilities	Prov. app.
6/4/69	Albany	Sewers	Prov. app.
6/5/69	Millersburg School	Chlorination facilities	Prov. app.

Water Pollution Control (continued)

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
6/4/69	Springfield	Laksonnen Park sewers	Prov. app.
6/5/69	Lake Oswego	Jean Road sewer	Prov. app.
6/6/69	Harrisburg	Market Rd. - Sommerville Loop	Prov. app.
6/6/69	Sunset Valley S.D.	Sludge processing facilities	Prov. app.
6/6/69	Metzger San. Dist.	Priv. property near Greenburg Road sewer	Prov. app.
6/9/69	Hillsboro	Cedar Park, Plat #3, sewers	Prov. app.
6/9/69	Forest Grove	Projects SS43 & SS52 sewers	Prov. app.
6/9/69	Oak Lodge S.D.	Greenview Estates sewers	Prov. app.
6/9/69	Metzger San. Dist.	S.W. Birch Street sewer	Prov. app.
6/9/69	Metzger San. Dist.	S.W. 82nd & Thorne St. sewer	Prov. app.
6/9/69	Springfield	Gateway Street sewer	Prov. app.
6/9/69	Hubbard	Hoodview Mobile Estates sewers	Prov. app.
6/9/69	Aloha San. Dist.	Alice Park Addition sewers	Prov. app.
6/9/69	Aloha San. Dist.	Loar-A-Lane Subd. sewer	Prov. app.
6/9/69	Aloha San. Dist.	Strawberry Knoll Subd. sewer	Prov. app.
6/9/69	Portland	PSC Urban Renewal sewers	Prov. app.
6/10/69	Winchester Bay	Sewerage Report	Prov. app.
6/10/69	Hillsboro	PermaPost Industrial Waste Water Treatment System	Prov. app.
6/10/69	Lake Oswego	Mt. Park, Phase 3, sewer	Prov. app.
6/10/69	Lebanon	Nichol's Addition, Block 8 Sewer	Prov. app.
6/11/69	Gresham	Paropa Ridge Acres, Unit #2 Sewer	Prov. app.
6/11/69	Beaverton	Juanita Subd. sewers	Prov. app.
6/16/69	Gladstone	Sellers Addn. #2 Subd. sewers	Prov. app.
6/16/69	Somerset West	Holding pond and pumping sta.	Prov. app.
6/17/69	Mult. Co. (East)	Skyport Industrial Park pump station	Prov. app.
6/18/69	Dallas	Godsey Road-Miller Avenue sewers and pump station	Prov. app.
6/18/69	Tualatin	Sewage treatment plant	Prov. app.
6/19/69	McMinnville	Sewage treatment plant report	Prov. app.
6/23/69	Dee - U.S. Plywood	Prel. plans for ind. waste treatment	Prov. app.
6/24/69	Estacada	Westerberg Subd. sewer	Prov. app.
6/24/69	Forest Grove	Forest Fiber Products, Phase I, treatment	Prov. app.
6/24/69	Dallas	Willamette Industries industrial waste treatment	Prov. app.
6/27/69	Eugene	Alley between Broadway and 10th Avenue sewer	Prov. app.
6/30/69	Klamath Falls	Klamath Plywood industrial waste treatment	Prov. app.

Air Quality Control

<u>Date</u>	<u>Location</u>	<u>Project</u>	<u>Action</u>
6/3/69	Prairie City	Strawberry Post & Pole Co., Proposed WWWB	Add. info. requested

STATUS OF AIR POLLUTION CONTROL IN GRANTS PASS AREA

Mr. Ronald C. Householder of the Department's staff presented a report on the status of air pollution control in the Grants Pass area. He reported that the majority of air pollution sources in this area are related to the wood products industry and include wigwam waste burners, plywood and veneer plants, wood fired boilers, and cyclone emissions, that one other major source is an asphalt plant although it does have collection and control equipment, that other minor sources include improperly operated incinerators, open burning and land clearing operations, that there are presently 12 wigwam burners in the area but 2 of them are scheduled to be phased out of operation later this summer and four others are expected to be abandoned in the near future.

MT. PITT LUMBER CO., MEDFORD

Mr. McKenzie of the Department's staff reported that the Mt. Pitt Lumber Co. had awarded the contract for installation of its required wood residue disposal system, that the installation had been delayed some three weeks by a strike, and that it would now be completed by August 4, 1969, instead of July 7. No action by the Commission was considered necessary at this time.

REGIONAL AIR POLLUTION AUTHORITY STATE GRANTS

Mr. Patterson presented a brief staff report covering the requests for state grants for fiscal year 1969-1970 which had been received from the three regional air pollution authorities. He pointed out that it now appears that the requests of the regions for the current biennium will be several thousands of dollars in excess of the funds appropriated by the 1969 Legislature. The appropriation was \$145,000 and the total amount needed is now estimated at \$163,022. The requests for the current year total \$64,977 (\$30,250 for Columbia-Willamette, \$23,239 for Lane, and \$11,488 for Mid-Willamette).

It was MOVED by Mr. Waterman, seconded by Mr. Harms and carried that state grants in the amount of \$64,977 as requested by the three regions be approved for this fiscal year with the admonition that the state funds for the following year may not be sufficient to meet all of the requests.

MEDFORD WASTE DISCHARGE PERMIT RENEWAL

Recommended provisions for a renewed permit for the city of Medford had been prepared by the staff and sent to the city and Commission members in advance of the meeting. Mr. Vernon Thorpe, Director of Public Works, was present to represent the city. He requested that the schedule included in item 1(a) of the recommended permit be changed to require the start of construction by December 1, 1969 and the start of operation of the new plant by July 1, 1971.

In reply to a question by the Chairman, Mr. Thorpe said the city intends to advertise for the sale of bonds on September 4 and to open bids on September 18 and for construction of the plant they will advertise on September 4 and open the bids 5 weeks later.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the permit for the city of Medford be renewed as recommended by the staff with the exception that the dates in item 1(a)(2) be changed to December 1, 1969 and 1(a)(3) be changed to July 1, 1971 and further that the expiration date be changed to July 31, 1971.

WASTE DISCHARGE PERMIT RENEWAL FOR GRANT'S PASS

Mr. E.R. Lynd of the Department's staff read a memorandum report dated July 23, 1969 regarding this subject, a copy of which together with the recommended permit has been made a part of the Department's files in this matter. The staff's recommendations included a schedule for completion of construction of the improved sewage treatment plant by June 1, 1971.

Mr. Archie Twitchell, City Manager, was present to represent the city. He said that based on the conclusions of Brown and Caldwell, the city's consulting engineer, the earliest possible date they could complete the sewage plant improvements would be August 1, 1972, that the problem is what to do about the infiltration in the present sewer system, that

out of 60 miles of sewer some 20 miles have been installed since 1964 and the other 40 miles of old sewer have only mortar joints and are subject to excessive infiltration, that out of an average monthly flow of 2.68 mgd some 1.6 mgd is infiltration, that during heavy rains the infiltration goes up to 7.5 mgd, that \$10,000 is currently available for financing an infiltration study that could be started in February 1970, that it might be found possible to seal the leaks in the existing sewers at a cost of \$3 per foot or a total of \$600,000, and that as a consequence the total project cost could be reduced by one-half and could then be financed by bonds that would not require a property tax levy.

He said further that the city presently has four by-passes in its sewer system which overflow only during heavy infiltration which occurs mostly during the winter months of November, December and January, that they would prefer to vote bonds in May 1970, and that they have given consideration to increasing sewage treatment efficiency through the use of chemical coagulation and to the use of lagoons for sludge disposal.

Mr. Weathersbee commented that the staff questions both the use of chemical coagulation and the use of barrow pits, which are filled with ground water, for sludge disposal.

Mr. Lynd pointed out that Brown and Caldwell, Engineers, had recommended that the treatment plant capacity be increased from the present 3.25 mgd to 3.9 mgd and that the efficiency be increased from the present 80% to 90%. The process would be changed from trickling filtration to activated sludge.

Mr. Twitchell said the cost of operation and maintenance for the proposed plant would be double what it is at the present time and therefore he would hope the plant could be reduced in size through elimination of some of the infiltration.

In reply to a question by Mr. Harms, Mr. Twitchell said the cost of designing the plant improvements will be about \$80,000, much of which might be wasted if it were found later that the infiltration could be eliminated and therefore the plant size could be reduced.

Mr. Waterman commented that he would not be in favor of delaying the upgrading of the plant any longer than absolutely necessary.

It was MOVED by Mr. Harms, seconded by Mr. McMath and carried that the waste discharge permit for the city of Grants Pass be renewed as recommended by the staff. Mr. Harms explained to Mr. Twitchell that the Commission could not approve that much extra time and was sorry if it may cause extra cost to the city.

The meeting was recessed at 11:55 a.m. and reconvened at 1:45 p.m.

WASTE DISCHARGE PERMIT RENEWALS (South Suburban & Chiloquin)

Mr. Lynd reviewed briefly the recommended provisions of the renewal permits for the South Suburban Sanitary District and the city of Chiloquin which had been prepared by the staff and sent to the applicants and Commission members prior to the meeting.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the permit for the South Suburban Sanitary District be renewed as recommended by the staff.

It was MOVED by Mr. Meierjurgan, seconded by Mr. Harms and carried that the permit for the city of Chiloquin be renewed as recommended by the staff.

KLAMATH PLYWOOD, Klamath Falls

Mr. Roger C. Sherwood of the Department's staff presented a report on the program of the Klamath Plywood Corporation for controlling log debris in the Klamath River. He said that based on the findings of a recent investigation it had been concluded that no serious flooding or other problem should result from the company's interim 3-year storage plan and construction.

PROPOSED RESEARCH PROJECT BY OSU AIR RESOURCES CENTER

Mr. Patterson reviewed the proposal submitted by R.M. Alexander, Director, Air Resources Center, OSU, for a proposed research study of the relation of agricultural field burning to visibility and particulate air loading in the Eugene area of the Willamette Valley. Cost of the project was estimated to be \$2,500.

It was pointed out that the Commission's budget for the current biennium makes no provision for such an expenditure but it might be possible to use some lapsed personal services funds for this purpose

because at the present time five Air Quality Control positions are unfilled.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the project and request be approved contingent upon the Department's being able to find sufficient funds to finance it.

STATEMENT BY JOSEPHINE COUNTY BOARD OF COMMISSIONERS

The Honorable Joel L. Barker, Chairman of the Josephine County Board of Commissioners, then presented the following statement on behalf of the County Board:

"The Josephine County Board of Commissioners urges the Department of Environmental Quality to do everything within your power to curb pollution of the Rogue River from the headwaters to the mouth of the river where it enters the Pacific Ocean, and to eliminate, as far as possible, air pollution in the Rogue River Valley. The Rogue River is deserving of special consideration, because it is one of the few rivers, and, quoting from the Wild and Scenic Rivers Act of October 2, 1968, "Certain selected rivers of the Nation which, with their immediate environments, possess outstandingly remarkable scenic, recreational, geologic, fish and wildlife, historic, cultural, or other similar values, shall be preserved in free flowing condition, and that they and their immediate environments shall be protected for the benefit and enjoyment of present and future generations", included within this Act. Only eight rivers were included within the Act.

"The Josephine County Board of Commissioners will be most happy to cooperate in all matters of this kind, and work with the Department of Environmental Quality in every way possible."

COOPERATIVE SLASH SMOKE MANAGEMENT PLAN

Mr. Patterson discussed a preliminary proposal for a cooperative slash smoke management plan that had been prepared jointly by the Oregon State Department of Forestry, U.S. Forest Service, Bureau of Land Management, Oregon Forest Protective Association and the Bureau of Indian Affairs. The plan will necessitate extended involvement with the U.S. Weather Bureau. The objective of the voluntary program is to minimize or eliminate slash smoke accumulation in designated areas of high population density.

The proposed designated areas for the first year of the plan or program include the Willamette Valley, Roseburg, Ashland, Medford, Grants Pass, Coos Bay and Tillamook.

Mr. Patterson recommended that the Commission go along with the proposed plan and approve the proposed designated areas.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that the Commission under SB 168 passed by the 1969 Legislature designate as restricted areas the Willamette Valley, Roseburg, Ashland, Medford, Grants Pass, Coos Bay and Tillamook vicinities.

ZIDELL EXPLORATIONS INC. OPEN BURNING REQUEST

Mr. George Ward, Consulting Engineer, was present and requested permission for the Zidell Explorations Inc. to open burn in the lower Columbia River one barge load of combustible material resulting from ship dismantling operations. He estimated there would be about 200 tons of material composed primarily of heavy, untreated, dry timber and scrap with no waste oil. He said the city and county solid waste disposal facilities are not adequate to handle this material because it is too bulky and at the present time facilities are not available to grind or cut it up into smaller pieces. He estimated that suitable grinders would cost from 60 to 80 thousand dollars to install. He said this open burning operation would be similar to the one conducted last October.

Mr. Patterson said that operation was not observed by our staff but no complaints were received regarding it.

After considerable discussion it was MOVED by Mr. Harms, seconded by Mr. Meierjurgan and carried that a variance be granted for open burning of this one load subject to limitations of time, manner, place and control of burning to be established by the Department's staff.

Mr. Waterman pointed out that the operations and controls should be coordinated with the Southwest Washington and Columbia-Willamette Regional Air Pollution Authorities.

CEDAR HILLS HOMES ASSOCIATION PERFORMANCE BOND

Mr. Silver presented a request received from Roger L. Meyer, Attorney, that the performance bond posted several years ago with the State Sanitary Authority by the Cedar Hills Company and covering the Cedar Hills sewerage system be released and replaced by an agreement for performance guarantee by the Cedar Hills Homes Association, present owners of the Cedar Hills sewerage system. Mr. Silver pointed out that the Homes Association is not a public body and therefore the performance bond should not be released.

It was MOVED by Mr. Harms, seconded by Mr. Meierjurgan and carried that the request be denied.

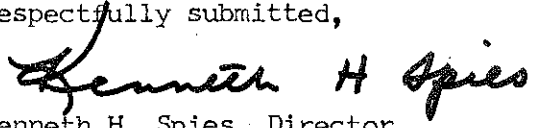
GEORGIA PACIFIC TAX CREDIT APPEAL

Mr. Silver notified the Commission that by letter dated July 15, 1969 the Georgia Pacific Corporation had requested that a hearing be held regarding their applications T-54 and T-72 for tax relief which were denied by the Sanitary Authority on May 23, 1969.

It was MOVED by Mr. Harms, seconded by Mr. Waterman and carried that this matter be set for hearing at the next monthly meeting of the Environmental Quality Commission.

There being no further business the meeting adjourned at 3:10 p.m.

Respectfully submitted,


Kenneth H. Spies, Director