

7/28/1978

**OREGON
ENVIRONMENTAL QUALITY
COMMISSION MEETING
MATERIALS**



State of Oregon
**Department of
Environmental
Quality**

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(Tentative Agenda)

ENVIRONMENTAL QUALITY COMMISSION MEETING

July 28, 1978

LaGrande Community Center
808 Adams Avenue
LaGrande, Oregon

- 9:00 am A. Minutes of the June 30, 1978 meeting.
B. Monthly Activity Report for June 1978.
C. Tax Credit Applications

PUBLIC FORUM - Opportunity for any citizen to give a brief oral or written presentation on any environmental topic of concern. If appropriate, the Department will respond to issues in writing or at a subsequent meeting. The Commission reserves the right to discontinue this forum after a reasonable time if an unduly large number of speakers wish to appear.

- D. 1979-81 Budget - Discussion of preliminary proposals for DEQ's 1979-81 biennial budget.
E. Eastern Region - Report of Region Manager on significant on-going activities in the Eastern Region.
F. NPDES July 1, 1977 Compliance Date - Request for approval of Stipulated Consent Orders for NPDES permittees not meeting July 1, 1977 Compliance date: City of Dundee, Yamhill County.

- 10:00 am G. Conflict of Interest Rules - Public hearing to receive testimony and consider adoption of amendments to the Oregon Clean Air Act Implementation Plan to include rules pertaining to conflict of interest by State Boards, required by Section 125 of the Clean Air Act.
H. Subsurface Sewage Rules - Proposed adoption of rules governing the fees charged by Clackamas County for subsurface or alternative sewage disposal system permits, OAR 340-72-010(4)(b).
I. Medford AQMA Rules - Authorization for public hearing to consider proposed amendment of Oregon Clean Air Act Implementation Plan to include Offset Rule for new or modified emission sources.
J. Sulfur in Fuel Oil - Status Report on availability of clean fuels (Clean Fuels Policy).
K. "208" Plans - Areawide designation and certification. Also, involved citizens are invited to comment on the emerging draft portions of Oregon's Statewide Water Quality Management Plan (according to Section 208, Federal Clean Water Act).
L. Emergency Response Plan - Report on Emergency Response Plan

Because of uncertain time spans involved, the Commission reserves the right to deal with any item at any time in the meeting, except item G. Anyone wishing to be heard on an agenda item that doesn't have a designated time on the agenda should be at the meeting when it commences to be certain they don't miss the agenda item.

The Commission will breakfast (7:30 am) and lunch at the Smokehouse Restaurant, 2208 E. Adams, LaGrande.

Patterson

MINUTES OF THE NINETY-NINTH MEETING
OF THE
OREGON ENVIRONMENTAL QUALITY COMMISSION

JULY 28, 1978

On Friday, July 28, 1978, the ninety-ninth meeting of the Oregon Environmental Quality Commission convened in the LaGrande Community Center, 808 Adams Avenue, LaGrande, Oregon.

Present were Commission members: Mr. Joe B. Richards, Chairman; Dr. Grace S. Phinney, Vice-Chairman; and Mr. Ronald M. Somers. Commissioners Jacklyn L. Hallock and Albert H. Densmore were absent. Present on behalf of the Department were its Director, William H. Young, and several members of the Department staff.

Staff reports presented at this meeting, which contain the Director's recommendations mentioned in these minutes, are on file in the Director's Office of the Department of Environmental Quality, 522, S. W. Fifth Avenue, Portland, Oregon.

Chairman Richards informed those in attendance that the Commission received the staff reports a week in advance of the meeting and were familiar with the material. Therefore, he said it might appear the Commission was making hasty decisions when they actually were not.

AGENDA ITEM A - MINUTES OF THE JUNE 30, 1978 MEETING

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney, and carried unanimously that the Minutes of the June 30, 1978 meeting be approved.

AGENDA ITEM B - MONTHLY ACTIVITY REPORT FOR JUNE 1978

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney, and carried unanimously that the Monthly Activity Report for June 1978 be approved.

AGENDA ITEM C - TAX CREDIT APPLICATIONS

Mr. Michael J. Downs, Administrator of the Department's Management Services Division, said that the Attorney General's Office had some problems with application T-975, Menasha Corporation. The problem, he said, was that although the Department had no record of receiving a request for preliminary certification, the Company did show the Department a copy of a transmittal letter and an application for preliminary certification from the Company's files. Based on that, Mr. Downs said, the staff believed the Company did submit an application eventhough the Department had no record of it. Mr. Downs said that Mr. Robert Haskins, Department of Justice felt that the burden was on the Company to be sure the Department received the application.

Mr. Robert Haskins, Department of Justice, said that it was a simple matter to prove that an application for preliminary certification was received, and that it would best serve the purpose of the statute to require such actual receipt.

Commissioner Somers said he was satisfied, based on staff belief, that preliminary certification had been requested before construction. Commissioner Phinney asked what assurance the Department had that a Company would not just put a letter in their files, after the fact, and not submit the application. Commissioner Somers said that the Department had the Company's statement to that effect and believed the Company to be truthful.

In response to Chairman Richards, Mr. Haskins said that in order for the Commission to grant this tax credit, they would have to find that the application was sent and received.

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney and carried unanimously that the wording in application T-975's review report be changed as follows:

"Menasha apparently submitted and there was apparently received a Notice of Intent to Construct and a Request for Preliminary Certification for Tax Credit on January 26, 1977."

and that applications T-975, T-1008 and T-1011 be approved.

PUBLIC FORUM

Mr. Steven Gardels, Department's Eastern Region Manager, presented a petition on behalf of approximately 50 citizens in the Hermiston area dealing with odors from rotten potatoes being used for cattle feed in an area near their residences. Mr. Gardels said that he was presented the petition because none of the petitioners were able to appear, and he was acting for those petitioners. This petition is made a part of the Commission's record on this matter. Mr. Gardels said that the smell from the rotting potatoes and the flies and other pests that go along with them, was indescribable.

Mr. Gardels said that rural cattle feedlots were currently exempt from the air quality rules. Under normal circumstances where cattle were fed grain materials accepted odors did occur, he said. Because of the large potato production in the area, Mr. Gardels continued, more and more cattle raisers were using waste potatoes as feed, and this was not the only feedlot with odor problems. Commissioner Somers asked why the owners of this property were not cited for lack of a solid waste disposal permit. Mr. Gardels replied that they did not need a solid waste permit because they were actually feeding cattle. The problem was, he said that more potatoes were dumped in the area than the cattle could eat.

Mr. Gardels said he met with the owners of the feedlot and they informed him they intended to bring in more potatoes because they were good feed. He said the owners said they would try to get the potatoes spread out to where the cattle could eat them faster. Mr. Gardels said he could only deal with this problem through the water quality rules because the Department did not have air quality rules to deal with the odors from feedlots and they did not need a solid waste permit because the potatoes were being used as feed. Commissioner Somers suggested that this might come under the solid waste rules as a salvage site.

Chairman Richards asked why they were buying more than the cattle could eat. Mr. Gardels replied that because they were already harvesting potatoes in the area, last year's storage was being cleaned out. He said the owners indicated they were going to bring in more cattle to consume the potatoes. Even if that happened, he said, there would still be a gross amount of odors.

Mr. Gardels requested guidance from the Commission on this matter. He said it was a legitimate use of a waste product, but it was developing into a large environment concern in the area. He said he did not think it was a salvage operation.

Chairman Richards said that one remedy would be for the petitioners to hire an attorney to test this. He said that the Commission was not in a position to make a decision on this matter at this time. Chairman Richards asked that Mr. Gardels check with Headquarters staff and legal counsel to see if this matter fell within the Department's regulations. He said that Mr. Gardels might have to advise the petitioners that they may have recourse through the courts. Commissioner Phinney suggested that the petitioners may want to call this to the attention of their Legislators.

Mr. Stanley G. Wallucis, appeared on behalf of the City of Prairie City, which was under a moratorium on sewer construction. He requested that grant assistance be set aside for the City as part of a Step 1 grant for the correction of existing infiltration inflow. He said that a recent questionnaire survey indicated that 110 out of 132 persons questioned would vote for a bond issue for improvements to the sewer system. Mr. Wallucis presented a letter from Ms. Zelma Woods, City Records, which was made a part of the record of this meeting.

Mr. Jack Baisden, City Manager, City of Irrigon, read a statement regarding their belief that the area was a health hazard and in need of funding for a sewer system. He said they had appeared at the Department's public hearing in July regarding the Sewerage Works Construction Grants Priority List, in an effort to get them raised on the priority list. Mr. Baisden submitted additional material which was made a part of the record of this meeting and forwarded to the Hearing Officer in connection with the July public hearing on this matter.

Commissioner Somers said he had been very concerned about this problem and had requested a survey be conducted. None of the concerns expressed by Mr. Baisden, he said, showed up as a result of the survey. He said his concern was that this was one of the most rapidly growing areas in the Northwest. He asked if a pressure line had been explored to transport the sewage to an existing treatment plant. Mr. Baisden replied that the pipeline would have to be at least six to seven miles through primarily agricultural land and could cost several million dollars. He said Umatilla had indicated they didn't want to be involved. The next closest town was Boardman, he said, ten miles away.

Mr. Harold Sawyer, Administrator of the Department's Water Quality Division, said that this material had been submitted at the Department's public hearing and the staff was analyzing all testimony from that hearing in terms of what types of additions, changes and modifications would be necessary to the proposed list. He said this matter was being looked at and the final proposed priority list would be submitted to the Commission for adoption at its next meeting.

Chairman Richards said that the material presented by Mr. Baisden at this meeting would be evaluated by the staff in their review and finalization of the priority list.

Mr. Vernon Stewart, Mayor of the City of Irrigon, also requested that the City be given consideration on their position on the priority list.

Mr. John W. Beck, Blue Mountain Intergovernmental Council, requested to be allowed to submit written testimony regarding septic tanks and the water quality "208" plans. Chairman Richards granted his request and asked that staff send copies of the testimony to the Commission as soon as received so that they would have an opportunity to look at it.

Mr. Gene Butler, appeared on behalf of the County of Wallowa, concerning the denial of septic tank permits in the county. He requested permission to submit additional written testimony because he had inadequate time to prepare for this meeting. It appeared, he said, that these denials were not being made equitably and he requested review of this matter.

Chairman Richards replied that the Commission was aware of the problem and informed the public that the Director and members of Department staff would be in Wallowa County in August to do personal inspections of sites where permits had been denied. He continued that it was unfortunate that there was not sufficient staff until recently to do adequate inspections and the Department was the first to admit that there were a number of permits that had been issued which probably should not have been because they did not meet the requirements of the regulations. Chairman Richards said they realized that as a result there was a lot of dissatisfaction but wanted to assure the audience that the Department was receptive to this problem.

Mr. Roland W. Johnson, appeared on behalf of property owners in the Lostine River area of Wallowa County. He said that in the past few months almost all applications for septic tank permits in the county had been denied. Mr. Johnson was also concerned that the issuance of septic tank permits had been inconsistent, and that the regulations had not been applied evenly. He asked the Commission to investigate the application of the regulations in this area so that septic tank permits could be issued for all feasible sites.

Commissioner Somers gave Mr. Johnson a copy of the Subsurface Regulations and requested that he look them over and if he saw areas that modifications could be made to inform the Department. Commissioner Somers said that one of the problems staff had when investigating possible sites was the concern that a septic tank not be placed in an area where it could contaminate an aquifer. Commissioner Somers said that most people, if they understand the problems, really don't want to build a bad system.

Chairman Richards said he appreciated Mr. Johnson's comments and assured him that this problem was a high priority item. He reiterated that Department staff would be in the area in August and he hoped that some solutions would come out of that visit.

Mr. Mark Platt, Wallowa County Planning Commission pointed out that the mottling of rocks which indicated water had been in an area at some time, could be from the old system of flood irrigation which had now been changed to a sprinkler system. Therefore, he said, there was no longer the underground flow of water in the area. He suggested that the Department take this into consideration.

AGENDA ITEM E - REPORT OF EASTERN REGIONAL MANAGER ON SIGNIFICANT ITEMS OF THE REGION

Mr. Steven Gardels, Eastern Region Manager, explained some of the significant activities of his region. He emphasized that a large amount of their work was in the subsurface area and a lot of support work for the subsurface program was being done by the county planning department staff.

Mr. Gardels said that in 1974 the Energy Facility Siting Council restricted coal plants from the Grand Ronde, Baker and Snake River airsheds based on DEQ's recommendations. He said that there was growing concern in those areas that the State had put undue restrictions on the airsheds and thus prevented the construction of coal plants.

Mr. Gardels continued by highlighting some of the activities contained in the staff report on this matter, and answered inquiries from Commission members.

AGENDA ITEM G - CONFLICT OF INTEREST RULES - PUBLIC HEARING TO RECEIVE TESTIMONY AND CONSIDER ADOPTION OF AMENDMENTS TO THE OREGON CLEAN AIR ACT IMPLEMENTATION PLAN TO INCLUDE RULES PERTAINING TO CONFLICT OF INTEREST BY STATE BOARDS, REQUIRED BY SECTION 125 OF THE CLEAN AIR ACT

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney and carried unanimously that the public hearing be continued and action on this matter be deferred to the Commission's August 1978 meeting. The record notes that no one was present at this meeting to testify.

AGENDA ITEM I - MEDFORD AQMA RULES - AUTHORIZATION FOR PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENT OF OREGON CLEAN AIR ACT IMPLEMENTATION PLAN TO INCLUDE OFFSET RULE FOR NEW OR MODIFIED EMISSION SOURCES

AGENDA ITEM J - SULFUR IN FUEL OIL - STATUS REPORT ON AVAILABILITY OF CLEAN FUELS (CLEAN FUELS POLICY)

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney and carried unanimously that:

- the Director's Recommendation to authorize a public hearing to consider proposed amendment of Oregon Clean Air Act Implementation Plan to include Offset Rule for new or modified emission sources be approved; and
- the Status Report on the availability of clean fuels (Clean Fuels Policy) be accepted.

AGENDA ITEM K - "208" PLANS - AREAWIDE DESIGNATION AND CERTIFICATION

By unanimous consent the Commission commended the Department and the Water Quality Advisory Committee for their efforts in this matter.

AGENDA ITEM L - EMERGENCY RESPONSE PLAN - REPORT ON EMERGENCY RESPONSE PLAN

AGENDA ITEM F - NPDES JULY 1, 1977 COMPLIANCE DATE - REQUEST FOR APPROVAL OF STIPULATED CONSENT ORDERS FOR NPDES PERMITTEES NOT MEETING JULY 1, 1977 COMPLIANCE DATE

AUTO EMISSION TESTING RULES

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney and carried unanimously that:

- the staff be commended for their work on the report on the Emergency Response Plan and that the report be accepted;
- Final Order amending Stipulation and Final Order No. WQ-SNCR-77-261, DEQ v. City of Dundee, Yamhill County, Oregon, be approved; and
- A public hearing be authorized for the Commission's September 1978 meeting to deal with an amendment to the Auto Emission Testing Rules.

AGENDA ITEM H - SUBSURFACE SEWAGE RULES - PROPOSED ADOPTION OF RULES GOVERNING THE FEES CHARGED BY CLACKAMAS COUNTY FOR SUBSURFACE OR ALTERNATIVE SEWAGE DISPOSAL SYSTEM PERMITS, OAR 340-72-010(4)(b)

It was MOVED by Commissioner Somers, seconded by Commissioner Phinney and carried unanimously that amendments be adopted to Oregon Administrative Rules governing Subsurface and Alternative Sewage Disposal, OAR 340-72-010(4)(b).

Commissioner Somers stated for the record that in all these matters findings were being made per the agenda packet. Chairman Richards said that in all rule adoption matters the Director's Recommendation should make reference that the facts were true as set forth in the staff report.

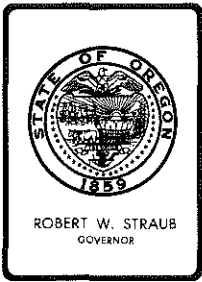
AGENDA ITEM D - 1979-81 BUDGET - DISCUSSION OF PRELIMINARY PROPOSALS FOR DEQ'S 1979-81 BIENNIAL BUDGET

Commission members and Department staff discussed preliminary proposals for DEQ's 1979-81 biennial budget,

There being no further business, the meeting was adjourned.

Respectfully submitted,


Carol A. Spletstaszer
Recording Secretary



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Director
Subject: Agenda Item B, July 28, 1978, EQC Meeting

June Program Activity Report

Discussion

Attached is the June Program Activity Report.

ORS 468.325 provides for Commission approval or disapproval of plans and specifications for construction of air contaminant sources.

Water and Solid Waste facility plans and specifications approvals or disapprovals and issuance, denials, modifications and revocations of permits are prescribed by statutes to be functions of the Department, subject to appeal to the Commission.

OAR 340-62-020 provides for Commission approval prior to disposal of environmentally hazardous wastes in Oregon, which are generated outside of the State.

The purposes of this report are:

- 1) To provide information to the Commission regarding the status of reported program activities and an historical record of project plan and permit actions;
- 2) To obtain confirming approval from the Commission on actions taken by the Department relative to air contamination source plans and specifications.
- 3) To obtain Commission approval for disposal of specific environmentally hazardous wastes at Arlington, Oregon, which were generated outside of the State of Oregon; and
- 4) To provide a log on the status of DEQ contested cases.

Recommendation

It is the Director's recommendation that the Commission take notice of the reported program activities and contested cases, give confirming approval to the air contamination source plans and specifications listed on page 2 of the report, and approval for disposal of environmentally hazardous wastes listed on page 21 of the report.

WILLIAM H. YOUNG



Contains
Recycled
Materials

DEQ-46

M. Downs:dh
229-6485
07-21-78

DEPARTMENT OF ENVIRONMENTAL QUALITY

Monthly Activity Report

June 1978
Month

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DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air, Water, and Solid
Waste Divisions

July 1978

(Reporting Unit)

(Month and Year)

SUMMARY OF PLAN ACTIONS

| | Plans Received | | Plans Approved | | Plans Disapproved | | Plans Pending |
|-------------------------|----------------|---------|----------------|---------|-------------------|---------|---------------|
| | Month | Fis.Yr. | Month | Fis.Yr. | Month | Fis.Yr. | |
| <u>Air</u> | | | | | | | |
| Direct Sources | 12 | 207 | 19 | 197 | | 1 | 37 |
| Total | 12 | 207 | 19 | 197 | | 1 | 37 |
| <u>Water</u> | | | | | | | |
| Municipal | 133 | 1448 | 119 | 1457 | | | 79 |
| Industrial | 18 | 120 | 5 | 98 | | | 21 |
| Total | 151 | 1568 | 124 | 1555 | | | 100 |
| <u>Solid Waste</u> | | | | | | | |
| General Refuse | 2 | 39 | 3 | 38 | | | 4 |
| Demolition | 2 | 9 | 3 | 6 | | | 2 |
| Industrial | | 23 | 3 | 20 | | | 4 |
| Sludge | | 6 | 1 | 6 | | | |
| Total | 4 | 77 | 10 | 70 | | | 10 |
| <u>Hazardous Wastes</u> | | | | | | | |
| <u>GRAND TOTAL</u> | 167 | 1852 | 153 | 1822 | | 1 | 147 |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PLAN ACTIONS COMPLETED - 19

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|---------------------------------------|--|-------------------|----------|
| <u>Direct Stationary Sources (19)</u> | | | |
| Linn (NC1062) | Teledyne Wah Chang of Albany Scrubber for ZrO ₂ Kiln | 4/3/78 | Approved |
| Portable (NC1084) | Columbia West Materials Rock crusher | 5/25/78 | Approved |
| Multnomah (NC1113) | Owens Illinois Cyclone on paper shredder | 5/24/78 | Approved |
| Polk (NC1114) | Towmotor Corp. Spray paint booth | 5/16/78 | Approved |
| Morrow (NC1132) | Cominco America Inc. Fertilizer blending plant | 4/26/78 | Approved |
| Multnomah (NC1145) | Continental Can Catalytic fume burner | 5/25/78 | Approved |
| Linn (NC1156) | Duraflake Baghouse on cyclones #501 & 7 | 5/17/78 | Approved |
| Multnomah (NC1161) | Crown Zellerbach Corp. Flexographic press | 5/25/78 | Approved |
| Jackson (NC1164) | Payless Drug Stores Incinerator modification | 6/14/78 | Approved |
| Lane (NC1167) | Waterbed Factory Sawdust cyclone and filter | 6/12/78 | Approved |
| Portable (NC1168) | Babler Bros. Inc. Asphalt plant baghouse | 5/30/78 | Approved |
| Linn (NC1171) | Northrup King Co. Seed cleaning plant | 6/6/78 | Approved |
| Linn (NC1176) | Boise Cascade Corp. Wood furnace and veneer dryer | 6/8/78 | Approved |
| Union (NC1177) | Boise Cascade Corp. Three baghouses | 5/26/78 | Approved |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PLAN ACTIONS COMPLETED - 19 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|--|--|-------------------|----------|
| <u>Direct Stationary Sources (cont.)</u> | | | |
| Portable (NC1179) | Deschutes Ready Mix New scrubber on old asphalt plant | 6/20/78 | Approved |
| Portable (NC1180) | R. L. Coats Construction New asphalt plant and old baghouse | 6/16/78 | Approved |
| Clackamas (NC1181) | E. C. Gravel Rock crusher | 6/20/78 | Approved |
| Douglas (NC1183) | Woolley Enterprizes New fan for burley scrubber | 6/8/78 | Approved |
| Josephine (NC1184) | Miller Redwood Veneer dryer w/Burley scrubber | 6/19/78 | Approved |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

SUMMARY OF AIR PERMIT ACTIONS

| | Permit Actions Received | | Permit Actions Completed | | Permit Actions Pending | Sources under Permits | Sources Reqr'g Permits |
|-------------------------|-------------------------|---------|--------------------------|---------|------------------------|-----------------------|------------------------|
| | Month | Fis.Yr. | Month | Fis.Yr. | | | |
| <u>Direct Sources</u> | | | | | | | |
| New | 4 | 60 | 9 | 40 | 20 | | |
| Existing | 5 | 106 | 16 | 77 | 29 | | |
| Renewals | 21 | 130 | 2 | 55 | 75 | | |
| Modifications | 7 | 880 | 12 | 861 | 19 | | |
| Total | 37 | 1,176 | 39 | 1,033 | 143 | 1,831 | 1,880 |
| <u>Indirect Sources</u> | | | | | | | |
| New | 2 | 32 | 7* | 31 | 14 | | |
| Existing | | | | | | | |
| Renewals | | | | | | | |
| Modifications | 1 | 8 | 0 | 7 | 1 | | |
| Total | 3 | 40 | 6 | 37 | 15 | 85 | |

*Includes the withdrawal of the Beaverton Commercial Center.

GRAND TOTALS 40 1,216 45 1,070 158 1,916

Number of
Pending Permits

Comments

| | |
|-----------|---|
| 25 | To be drafted by Northwest Region Office |
| 15 | To be drafted by Willamette Valley Region Office |
| 31 | To be drafted by Southwest Region Office |
| 1 | To be drafted by Central Region Office |
| 0 | To be drafted by Eastern Region Office |
| 13 | To be drafted by Program Operations |
| 2 | To be drafted by Program Planning & Development |
| <u>87</u> | |
| 29 | Permits awaiting next public notice |
| 21 | Permits being typed |
| 6 | Permits awaiting end of 30-day public notice period |
| <u>56</u> | Permits pending |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 45

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|---------------------------------------|---|-------------------|-----------------|
| <u>Direct Stationary Sources</u> (39) | | | |
| Baker | Ellingson Lumber 01-0004, New | 6/20/78 | Permit issued |
| Clackamas | Riverside School 03-2588, Boiler, Modification | 6/7/78 | Permit issued |
| Crook | American Forest Products 07-0002, Modification | 5/26/78 | Permit issued |
| Deschutes | Williamette Industries 09-0002, Modification | 5/24/78 | Addendum issued |
| Deschutes | Bend Aggregate & Paving 09-0026, Renewal | 6/20/78 | Permit issued |
| Deschutes | Sisters Shake Co. 09-0063, Existing | 5/26/78 | Permit issued |
| Deschutes | Central Oregon Pavers 09-0064, New | 5/26/78 | Permit issued |
| Douglas | Umpqua Excavating & Paving 10-0006, Renewal | 5/26/78 | Permit issued |
| Douglas | Trend Veneer Co. 10-0035, Modification | 5/26/78 | Permit issued |
| Douglas | Deer Creek Pellet Mill 10-0040, Modification | 5/26/78 | Permit issued |
| Douglas | Douglas County Nursing Home 10-0119, New | 6/20/78 | Permit issued |
| Hood River | Pyramid Metals 14-0022, New | 5/26/78 | Permit issued |
| Jackson | J. C. Penney 15-0107, Existing | 5/26/78 | Permit issued |
| Jackson | Vella Cheese Co. 15-0108, Existing | 5/26/78 | Permit issued |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 45 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|--|---|-------------------|-----------------|
| <u>Direct Stationary Sources (cont.)</u> | | | |
| Jackson | Sabroso Co. 15-0109, Existing | 5/26/78 | Permit issued |
| Jackson | Rogue Valley Manor 15-0111, Existing | 6/20/78 | Permit issued |
| Josephine | Menasha Corp. 17-0058, Existing | 5/26/78 | Permit issued |
| Klamath | Chiloquin Forest Products 18-0016, Modification | 5/26/78 | Permit issued |
| Linn | Brady's Albany Planing Mill 22-0013, New | 5/26/78 | Permit issued |
| Linn | Willamette Industries 22-5194, Modification | 6/5/78 | Addendum issued |
| Malheur | Ontario Asphalt Paving 23-0027, New | 6/20/78 | Permit issued |
| Multnomah | W. R. Grace & Co. 26-2530, Modification | 6/20/78 | Permit issued |
| Multnomah | Army Corps of Engineers 26-2953, Existing | 6/20/78 | Permit issued |
| Multnomah | Reynolds School District #7 26-2987, New | 5/26/78 | Permit issued |
| Multnomah | Portland Air National Guard Base 26-2989, Existing | 6/20/78 | Permit issued |
| Tillamook | Gold Medal Cedar Products 29-0017, Modification | 6/20/78 | Permit issued |
| Tillamook | Centennial Forest Products 29-0055, Modification | 6/20/78 | Permit issued |
| Umatilla | Exterior Wood 30-0034, Existing | 5/26/78 | Permit issued |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 45 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|--|---|-------------------|---------------|
| <u>Direct Stationary Sources (cont.)</u> | | | |
| Umatilla | Pendleton Grain Growers 30-0070, Existing | 5/26/78 | Permit issued |
| Umatilla | Pendleton Grain Growers 30-0085, Existing | 5/26/78 | Permit issued |
| Umatilla | Pendleton Grain Growers 30-0090, Existing | 5/26/78 | Permit issued |
| Washington | Stearns Rock Crushing 34-2615, Modification | 6/20/78 | Permit issued |
| Yamhill | McMinnville Rock Products 36-0027, Modification | 6/20/78 | Permit issued |
| <u>Portable Plants</u> | | | |
| Portable | Nu-Mix Concrete 37-0194, Existing | 6/20/78 | Permit issued |
| Portable | Quality Asphalt Paving 37-0195, New | 6/20/78 | Permit issued |
| Portable | McClellan Logging & Construction 37-0196, Existing | 6/20/78 | Permit issued |
| Portable | Houck-McCall Corp. 37-0199, New | 5/26/78 | Permit issued |
| Portable | Konen Rock Supply 37-0200, Existing | 6/20/78 | Permit issued |
| Portable | D Mc D Corp. 37-0203, Existing | 6/20/78 | Permit issued |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Air Quality Division
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 45 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|-----------------------------|--|-------------------|------------------------|
| <u>Indirect Sources (6)</u> | | | |
| Washington | Tektronix-- Beaverton Campus 3,160 spaces File No. 34-8005 | 6/23/78 | Final permit issued |
| Washington | Floating Point Systems (Murray at Millikan Way) 1,200 spaces File No. 34-8007 | 6/20/78 | Final permit issued |
| Clackamas | Tektronix-- Wilsonville Campus 2,153 spaces File No. 03-8011 | 6/15/78 | Final permit issued |
| Washington | Koll Business Center 446 spaces File No. 34-8014 | 6/13/78 | Final permit issued |
| Multnomah | Oregon Trail Center Ph. II 783 spaces File No. 26-8017 | 6/13/78 | Final permit issued |
| Multnomah | Freightliner Corp. Headquarters expansion, 721 spaces File No. 26-7020 | 6/2/78 | Final permit issued |

DEPARTMENT OF ENVIRONMENTAL QUALITY
TECHNICAL PROGRAMS

Water Quality Division

June, 1978

PLAN ACTIONS COMPLETED - 124

| Engineer | County | Name of Source/Project/Site and Type of Same | Rec'd | Date of Action | Action | Time to Complete Action |
|----------|--------|--|---------|----------------|----------|-------------------------|
| | | Municipal Sources - 119 | | | | |
| | 20 | SPRINGFIELD 6TH ADD TO RAMBLING AC | K051978 | 053078 | PROV APP | 11 |
| | 34 | USA-FORST GR MORRIS HINES | K060178 | 060178 | PROV APP | 00 |
| | 18 | KLAMATH FALLS TRUNK LINE RECONSTRUCTION | J052678 | 060678 | PROV APP | 11 |
| 64 | 24 | SALEM BRECKENRIDGE HTS NO 1 | J052578 | 060678 | PROV APP | 11 |
| 27 | 27 | SALEM BRUSH COLLEGE ESTATES | J051678 | 060678 | PROV APP | 21 |
| | 24 | SALEM SUNBURST SUBD | J051678 | 060678 | PROV APP | 21 |
| 46 | 17 | GRANTS PASS OREGON AVENUE | J051678 | 060678 | PROV APP | 21 |
| | 24 | AUMSVILLE LINCOLN ST | J051678 | 060678 | PROV APP | 21 |
| | 18 | KLAMATH FALLS LYNNEWOOD | J051678 | 060678 | PROV APP | 21 |
| | 34 | USA WAVERLY MEADOWS | K052678 | 060678 | PROV APP | 11 |
| | 34 | USA SHILO SEWER | K052678 | 060678 | PROV APP | 11 |
| | 15 | JACKSON CO WILLOW LAKE | V021378 | 060678 | PROV APP | 112 |
| | 15 | JACKSON CO HOWARD PRAIRIE LAKE PARK | V021378 | 060678 | PROV APP | 112 |
| 54 | 09 | REDMOND PUBLIC WORKS BLDG | V050978 | 060678 | PROV APP | 28 |
| 68 | 10 | WINCHESTER SD EMER OUTFALL REPAIRS | V051878 | 060678 | PROV APP | 18 |
| 52 | 03 | SANDY TICKLE CREEK ESTATES | J051878 | 060678 | PROV APP | 19 |
| 52 | 26 | GRESHAM THE VINEYARD | J051878 | 060678 | PROV APP | 19 |
| | 26 | GRESHAM NE SAN RAFAEL | J051878 | 060678 | PROV APP | 19 |
| | 27 | 24 SALEM WILLOW SPRINGTIME PARK | J051778 | 060678 | PROV APP | 20 |
| 71 | 36 | NEWBERG WYNOOSKI ST TO HESS CR INT | J051278 | 060678 | PROV APP | 25 |
| | 26 | MULTNOM CO ARGENT SUBD | K060578 | 060678 | PROV APP | 01 |
| | 34 | USA-TIGARD GARDEN PARK PLACE - DURHAM | K060578 | 060678 | PROV APP | 01 |
| | 10 | TRI-CITY SD TRI-VIEW APARTMENTS | K061378 | 060630 | PROV APP | 17 |
| 90 | 17 | GRANTS PASS HAWTHORNE SUBD | K051678 | 060878 | PROV APP | 23 |
| 60 | 29 | NETARTS SD TERRASEA SUBD | K052578 | 060878 | PROV APP | 14 |
| | 26 | WILSONVILLE WILLAMETTE VILLAGE PH D | K052278 | 060878 | PROV APP | 11 |
| | 26 | OAK LODGE SD ILONA PARK | J052278 | 060878 | PROV APP | 12 |
| 40 | 08 | PORT ORFORD SANITARY SEWER IMPROVEMENTS | J052278 | 060878 | PROV APP | 12 |
| | 34 | HILLSBORO SPARTAN ACRES | J051978 | 060878 | PROV APP | 20 |
| | 34 | HILLSBORO OLYMPIC PARK | J051978 | 060878 | PROV APP | 20 |
| | 34 | HILLSBORO MAY FIELD | J051978 | 060878 | PROV APP | 20 |
| | 26 | PORTLAND SW 45TH & PRIVATE PROPERTY | J050578 | 060878 | PROV APP | 34 |
| 62 | 24 | SALEM WILLOW SMOKETREE | J051778 | 060878 | PROV APP | 22 |
| | 34 | HILLSBORO CORNUTTS MEMORY LANE | J051978 | 060878 | PROV APP | 20 |
| | 34 | HILLSBORO WITCH HAZEL RD | J051978 | 060878 | PROV APP | 20 |
| | 5 | CLATSKANIE E COLUMBIA RIVER-LTD 78-1 | J050978 | 060878 | PROV APP | 29 |
| | 3 | CCSD WANNEMAN HILLS | J051278 | 061278 | PROV APP | 25 |
| | 14 | HOOD RIVER SLUDE LAGOONS | V051878 | 061478 | PROV APP | 27 |
| | 22 | LEBANON KARI ADDITION | K051778 | 061478 | PROV APP | 28 |
| | 23 | ONTARIO DEALY SUBD | K050578 | 061478 | PROV APP | 39 |
| | 30 | STANFIELD VANTAGE NORTH | K040578 | 061478 | PROV APP | 34 |
| | 23 | ONTARIO DEALY SUBD | K053078 | 061478 | PROV APP | 15 |
| 72 | 02 | CORVALLIS TIMBERHILL 4TH ADDITION | K051978 | 061478 | PROV APP | 26 |
| | 9 | REND CONTRACT NO. 2 | K060578 | 061478 | PROV APP | 09 |
| 82 | 24 | SALEM FIELDCREST | J060578 | 061678 | PROV APP | 11 |
| 14 | 34 | USA KENNEY-ST EXTENSION | J060978 | 061678 | PROV APP | 07 |
| | 3 | ESTACADA FOOTHILLS NO 2 | J061378 | 061678 | PROV APP | 03 |
| 72 | 22 | LEBANON JOE GILBERT - SEWER EXT | K053078 | 062078 | PROV APP | 20 |
| | 22 | ALBANY EAST SIDE SUBD | K053078 | 062078 | PROV APP | 21 |
| | 6 | COOS BAY WESTGATE SUBD | J052678 | 062178 | PROV APP | 26 |
| 11 | 10 | ROSEBURG JOF SIMAS | J052278 | 062178 | PROV APP | 30 |
| | 34 | USA-ROCK CR MORFORD ADDITION 172 | H060178 | 062178 | PROV APP | 20 |
| | 26 | PORTLAND NE STAFFORD & NE 33RD | H060978 | 062178 | | 12 |

TECHNICAL PROGRAMS

Water Quality Division

June, 1978

PLAN ACTIONS COMPLETED - 124 cont.

| Engineer | County | Name of Source/Project/Site and Type of Same | Rec'd | Date of | | Time to Complete |
|----------|--------|--|---------|---------|----------|------------------|
| | | | | Action | Action | |
| 28 | 34 | USA WOODLAKE APARTMENTS 714 | H061278 | 062178 | PROV APP | 09 |
| | 26 | PORTLAND NW 25TH & 26TH AVES | H061278 | 062178 | PROV APP | 05 |
| | 8 | BROOKINGS BIRD ISLAND SUBD | J061278 | 062178 | PROV APP | 09 |
| 2 | 34 | USA TIGARD TANGELA | H061478 | 062178 | PROV APP | 07 |
| | 34 | USA TIGARD WHITE PINE ESTATES | H061478 | 062178 | PROV APP | 07 |
| | 15 | TALENT MEADOWBROOK ESTATES | H061578 | 062178 | PROV APP | 06 |
| | 15 | MEDFORD STARWOOD ESTATES | H061578 | 062178 | PROV APP | 06 |
| | 3 | GRESHAM CYGNET ACRES | H061578 | 062178 | PROV APP | 06 |
| 54 | 34 | USA BUD ANTHONY SEWER EXT | H061678 | 062178 | PROV APP | 05 |
| | 3 | GRESHAM BULL RUN TOWNHOUSES | H061978 | 062178 | PROV APP | 02 |
| | 10 | SUTHERLYN CAPRI ESTATES | J052578 | 062278 | PROV APP | 28 |
| | 21 | SALISHAN STP EXPANSION / UPGRADING | V062278 | 062278 | PROV APP | 00 |
| 19 | 24 | WOODBURN STP AND MILL CREEK P.S. | V053078 | 062778 | PROV APP | 28 |
| | 36 | MCMINNVILLE WOODFORD MEADOWS SUBD | J052278 | 062778 | PROV APP | 30 |
| 41 | 18 | KLAMATH FALLS COLLEGE PARK INTERCEPTOR | J060778 | 062778 | PROV APP | 20 |
| | 4 | JOHN DAY JOHN DAY SEWERAGE SYSTEM | V051778 | 062878 | PROV APP | 42 |
| 18 | 4 | CAMP RILEA WASTEWATER COLLECTION SYST | V052378 | 062878 | PROV APP | 36 |
| 25 | 03 | OAK LODGE SD WOODCOCK ESTATES | 053078 | 062878 | PROV APP | 29 |
| | 22 | ALBANY WILLIAM GARRETT | J052278 | 062878 | PROV APP | 35 |
| 70 | 03 | LAKE OSWEGO KRIJSE VIEW ESTATES | J053078 | 062878 | PROV APP | 29 |
| | 26 | PORT PORTLAND RAMSEY BLVD-N LOMBARD ST | J052478 | 062878 | PROV APP | 35 |
| | 20 | FUGENE LINCOLN CREST SUBD | K060278 | 062878 | PROV APP | 26 |
| | 20 | EUGENE BOWMONT ST | K060278 | 062878 | PROV APP | 26 |
| | 20 | FUGENE SOUZA PARK FOURTH | K060278 | 062878 | PROV APP | 26 |
| 62 | 24 | SALEM SUMMERFIELD SOUTH | J060178 | 062878 | PROV APP | 27 |
| 77 | 03 | LAKE OSWEGO MOUNTAIN PARK 5-8-3 | K060578 | 062878 | PROV APP | 23 |
| 42 | 03 | GRESHAM BALTZ TERRACE | J060678 | 062878 | PROV APP | 22 |
| | 15 | BCVSA ORCHARD HOME COURT AREA | J060678 | 062878 | PROV APP | 22 |
| | 20 | SPRINGFIELD BRALYN ESTATES | K060778 | 062878 | PROV APP | 21 |
| | 20 | SPRINGFIELD BURNELL PARK | K060778 | 062878 | PROV APP | 21 |
| 69 | 16 | GRANTS PASS OAK HILL ESTATES | K060878 | 062878 | PROV APP | 20 |
| | 20 | SPRINGFIELD THURSTON JUNIOR HIGH SCHOOL | K060978 | 062878 | PROV APP | 19 |
| | 20 | SPRINGFIELD BRONELL ESTATES | K061278 | 062878 | PROV APP | 16 |
| | 20 | SPRINGFIELD CLIFFSIDE MANOR | K061278 | 062878 | PROV APP | 14 |
| | 20 | EUGENE CLARY PLAT 1ST ADD | K061278 | 062878 | PROV APP | 14 |
| 62 | 24 | SALEM SUNNYRIDGE HEIGHTS NO 13 | J061378 | 062878 | PROV APP | 15 |
| | 20 | SPRINGFIELD AMB-LIS | K061478 | 062878 | PROV APP | 14 |
| 14 | 20 | SALEM TIMOTHY PARK SUBD | K061578 | 062878 | PROV APP | 13 |
| | 20 | SALEM SUNNYRIDGE ESTATES ADDENDUM | H061578 | 062878 | PROV APP | 13 |
| | 20 | FUGENE CLAREY PLAT | K061678 | 062878 | PROV APP | 12 |
| | 20 | EUGENE LEMMING AVE SHILOH ST | K061678 | 062878 | PROV APP | 12 |
| 51 | 08 | BROOKINGS ALTA LANE-FIFTH ST | J061978 | 062878 | PROV APP | 09 |
| 93 | 03 | WEST LINN HIDDEN SPRINGS RANCH #5 | J062278 | 062878 | PROV APP | 06 |
| | 3 | WILSONVILLE WILLAMETTE VILLAGE | K062678 | 062878 | PROV APP | 02 |
| | 20 | FUGENE LINGLE PARK | K062678 | 062878 | PROV APP | 02 |
| | 36 | MCMINNVILLE WEST-COZINE | J062678 | 062878 | PROV APP | 02 |
| 18 | 24 | SALEM DEER HAVEN | 052678 | 062878 | PROV APP | 02 |
| 10 | 21 | ALBANY ALDERWOOD PARK | J052276 | 062878 | PROV APP | 35 |
| 10 | 21 | ALBANY HARDER SUBD | J052278 | 062878 | PROV APP | 35 |
| | 20 | SALEM 37TH PLACE N OF D STREET | K061578 | 062878 | PROV APP | 13 |
| 31 | 22 | LEFRANON 10TH ST & WALKER RD | J060678 | 062978 | PROV APP | 23 |
| | 23 | ONTARIO VALLEY VISTA ESTATES | H060878 | 062978 | PROV APP | 21 |
| 64 | 24 | SALEM ROYVONNE ESTATES | J060878 | 062978 | PROV APP | 21 |

DEPARTMENT OF ENVIRONMENTAL QUALITY
 TECHNICAL PROGRAMS

Water Quality Division

June, 1978

PLAN ACTIONS COMPLETED - 124 cont.

| Engineer County | Name of Source/Project/Site and Type of Same | Rec'd | Date of | | Time to Complete Action |
|--------------------|--|---------|---------|----------|-------------------------------|
| | | | Action | Action | |
| 20 | EUGENE 3RD AVE - WALLIS | K061478 | 062978 | PROV APP | 15 |
| 51 15 | ASHLAND OAK KNOLL SEWER | H061578 | 062978 | PROV APP | 14 |
| 24 | ONTARIO MOTEL 6 | H061978 | 062978 | PROV APP | 10 |
| 20 | EUGENE FREEDOM ACRES | K062278 | 062978 | | 07 |
| 27 24 | SALEM LYSCO ESTATES | 062678 | 062978 | PROV APP | 03 |
| 3 | GOVERNMENT CP MULTORPOR MEADOWS REVISED | J062878 | 062978 | PROV APP | 01 |
| 62 24 | KEIZER SD MILDRED LANE | J062678 | 062978 | PROV APP | 03 |
| 20 | COTTAGE GROVE SOUTH 7TH STREET | K051178 | 063078 | PROV APP | 50 |
| 20 | COTTAGE GROVE HWY 99 N | K051178 | 063078 | PROV APP | 50 |
| 20 | COTTAGE GROVE SOUTH R STREET | K051178 | 063078 | PROV APP | 50 |
| 20 | COTTAGE GROVE WEST HARRISON AVE | K051178 | 063078 | PROV APP | 50 |
| 4 31 | UNION WEST CATHERINE MEADOWS | K053178 | 063078 | PROV APP | 30 |
| 72 02 | CORVALLIS TIMBERHILL SE 4TH ADD | K060178 | 063078 | PROV APP | 29 |
| 72 02 | CORVALLIS TIMBERHILL SE 3RD ADD | K060178 | 063078 | PROV APP | 29 |
| 72 22 | LEBANON MTN SHADOWS SUBD PH II | K060778 | 063078 | PROV APP | 23 |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Water Quality
(Reporting Unit)

June 1978
(Month and Year)

PLAN ACTIONS COMPLETED - 124 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|---------------------------------------|--|-------------------|----------|
| <u>Industrial Waste Sources</u> (5) | | | |
| Linn | Teledyne Wah Chang Albany, Boring Mill Oil Recovery | 6/23/78 | Approved |
| Clackamas | Industrial Coatings - Lake Oswego, Oil Separator | 6/12/78 | Approved |
| Multnomah | Pennwalt Corp. - Portland Entrainment Separator B Set Chlorate Evaporators | 6/14/78 | Approved |
| Polk | Sam Oberg Hog Farm - Dallas, Animal Waste | 6/21/78 | Approved |
| Marion | Mt. Jefferson Woolens - Jefferson, Hyda-Sieve Screens and Drains | 6/22/78 | Approved |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Water Pollution Control Section

Water Quality Division
(Reporting Unit)

June 1978
(Month and Year)

SUMMARY OF WATER PERMIT ACTIONS

| | Permit Actions Received | | | | Permit Actions Completed | | | | Permit Actions Pending | Sources Under Permits | Sources Reqr'g Permits | | | |
|---|-------------------------|----|----------|----|--------------------------|----|----------|----|------------------------|-----------------------|------------------------|-----|-----|-----|
| | Month | | Fis. Yr. | | Month | | Fis. Yr. | | | | | | | |
| | * | ** | * | ** | * | ** | * | ** | | | | | | |
| <u>Municipal</u> | | | | | | | | | | | | | | |
| New | 0 | 0 | 1 | 4 | 0 | 0 | 3 | 6 | 1 | 2 | | | | |
| Existing | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | | | | |
| Renewals | 0 | 0 | 40 | 9 | 9 | 0 | 88 | 6 | 35 | 7 | | | | |
| Modifications | 3 | 1 | 15 | 1 | 2 | 0 | 17 | 1 | 4 | 1 | | | | |
| Total | 3 | 1 | 56 | 16 | 11 | 0 | 108 | 17 | 40 | 10 | 243 | 80 | 244 | 82 |
| <u>Industrial</u> | | | | | | | | | | | | | | |
| New | 1 | 3 | 12 | 14 | 1 | 1 | 7 | 12 | 7 | 6 | | | | |
| Existing | 0 | 0 | 3 | 9 | 0 | 2 | 1 | 14 | 3 | 0 | | | | |
| Renewals | 3 | 3 | 58 | 18 | 4 | 2 | 57 | 15 | 59 | 9 | | | | |
| 1/ Modifications | 0 | 0 | 12 | 2 | 1 | 0 | 20 | 4 | 7 | 0 | | | | |
| Total | 4 | 6 | 85 | 43 | 6 | 5 | 85 | 45 | 74 | 15 | 399 | 121 | 409 | 127 |
| <u>Agricultural (Hatcheries, Dairies, etc.)</u> | | | | | | | | | | | | | | |
| New | 0 | 1 | 3 | 6 | 1 | 1 | 2 | 3 | 2 | 3 | | | | |
| Existing | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | | | |
| Renewals | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 1 | | | | |
| Modifications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Total | 0 | 1 | 5 | 9 | 1 | 1 | 2 | 5 | 4 | 4 | 60 | 14 | 62 | 17 |
| <u>GRAND TOTALS</u> 1/ | 7 | 8 | 146 | 68 | 20 | 7 | 195 | 67 | 118 | 29 | 702 | 215 | 715 | 226 |

* NPDES Permits

** State Permits

1/ Includes 3 permit cancellations

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Water Pollution Control Section
Water Quality Division
 (Reporting Unit)

June 1978
 (Month and Year)

PERMIT ACTIONS COMPLETED (27)

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|-----------|--|-------------------|-----------------------|
| Lane | City of Oakridge Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Linn | Willamette Industries Inc. Foster Division | 6-12-78 | NPDES Permit Renewed |
| Lincoln | Salishan Leaseholders Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Lane | Lane Plywood Inc. Wood Products | 6-12-78 | NPDES Permit Renewed |
| Benton | Western Pulp Products Nursery Planters | 6-12-78 | NPDES Permit Renewed |
| Clackamas | Oregon Portland Cement Cement Manufacture | 6-12-78 | NPDES Permit Renewed |
| Benton | Knoll Terrace Park Trailer Park STP | 6-12-78 | NPDES Permit Renewed |
| Klamath | City of Klamath Falls Spring St. STP | 6-12-78 | NPDES Permit Renewed |
| Klamath | City of Klamath Falls Kingsley STP | 6-12-78 | NPDES Permit Renewed |
| Columbia | City of St. Helens Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Lane | Domsea Farms Inc. Aquaculture | 6-12-78 | NPDES Permit Issued |
| Wallowa | City of Joseph Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Clatsop | City of Cannon Beach Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Lane | City of Lowell Sewage Disposal | 6-12-78 | NPDES Permit Renewed |
| Douglas | Reedsport Seafood (C. Lewis) Seafood Processing | 6-12-78 | NPDES Permit Issued |
| Marion | City of Silverton Sewage Disposal | 6-12-78 | NPDES Permit Modified |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Water Pollution Control Section
Water Quality Division
 (Reporting Unit)

June 1978
 (Month and Year)

PERMIT ACTIONS COMPLETED - 27 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|------------|---|-------------------|------------------------|
| Lincoln | Depoe Bay Fish Co. Fish Processing | 6-12-78 | NPDES Permit Modified |
| Washington | Unified Sewerage Agency-Rock Creek Sewage Disposal | 6-12-78 | NPDES Permit Modified |
| Linn | Tomco Inc. Sweet Home | 6-12-78 | State Permit Issued |
| Linn | Seabrook Foods Inc. Canning Waste | 6-12-78 | State Permit Renewed |
| Union | James R. Scott Dairy Farm | 6-12-78 | State Permit Issued |
| Coos | Knutson Towboat Co. Log Handling | 6-12-78 | State Permit Issued |
| Coos | Knutson Log Storage Log Handling | 6-12-78 | State Permit Issued |
| Yamhill | Stutzman's Slaughter House Slaughter House | 6-23-78 | State Permit Renewed |
| Multnomah | Brand S Portland Plant | 6-22-78 | NPDES Permit Cancelled |
| Lane | Parker & Sons Tire Eugene | 6-22-78 | NPDES Permit Cancelled |
| Marian | Allied Realty Western Pork Producers | 6-22-78 | State Permit Cancelled |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Solid Waste
(Reporting Unit)

June 1978
(Month and Year)

PLAN ACTIONS PENDING (10)

| County | Name of Source/Project/ Site and Type of Same | Date Received | Status |
|------------|---|------------------|--|
| Malheur | McDermitt Landfill New site Development and Operational Plan | 2/3/77 | Regional staff has not yet visited this isolated rural site. Inspection to be made as soon as possible. |
| Lane | Delta Sand & Gravel New site Construction and Operational Plan | 3/1/77 | In process. Projected com- pletion 7/78. |
| Jackson | Burrill Lumber New site Operational Plan | 11/9/77 | In process. Projected completion 7/78. |
| Lane | Solid Waste Resources New site Operational Plan | 3/22/78 | In process. Projected completion 7/78. |
| Hood River | Hood River Existing site Closure Plan | 3/23/78 | Additional information requested. |
| Clackamas | Rossmann's Existing site Leachate Control Plan | 4/3/78 | In process. Projected completion 7/78. |
| Clatsop | Wauna Mill Existing site Operational Plan | 5/2/78 | In process. Projected completion 7/78. |
| Hood River | Champion International Neal Creek Existing site Operational Plan | 5/31/78 | In process. Projected completion 7/78. |
| Washington | Charles Edding New site Operational Plan | 6/22/78 | In process. Projected completion 7/78. |
| Lane | Office of Appropriate Technology New site Operational Plan | 6/30/78 | In process. Projected completion 8/78. |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Solid Waste
(Reporting Unit)June 1978
(Month and Year)SUMMARY OF SOLID WASTE PERMIT ACTIONS

| | Permit Actions Received | | Permit Actions Completed | | Permit Actions Pending | Sites Under Permits | Sites Reqr'g Permits |
|------------------------|-------------------------|------------|--------------------------|------------|------------------------|---------------------|----------------------|
| | Month | Fis.Yr. | Month | Fis.Yr. | | | |
| <u>General Refuse</u> | | | | | | | |
| New | 1 | 10 | | 11 | 2 | | |
| Existing | | 8 | 4 | 11 | 21* | | |
| Renewals | | 33 | 3 | 34 | 9 | | |
| Modifications | 1 | 8 | 1 | 11 | 1 | | |
| Total | 2 | 59 | 8 | 67 | 33 | 185 | 191 |
| <u>Demolition</u> | | | | | | | |
| New | 3 | 6 | 3 | 7 | | | |
| Existing | | | | 1 | | | |
| Renewals | | | 1 | 1 | | | |
| Modifications | | | | | | | |
| Total | 3 | 6 | 4 | 9 | 0 | 21 | 21 |
| <u>Industrial</u> | | | | | | | |
| New | | 6 | | 11 | 1 | | |
| Existing | 1 | 2 | | 7 | 1 | | |
| Renewals | 2 | 15 | | 10 | 9 | | |
| Modifications | | 3 | 1 | 6 | 2 | | |
| Total | 3 | 26 | 1 | 34 | 13 | 100 | 102 |
| <u>Sludge Disposal</u> | | | | | | | |
| New | 1 | 1 | 1 | 1 | | | |
| Existing | | 3 | | 3 | | | |
| Renewals | 1 | 3 | | 2 | 1 | | |
| Modifications | | | | | | | |
| Total | 2 | 7 | 1 | 6 | 1 | 9 | 9 |
| <u>Hazardous Waste</u> | | | | | | | |
| New | | | | | | | |
| Authorizations | 19 | 187 | 11 | 200 | 8 | | |
| Renewals | | | | | | | |
| Modifications | | | | | | | |
| Total | 19 | 187 | 11 | 200 | 8 | 1 | 1 |
| <u>GRAND TOTALS</u> | <u>39</u> | <u>285</u> | <u>25</u> | <u>310</u> | <u>55</u> | <u>316</u> | <u>324</u> |

*Seventeen (17) sites operating under temporary permits until regular permits are issued.

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Solid Waste
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 25

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|--|--|-------------------|-----------------------------------|
| <u>General Refuse Facilities (8)</u> | | | |
| Wasco | Northern Wasco Co. Landfill Existing Facility | 6/20/78 | Permit Amended. |
| Gilliam | Arlington Disposal Site Existing Facility | | |
| Multnomah | Resource Recovery Byproducts Existing Processing Facility | 6/22/78 | Permit Renewed. |
| Harney | Diamond Disposal Site New Site | 6/27/78 | Permit Issued. |
| Harney | Drewsey Disposal Site New Site | 6/27/78 | Permit Issued. |
| Harney | Fields Disposal Site Existing Site | 6/27/78 | Permit Issued. |
| Harney | Frenchglen Disposal Site Existing Site | 6/27/78 | Permit Issued. |
| Lane | Creswell Landfill | 6/27/78 | Permit Renewed |
| <u>Demolition Waste Facilities (4)</u> | | | |
| Washington | Herbert Althouse New Facility | 6/12/78 | Letter Authoriza- tion Issued. |
| Columbia | U.S. Corps of Engineers New Facility | 6/19/78 | Letter Authoriza- tion Issued. |
| Washington | Hillsboro Landfill Existing Facility | 6/22/78 | Permit Renewed. |
| Lane | Delta Construction Co. New Site | 6/26/78 | Letter Authoriza- tion Issued. |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Solid Waste
(Reporting Unit)

June 1978
(Month and Year)

PERMIT ACTIONS COMPLETED - 25 cont.

| County | Name of Source/Project/Site and Type of Same | Date of Action | Action |
|--|---|-------------------|-----------------------------------|
| <u>Industrial Waste Facilities</u> (1) | | | |
| Crook | Les Schwab Tire Disposal Site Existing Site | 6/2/78 | Permit Amended. |
| <u>Sludge Disposal Facilities</u> (1) | | | |
| Douglas | Douglas Co. Public Works Dept. New Site | 6/12/78 | Letter Authoriza- tion issued. |

DEPARTMENT OF ENVIRONMENTAL QUALITY

MONTHLY ACTIVITY REPORT

Solid Waste
(Reporting Unit)June 1978
(Month and Year)

HAZARDOUS WASTE DISPOSAL REQUESTS

CHEM-NUCLEAR SYSTEMS, GILLIAM CO.

| Date | Type | Source | Quantity | |
|------------------------------|---|------------------------------|----------------|---------------|
| | | | Present | Future |
| <u>REQUESTS GRANTED (11)</u> | | | | |
| <u>OREGON</u> | | | | |
| 1 | Pesticides | Various | Small quan. | None |
| 5 | Unwanted herbicides 2,4,D and 2,4,5,T | U.S. Forest Service | 2,500 gal. | Periodic |
| 20 | PCB Capacitors | Utility | 141 Units | Periodic |
| 20 | Unwanted herbicides | County Park | 6 drums | Periodic |
| 27 | Contaminated paint thinner (flammable) & polymerized vinyl adhesive (non-flammable) | Vinyl Plant | 100 drums | 100 drums/yr. |
| <u>WASHINGTON</u> | | | | |
| 1 | PCB capacitors | Utility | 29 units | Periodic |
| 1 | Phenolic tars | Paper Mill Chemical Plant | 14 drums | 50 drums/yr. |
| 5 | Copper sulfate-sulfuric acid solution | Research Lab. | Small quan. | Periodic |
| 5 | Spent chemicals consisting of oil, solvent, sulfuric acid, & copper solution | Electronics Plant | 21 drums | Periodic |
| 30 | Para-formaldehyde tank cleaning | Resin Plant | 80 cu. yds. | Periodic |
| <u>BRITISH COLUMBIA</u> | | | | |
| 1 | PCB contaminated rags, soil, etc. | PCB spill clean up | 8 drums | None |

NOTE:

HAZARDOUS WASTE DISPOSAL AUTHORIZATION (OUT OF STATE)
WILL BE DISTRIBUTED AT THE MEETING.

July 1978

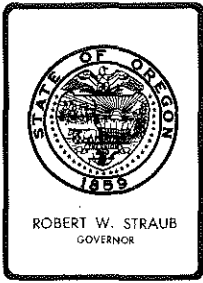
| <u>TOTALS</u> | <u>Last</u> | <u>Present</u> |
|----------------------|-------------|----------------|
| Settlement Action | 16 | 12 |
| Preliminary Issues | 20 | 19 |
| Discovery | 4 | 4 |
| To be Scheduled | 3 | 4 |
| To be Rescheduled | 0 | 0 |
| Set for Hearing | 1 | 0 |
| Briefing | 2 | 2 |
| Decision Due | 12 | 11 |
| Decision Out | 2 | 3 |
| Appeal to Commission | 2 | 3 |
| Appeal to Court | 0 | 0 |
| Transcript | 1 | 1 |
| Finished | <u>0</u> | <u>- 5</u> |
| TOTAL | 63 | 64 - 5 = 59 |

KEY

| | |
|----------------|---|
| ACD | Air Contaminant Discharge Permit |
| AQ | Air Quality |
| AQ-SNCR-76-178 | A violation involving air quality occurring in the Salem/North Coast Region in the year 1976; the 178th enforcement action in that region for the year. |
| Cor | Cordes |
| CR | Central Region |
| Dec Date | The date of either a proposed decision of a hearing officer or a decision by the Commission. |
| \$ | Civil Penalty Amount |
| ER | Eastern Region |
| Fld Brn | Field Burning incident |
| Hrngrs | The Hearings Section |
| Hrng Rfrl | The date when the enforcement and compliance unit requests the Hearings Unit to schedule a hearing. |
| Hrng Rqst | The date the agency receives a request for a hearing. |
| <i>Italics</i> | Different status or new case since last contested case log. |
| LQ | Land Quality |
| McS | McSwain |
| MWV | The Mid-Willamette Valley Region |
| NP | Noise Pollution |
| NPDES | National Pollution Discharge Elimination System wastewater discharge permit |
| P | At the beginning of a case number this means litigation over a permit or its conditions. |
| PR | Portland Region |
| PNCR | Portland/North Coast Region |
| Prtys | All parties involved. |
| Rem Order | Remedial Action Order |
| Resp Code | The source of the next expected activity on the case. |
| SNCR | Salem/North Coast Region (now MWVR) |
| S.S.D. | Subsurface Sewage Disposal |
| SWR | Southwest Region |
| T | At the beginning of a case number this means litigation over a tax credit matter. |
| Trancr | Transcript being made. |
| WQ | Water Quality |

DEQ/EQC Contested Case Log

| Pet/Resp Name | Hrng Rqst | Hrng Rfrml | DEQ or Atty | Hrng Offcr | Hrng Date | Resp Code | Dec Date | Case Type & # | Case Status |
|---------------------------------------|-----------|------------|-------------|------------|-----------|-----------|----------|--------------------------------|---------------------|
| Davis et al | 5/75 | 5/75 | Atty | McS | 5/76 | Dept | 6/78 | 12 SSD Permits | Settlement Action |
| Paulson | 5/75 | 5/75 | Atty | McS | | Resp | | 1 SSD Permit | Settlement Action |
| Trent | 5/75 | 5/75 | Atty | McS | | Resp | | 1 SSD Permit | Settlement Action |
| Faydrex, Inc. | 5/75 | 5/75 | Atty | McS | 11/77 | Transc | | 64 SSD Permits | Transcript Prepared |
| Johns et al | 5/75 | 5/75 | Atty | McS | | All | | 3 SSD Permits | Preliminary Issues |
| Laharty | 1/76 | 1/76 | Atty | McS | 9/76 | Resp | 1/77 | Rem Order SSD | Appeal to Comm |
| PGE (Harborton) | 2/76 | 2/76 | Atty | McS | | Prtys | | ACD Permit Denial | Preliminary Issues |
| Allen | 3/76 | 4/76 | DEQ | McS | | Resp | | SSD Permit | To be Scheduled |
| Taylor, R. | 9/76 | 9/76 | Atty | Lmb | 12/76 | Resp | 12/77 | \$500 LQ-MWR-76-91 | Appeal to Comm |
| Ellsworth | 10/76 | 10/76 | Atty | McS | | Dept | | \$10,000 WQ-PR-76-48 two cases | Preliminary Issues |
| Ellsworth | 10/76 | 10/76 | Atty | McS | | Dept | | P-SS-PR-78-01 | Preliminary Issues |
| Silbernagel | 10/76 | 10/77 | Atty | Cor | | Resp | | AQ-MWR-76-202 \$400 | Discovery |
| Jensen | 11/76 | 11/76 | DEQ | Cor | 12/77 | Resp | 6/78 | \$1500 Fld Brn AQ-SNCR-76-232 | Appeal to Comm |
| Mignot | 11/76 | 11/76 | DEQ | McS | 2/77 | Resp | 2/77 | \$400 SW-SWR-288-76 | Settlement Action |
| Hudspeth | 12/76 | 12/76 | Atty | McS | 3/77 | Prtys | | \$500 WQ-CR-76-250 | Settlement Action |
| Perry | 12/76 | 12/76 | DEQ | Cor | 1/78 | Hrngrs | | Rem Order SS-SWR-253-76 | Decision Due |
| Jones | 4/77 | 7/77 | DEQ | Cor | 6/9/78 | Dept | | SSD Permit SS-SWR-77-57 | Briefing |
| Beaver State et al | 5/77 | 5/77 | Atty | Cor | 10/77 | Hrngrs | | \$150 AQ-SNCR-77-84 | Decision Due |
| Sundown et al | 5/77 | 6/77 | Atty | McS | | Prtys | | \$11,000 Total SS Viol SNCR | Settlement Action |
| Wallace | 5/77 | 6/77 | DEQ | Cor | 1/78 | Hrngrs | 6/78 | 1 SSD Permit Denial | Decision Out |
| Wright | 5/77 | 5/77 | Atty | McS | | Dept | | \$250 SS-MWR-77-99 | Preliminary Issues |
| Henderson | 6/77 | 7/77 | Atty | Cor | 1/77 | Hrngrs | | Rem Order SS-CR-77-136 | Decision Due |
| Exton | 6/77 | 8/77 | DEQ | Cor | 6/12/78 | Hrngrs | | Rem Order SS-PR-76-268 | Decision Due |
| Lowe | 7/77 | 7/77 | DEQ | Cor | | Prtys | | \$1500 SW-PR-77-103 | Settlement Action |
| Magness | 7/77 | 7/77 | DEQ | Cor | 11/77 | Hrngrs | | \$1150 Total SS-SWR-77-142 | Decision Due |
| Southern Pacific Trans | 7/77 | 7/77 | Atty | Cor | | Prtys | | \$500 NP-SNCR-77-154 | Preliminary Issues |
| Suniga | 7/77 | 7/77 | DEQ | Lmb | 10/77 | Resp | | \$500 AQ-SNCR-77-143 | Decision Due |
| Sun Studs | 8/77 | 9/77 | DEQ | | | Dept | | \$300 WQ-SWR-77-152 | Preliminary Issues |
| Taylor, D. | 8/77 | 10/77 | DEQ | McS | 4/78 | Dept | | \$250 SS-PR-77-188 | Settlement Action |
| Brookshire | 9/77 | 9/77 | Atty | McS | 4/19/78 | Hrngrs | | \$1000 AQ-SNCR-76-178 Fld Brn | Decision Due |
| Grants Pass Irrig | 9/77 | 9/77 | Atty | McS | | Prtys | | \$10,000 WQ-SWR-77-195 | Discovery |
| Pohl | 9/77 | 12/77 | Atty | Cor | 3/30/78 | Resp | | SSD Permit App | Briefing |
| Trussel et al | 9/77 | 9/77 | DEQ | Cor | 10/77 | Hrngrs | | \$150 AQ-SNCR-77-185 | Decision Due |
| Califf | 10/77 | 10/77 | DEQ | Cor | 4/26/78 | Prtys | | Rem Order SS-PR-77-225 | Settlement Action |
| Mc Clincy | 10/77 | 12/77 | Atty | McS | | Resp | | SSD Permit Denial | Preliminary Issues |
| Zorich | 10/77 | 10/77 | Atty | Cor | | Dept | | \$100 NP-SNCR-77-173 | Preliminary Issues |
| Clay | 11/77 | 12/77 | DEQ | McS | | Resp | | \$200 SS-MWR-77-254 | Decision Out |
| Jenks | 11/77 | 12/77 | DEQ | McS | 6/21/78 | Hrngrs | | \$1000 Fld Brn AQ-MWR-77-284 | Decision Due |
| Oak Creek Farms | 11/77 | 12/77 | DEQ | McS | 3/78 | Hrngrs | | \$500 AQ-MWR-77 Fld Brn | Decision Due |
| Powell | 11/77 | 11/77 | Atty | Cor | | Prtys | | \$10,000 Fld Brn AQ-MWR-77-241 | Preliminary Issues |
| Wah Chang | 12/77 | 12/77 | Atty | McS | | Dept | | ACD Permit Conditions | Preliminary Issues |
| Barrett & Sons, Inc. | 12/77 | | DEQ | | | Dept | | \$500 WQ-PR-77-307 | Preliminary Issues |
| Carl F. Jensen | 12/77 | 1/78 | Atty | McS | | Prtys | | Unsewered Houseboat Moorage | |
| Carl F. Jensen/ Elmer Klopfenstein | 12/77 | 1/78 | Atty | McS | | Prtys | | \$18,600 AQ-MWR-77-321 Fld Brn | Discovery |
| Steckley | 12/77 | 12/77 | DEQ | McS | 6/9/78 | Hrngrs | | \$1200 AQ-SNCR-77-320 Fld Brn | Discovery |
| Van Leeuwen | 12/77 | | DEQ | | | Prtys | | \$200 AQ-MWR-77-298 Fld Brn | Decision Due |
| Heaton | 1/78 | 2/78 | DEQ | McS | 5/31/78 | Hrngrs | | \$320 AQ-MWR-77-295 Fld Brn | Finished |
| Towery | 1/78 | 2/78 | DEQ | | | Resp | | \$500 AQ-PR-77-325 Fld Brn | Decision Out |
| Wah Chang | 1/78 | 2/78 | Atty | Cor | | Dept | | \$375 SNCR-77-326 Fld Brn | Finished |
| Book Farms | 2/78 | 2/78 | DEQ | | | Dept | | \$5500 WQ-MWR-77-334 | Preliminary Issues |
| Gray | 2/78 | 3/78 | DEQ | | | Dept | | \$200 AQ-MWR-77-330 Fld Brn | Finished |
| Hawkins | 3/78 | 3/78 | Atty | | | Dept | | \$250 SS-PR-78-12 | Settlement Action |
| Hawkins Timber | 3/78 | 3/78 | Atty | | | Dept | | \$5000 AQ-PR-77-315 | Preliminary Issues |
| Knight | 3/78 | | DEQ | | | Resp | | \$5000 AP-PR-77-314 | Preliminary Issues |
| Langston | 3/78 | 3/78 | | | | Hrngrs | | \$500 SS-SWR-78-33 | Settlement Action |
| Avery | 4/78 | 5/78 | DEQ | | | Hrngrs | | \$1000 AQ-NWR-78-31 | To be Scheduled |
| Goos Head | 4/78 | | | | | Prtys | | \$500 AQ-SNCR-78-05 | To be Scheduled |
| At Pierce | 4/78 | 4/78 | Atty | Cor | | Prtys | | Water Permit (Log-Handling) | Finished |
| Villereal | 4/78 | | DEQ | | | Prtys | | Water Permit (Log-Handling) | Finished |
| Wah Chang | 4/78 | | Atty | McS | | Hrngrs | | \$250 SS-WVR-78-78 | Settlement Action |
| Abiqua | 5/78 | | DEQ | | | Resp | | NPDES Permit | To be Scheduled |
| Stimpson | 5/78 | | DEQ | | | Dept | | P-SS-WVR-78-01 | Preliminary Issues |
| Vogt | 6/78 | | DEQ | | | Dept | | Tax Credit Cert. T-AQ-PR-78-01 | Preliminary Issues |
| Hogue | 7/78 | | DEQ | | | Dept | | SSD Permit | Preliminary Issues |
| | | | | | | | | P-SS-SWR-78 | Preliminary Issues |



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Director
Subject: Agenda Item No. C, July 28, 1978, EQC Meeting

TAX CREDIT APPLICATIONS

Attached are three requests for tax credit action. Review reports and recommendations of the Director are summarized on the attached table.

Director's Recommendation

It is recommended that the Commission issue Pollution Control Facility Certificates for three (3) applications: T-975, T-1008 and T-1011.

WILLIAM H. YOUNG

MJDowns:cs
229-6485
7/20/78
Attachments



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TAX CREDIT APPLICATIONS SUMMARY

| Applicant/ Plant Location | Appl. No. | Facility | Claimed Cost | % Allocable to Pollution Control | Director's Recommendation |
|--|----------------|--|-----------------|--|------------------------------|
| Menasha Corp. North Bend | T-975 (WQ) | Settling tank | \$ 8,854.00 | less than 20% | Issue Certificate |
| Rhodia, Inc. Portland | T-1008 (WQ) | Wastewater system | 1,582,924.00 | 80% or more | Issue Certificate |
| Willamette Poultry Co., Inc. Creswell | T-1011 (WQ) | Supplement to aeration lagoon and polishing ponds | 73,685.73 | 80% or more | Issue Certificate |

| Proposed July 1978 Totals | | Calendar Year Totals to Date (excluding July 1978 Totals) | |
|---------------------------|--------------------|--|---------------------|
| Air Quality | -0- | Air Quality | \$ 2,052,699 |
| Water Quality | \$1,665,463 | Water Quality | 4,877,208 |
| Solid Waste | -0- | Solid Waste | 13,584,250 |
| | <u>\$1,665,463</u> | | <u>\$20,514,457</u> |

Total Certificates Awarded (Monetary Values)
Since Beginning of Program (Excluding July 1978 Totals)

| | |
|---------------|----------------------|
| Air Quality | \$114,239,784 |
| Water Quality | 84,172,374 |
| Solid Waste | 28,012,879 |
| | <u>\$226,425,010</u> |

Appl T-975

Date 6/23/78

State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY
TAX RELIEF APPLICATION REVIEW REPORT

1. Applicant

Menasha Corporation
Paperboard Division
P.O. Box 329
North Bend, OR 97459

The applicant owns and operates a neutral sulfite semi-chemical pulp and paper mill near North Bend, Oregon in Coos County.

Application was made for Tax Credit for Water Pollution Control Facility.

2. Description of Claimed Facility

The facility described in this application is a settling tank to separate sand from the paper machine tertiary rejects. The system washes the rejects and reclaims about 3000 lbs/day of fiber which used to be sewerred.

Menasha apparently submitted a Notice of Intent to Construct and a Request for Preliminary Certification for Tax Credit on January 26, 1977. The request must have been lost or mislaid since the Department has no record of receiving it. A copy of a letter of transmittal and the request for preliminary certification has been shown to staff by the applicant and staff believes that the request was made in a timely manner.

Construction was initiated on the claimed facility in June 1977, completed December 1977 and the facility was placed in operation in December 1977.

Facility Cost: \$8,854 (Accountant's certification was provided). Certification is claimed under the 1969 Act with 100% allocated to pollution control.

3. Evaluation of Application

The system is designed to reclaim about 3000 lbs/day of fiber which would otherwise discharge to the mill's waste treatment system. The facility has reduced the mill's raw discharge volume by 75,300 gpd with a corresponding reduction in BOD to the lagoon of 1700 lbs/day.

4. Summation

A. The facility received preliminary certification by default pursuant to ORS 468.175.

4. Summation (continued)

- B. Facility was constructed on or after January 1, 1967 as required by ORS 468.165(1)(a).
- C. Facility is designed for and is being operated to a substantial extent for the purpose of preventing, controlling or reducing water pollution.
- D. The cost of the claimed facility was \$8,854 with a net annual profit before taxes of \$3,215. This results in a return on investment of 36% which allows up to 20% of the facility cost allocable to tax credit.

5. Director's Recommendation

It is recommended that a Pollution Control Facility Certificate bearing the cost of \$8,854 with less than 20% allocated to pollution control be issued for the facility claimed in Tax Credit Application Number T-975.

Charles K. Ashbaker
Larry D. Patterson:em
229-5374
July 20, 1978

Appl: T-1008

Date July 5, 1978

State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY
TAX RELIEF APPLICATION REVIEW REPORT

1. Applicant

Rhodia, Inc.
Agricultural Division
600 Madison Avenue
New York, N.Y. 10022

Portland Plant

The applicant owns and operates a plant manufacturing agricultural chemicals (herbicides) on the Willamette River at 6200 N. W. St. Helens Road in Portland, Oregon.

2. Description of Claimed Facility

The claimed facilities consist of two separate systems as follows:

- a. Process effluent containing various hydrocarbons at a low pH is collected in a 160,000 gal. acid brick lined equalization basin. For hydrocarbon removal, effluent is processed through two 8' x 35' wooden adsorbers in series containing activated carbon. This is followed by two stage neutralization with lime in 1500 gal and 5500 gal FRP vessels. Treated water is held and tested in one of the four 60,000 gal steel vessels prior to discharge to the city sewer.
- b. Area drainage is segregated from process water and collected in two 100,000 gal steel hold tanks. If contaminated it is pH adjusted and, for hydrocarbon removal, processed through two 8' x 35' wooden adsorbers in series containing activated carbon. Treated water is held and tested in one of two 25,000 gal steel tanks prior to discharge to the Willamette River.

Request for Preliminary Certification for Tax Credit was made July 26, 1976 and approved August 19, 1976. Construction was initiated on the claimed facility November 15, 1976, completed December 1, 1977, and placed into operation July 1, 1977.

Facility Cost: \$1,582,924 (Certified Public Accountant's statement was provided).

3. Evaluation

Installation of the claimed facility with separation of process waste water and area runoff has enabled Rhodia to meet permit limits. Flow has been reduced from 70,000 GPD to 15,000 GPM. pH fluctuations have been eliminated. TOC has been reduced from 1,200 mg/l to 100 mg/l. Suspended solids have been reduced from 500 mg/l to 50 mg/l. Phenolics and chlorinated hydrocarbons have also been greatly reduced. With reduced flow and concentration, quantity loadings in effluent to the river are even more improved.

4. Summation

- A. Facility was constructed after receiving approval to construct and Preliminary Certification issued pursuant to ORS 468.175.
- B. Facility was constructed on or after January 1, 1967, as required by ORS 468.165(1)(a).
- C. Facility is designed for and is being operated to a substantial extent for the purpose of preventing, controlling or reducing water pollution.
- D. The facility was required by the Department of Environmental Quality and is necessary to satisfy the intents and purposes of ORS Chapter 468 and the rules adopted under that chapter.
- E. Applicant claims 100% of costs allocable to pollution control.

5. Director's Recommendation

It is recommended that a Pollution Control Facility Certificate be issued for the facility claimed in Application T-1008, such Certificate to bear the actual cost of \$1,582,924, with 80% or more allocable to pollution control.

C. K. Ashbaker
W.D. Leshner/em
229-5318
July 5, 1978

State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY
TAX RELIEF APPLICATION REVIEW REPORT

1. Applicant

Willamette Poultry Company, Inc.
Creswell Plant
P.O. Box 246
Creswell, OR 97426

The applicant owns and operates a poultry processing plant at Creswell, Oregon. Chicken fryers are dressed and packaged.

Application was made for tax credit for water pollution control facility.

2. Description of Claimed Facility

The claimed facility described in this application supplements existing aeration lagoon and polishing ponds and consists of:

- A. Wastewater pump house and station
- B. Chlorination facility and contact chamber.
- C. A seven acre overland flow treatment and irrigation system.
- D. Sampling sump.

Request for Preliminary Certification for Tax Credit was made June 10, 1977, and approved June 20, 1977. Construction was initiated on the claimed facility in July 1977, completed and placed into operation in November 1977.

Facility Cost: \$73,685.73 (Certified Public Accountant's statement was provided.)

3. Evaluation

The applicant claims that the overland flow system has reduced BOD and suspended solids concentration discharged to Camas Swale Creek by 75%; and that chlorination provides the disinfection to meet limits and coliform requirements of their NPDES permit. Discharge monitoring reports and staff substantiate this.

4. Summation

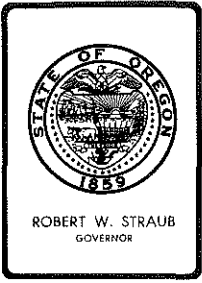
- A. Facility was constructed after receiving approval to construct and Preliminary Certification issued pursuant to ORS 468.175.

- B. Facility was constructed on or after January 1, 1967, as required by ORS 468.165(1)(a).
- C. Facility is designed for and is being operated to a substantial extent for the purpose of preventing, controlling or reducing water pollution.
- D. The facility was required by the Department of Environmental Quality and is necessary to satisfy the intents and purposes of ORS Chapter 468 and the rules adopted under that chapter.
- E. Applicant claims 100% of costs allocable to pollution control.

5. Director's Recommendation

It is recommended that a Pollution Control Facility Certificate be issued for the facility claimed in Application T1011, such Certificate to bear the actual cost of \$73,685.73 with 80% or more allocable to pollution control.

Charles K. Ashbaker:nrj
229-5309
July 18, 1978



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission

From: Director

Subject: Agenda Item No. D, July 28, 1978, EQC Meeting

Second EQC Briefing - 1979-81 Budget

Background

A tabular summary of a second version of our 1979-81 budget planning is attached for your information. This version reflects the first results of our attempts to rank all budget request packages on an agency-wide basis. It represents but a "snapshot" in a succession of rapidly changing lists as we decide priorities and begin to group packages to reduce the number to be presented to the Governor and Legislature.

I realize the information may appear sketchy. It is unfortunate that the time available for our planning has been inadequate to provide you with better presentation materials. To counter that fault, I am relying upon our scheduled briefings to provide the substance to each of the sketchy descriptors and aid you in commenting on the relative priorities.

A few clues will aid you as you await the briefing: The second column contains a package identifier number for our tracking purposes. The digits are simply assigned in sequence but the letters in this number identify the originating Division.

AQD - Air Quality Division
WQD - Water Quality Division
SWD - Solid Waste Division
LAQ - Laboratory (air quality portions)
LWQ - Laboratory (water quality portions)
LSW - Laboratory (solid waste portions)
ROD - Regional Operations Division (mixed programs)
AMD - Agency Management Program
N - Noise
DEQ - Mixed programs (e.g., LCDC)

Whenever those letters are abbreviated further to just AQ, WQ, SW, the package contains multiple divisions.



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Materials

The far right column indicates the cumulative percentage each package adds in comparison to the current budget, adjusted for inflation and salary increases. The APLS procedure affords some security in assuming the packages within the 85% level will be approved. Some analysis will be performed on that "comfort zone" but less rigorously than the inquiry above that level. We can assume that the future reviews of our request will attempt to limit our total request at least to the 100% level, making the decision of what falls outside that level a significant choice. Finally, we will face the question of setting the outside limits on the entire request--avoiding the "threshold of embarrassment."

Aside from these three cutoff levels, the relative priority of one package to another is of small consequence. In summary, then, the major decisions we must make soon are which budget request packages are (1) within the 85% "RLB", (2) which are within the 100% level, and (3) which should not be on the list at all or have been omitted and should be added to the request. On that basis, we will look forward to providing you with greater explanation, a further refined list, and receiving your reviews on the materials at the scheduled briefing during the July 28, 1978 meeting.

Director's Recommendation

No formal action is required on this item.

Bill

WILLIAM H. YOUNG

MJDowns:cs
229-6485
7/21/78
Attachment
cc: Division Administrators

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 932 | 001AQD | Admin. & Support Services | 613.2 | 613.2 | 2.8 | |
| 931 | 002AQD | Control Strategy Development | 431.1 | 1044.3 | 4.8 | |
| 930 | 003AQD | New Source Review | 181.7 | 1226.0 | 5.6 | |
| 929 | 004AQD | Data Processing & Reporting | 239.1 | 1465.1 | 6.7 | |
| 928 | 005AQD | Emission Inventory (see 20) | 73.0 | 1538.1 | 7.0 | |
| 927 | 007AQD | Est. Source Test Capability (see 18, 135) | 76.5 | 1614.6 | 7.4 | |
| 926 | 008AQD | Program Operation, Training | 173.7 | 1788.3 | 8.2 | |
| 925 | 009AQD | ACDP Issuance Management | 54.6 | 1842.9 | 8.4 | |
| 924 | 010AQD | Prog. Oper. Major Plan Review | 92.5 | 1935.4 | 8.9 | |
| 923 | 011AQD | Inspections, enforcement, tracking | 127.5 | 2062.9 | 9.4 | |
| 922 | 202AQD | Smoke Management (12, 30) | E 287.2 | 2350.1 | 10.8 | |
| 921 | 014AQD | Vehicle Inspection Program | 2134.1 | 4484.2 | 20.6 | |
| 920 | 019AQD | Air Monitoring Program Management | 58.5 | 4542.7 | 20.9 | |
| 912 | 015AQD | Noise Control Program | 112.0 | 4654.7 | 21.4 | |
| 911 | 016AQD | Noise Compliance and Assurance | 181.7 | 4836.4 | 22.2 | |
| 910 | 017AQD | Noise Local Programs | 210.1 | 5046.5 | 23.2 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 909 | 156WQD | Program Planning and Administration | 318.3 | 5364.8 | 24.6 | |
| 908 | 157WQD | Permits/Compliance Assurance/Enforcement | 219.1 | 5583.9 | 25.7 | |
| 907 | 158WQD | Subsurface Evaluations/Permit/Enforcement | 60.7 | 5644.6 | 25.9 | |
| 906 | 159WQD | Construction Grants | 618.1 | 6262.7 | 28.8 | |
| 904 | 161WQD | Experimental OnSite Systems(See # 75) | 101.2 | 6363.9 | 29.2 | |
| 902 | 163WQD | Data Storage/Retrieval/Display | 52.6 | 6416.5 | 29.5 | |
| 901 | 164WQD | Water Quality Problem/Progress Identification | 88.1 | 6504.6 | 29.9 | |
| 803 | 059SWD | Administration--Solid Waste | 112.0 | 6616.6 | 30.4 | |
| 802 | 060SWD | Solid Waste Disposal Control | 181.6 | 6798.2 | 31.2 | |
| 801 | 061SWD | Hazardous Waste Disposal Control | 144.4 | 6942.6 | 31.9 | |
| 705 | 209DEQ | Apc-Sce Control Reg. (73, 73a, 73b) | 1034.0 | 7976.6 | 36.7 | |
| 704 | 074ROD | Water Pollution source control--Regional | 1252.8 | 9229.4 | 42.4 | |
| 703 | 075ROD | Subsurface sewage disposal--Permits & Asst. | 833.9 | 10063.3 | 46.3 | |
| 702 | 076ROD | Solid Waste Source Control--Regional Offices | 469.9 | 10533.2 | 48.4 | |
| 701 | 210DEQ | Enforcement (77, 77a, 77b) | 258.3 | 10791.5 | 49.6 | |
| 700 | 078ROD | Soil Investigation services | 141.0 | 10932.5 | 50.3 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|---------|--|-----------------|--------------------|---------|----------|
| 607 | 123LAQ | Laboratory Administration | 256.1 | 11188.6 | 51.5 | |
| 606 | 124LAQ | Monitoring Southwest | 102.9 | 11291.5 | 51.9 | |
| 605 | 125LAQ | Monitoring Portland Network | 317.1 | 11608.6 | 53.4 | |
| 604 | 127LAQ | Basic Monitoring--Midupper Willamette Valley | 143.6 | 11752.2 | 54.1 | |
| 603 | 128LAQ | Monitoring--Eastern Region | 56.8 | 11809.0 | 54.3 | |
| 602 | 129LAQ* | Monitoring--Medford (Also 205) | 71.7 | 11880.7 | 54.6 | |
| 601 | 130LAQ | Other Special Sampling--Portland | 71.0 | 11951.7 | 55.0 | |
| 600 | 131LAQ | Ground level Meteorological--Portland | 175.1 | 12126.8 | 55.8 | |
| 509 | 095LWQ | Laboratory Administration | 256.1 | 12382.9 | 57.0 | |
| 508 | 096LWQ | STORET (also 109, 163, 172) | 12.5 | 12395.4 | 57.0 | |
| 507 | 097LWQ | Surface Water Monitoring | 304.8 | 12700.2 | 58.4 | |
| 506 | 098LWQ | Water Supply Analyses | 25.4 | 12725.6 | 58.5 | |
| 505 | 099LWQ | Biology (Resolve Question) | 146.2 | 12871.8 | 59.2 | |
| 504 | 100LWQ | Estuaries Water Analyses | 71.0 | 12942.8 | 59.5 | |
| 503 | 101LWQ | Point Source | 147.7 | 13090.5 | 60.2 | |
| 502 | 102LWQ | Subsurface | 29.0 | 13119.5 | 60.3 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 501 | 103LWQ | Repair and Maintenance | 14.2 | 13133.7 | 60.4 | |
| 406 | 112LSW | Laboratory Administration | 56.9 | 13190.6 | 60.7 | |
| 405 | 113LSW | Repair and Maintenance/Laboratory | 10.9 | 13201.5 | 60.7 | |
| 404 | 114LSW | Section Administration/Laboratory | 8.5 | 13210.0 | 60.8 | |
| 403 | 116LSW | Landfill leachates | 55.5 | 13265.5 | 61.0 | |
| 402 | 117LSW | Chem Nuclear | 22.1 | 13287.6 | 61.1 | |
| 401 | 118LSW | Alkali Lake | 31.5 | 13319.1 | 61.3 | |
| 400 | 119LSW | Special Projects/Laboratories | 25.6 | 13344.7 | 61.4 | |
| 306 | 036AMD | Director's Office | 171.0 | 13515.7 | 62.2 | |
| 305 | 037AMD | Public Affairs Officer | 86.2 | 13601.9 | 62.6 | |
| 304 | 207AMD | Acctg. & Purch. (39, 46) | 577.2 | 14179.1 | 65.2 | |
| 304 | 038AMD | Administrator, Management Services Div.,EQC | 145.8 | 14324.9 | 65.9 | |
| 302 | 040AMD | Budgeting | 176.5 | 14501.4 | 66.7 | |
| 301 | 041AMD | Personnel Unit Retention | 130.7 | 14632.1 | 67.3 | |
| 300 | 043AMD | Hearings Office | 127.5 | 14759.6 | 67.9 | |
| 268 | 206AMD | Support Services (42, 42a) | 1314.5 | 16074.1 | 74.0 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|--|-----------------|--------------------|---------|----------|
| 251 | 134LAQ | Plume evaluation training--Regional Offices | 32.2 | 16106.3 | 74.1 | |
| 250 | 167WQD | Subsurface Variance Program | 58.3 | 16164.6 | 74.4 | |
| 248 | 018AQD | Est. Source Test & Data Capability (see 7,135) | 46.2 | 16210.8 | 74.6 | |
| 247 | 135LAQ | Source Test Analysis (see 7, 18) | 19.5 | 16230.3 | 74.7 | |
| 246 | 020AQD | Emission Inventory (see 7) | 73.0 | 16303.3 | 75.0 | |
| 245 | 198DEQ | LCDC Current Effort (51) | 0.0 | 16303.3 | 75.0 | |
| 230 | 204AQD | SAMWG (132, 151) | 116.9 | 16420.2 | 75.5 | |
| 229 | 171WQD | Restore Planning Capability (add pp.p.) | 154.1 | 16574.3 | 76.3 | |
| 229 | 069SWD | Pub. Part. SW (Restore) (Comb.w 162) | 48.8 | 16623.1 | 76.5 | |
| 229 | 062SWD | Solid Waste Plan. and Imple. (comb.w/69) | 270.8 | 16893.9 | 77.7 | |
| 229 | 044AMD | Information Services | 87.7 | 16981.6 | 78.1 | |
| 227 | 083ROD | Eastern Region Environmental Engineer | 61.5 | 17043.1 | 78.4 | |
| 225 | 166WQD | Water Quality Management Plan Dev.& Update | 136.6 | 17179.7 | 79.0 | |
| 222 | 006AQD | Meteorology | 80.4 | 17260.1 | 79.4 | |
| 221 | 205AQD | Special Monit.--Med/GP (149, 133) E | 75.0 | 17335.1 | 79.8 | |
| 221 | 165WQD | Special Water Quality Studies | 78.8 | 17413.9 | 80.1 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 221 | 104LWQ | Special Studies--Laboratory | 37.3 | 17451.2 | 80.3 | |
| 219 | 081ROD | Noise Control (Restore) | 138.6 | 17589.8 | 80.9 | |
| 219 | 063SWD | Operation of Recycling Information | 157.7 | 17747.5 | 81.7 | |
| 219 | 029AQD | Increase Development of Local Programs | 87.4 | 17834.9 | 82.1 | |
| 217 | 079ROD | SW Planning and Subsurface (Restore) | 406.4 | 18241.3 | 83.9 | |
| 208 | 105LWQ | Groundwater | 9.0 | 18250.3 | 84.0 | |
| 207 | 021AQD | Prevention of Significant Deterioration Prgm. | 59.3 | 18309.6 | 84.2 | |
| 205 | 091ROD | SW Region PHE 2 (AIR) | 60.5 | 18370.1 | 84.5 | |
| 204 | 172WQD | Improve Data Storage & Retrieval | 61.4 | 18431.5 | 84.8 | |
| 204 | 080ROD | Restore Field Monitoring (Effluent Samples) | 264.3 | 18695.8 | 86.0 | |
| 204 | 066SWD | Hazardous Waste Manifest System | 59.2 | 18755.0 | 86.3 | |
| 202 | 025AQD | Noise Vehicle Enforcement Effort (see 29) | 73.8 | 18828.8 | 86.6 | |
| 201 | 055AMD | Training, Affirmative Action and Safety | 58.8 | 18887.6 | 86.9 | |
| 200 | 052AMD | Graphic Artist | 45.3 | 18932.9 | 87.1 | |
| 200 | 045AMD | Intergovernmental Coordination NO LCDC | 69.4 | 19002.3 | 87.4 | |
| 199 | 109LWQ | (See 96,170,168) Data Base, eval. & reporting | 33.1 | 19035.4 | 87.6 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|--|-----------------|--------------------|---------|----------|
| 197 | 022AQD | Data Base Imprv.Pdx/Will.(see 139 205) | 30.0 | 19065.4 | 87.7 | |
| 196 | 169WQD | Plan Review (Relates to # 84) | 157.8 | 19223.2 | 88.5 | |
| 189 | 170WQD | Subsurface Licensing | 18.7 | 19241.9 | 88.5 | |
| 189 | 085ROD | Sanitarian--Eastern Region | 47.0 | 19288.9 | 88.8 | |
| 189 | 047AMD | Program Planning Coordination | 49.9 | 19338.8 | 89.0 | |
| 186 | 200DEQ | LCDC Tech. Asst. (51) | 216.0 | 19554.8 | 90.0 | |
| 186 | 179WQD | Increase Planning Capability (delete p.p.) | 219.4 | 19774.2 | 91.0 | |
| 185 | 199DEQ | LCDC Local Plan Review (51) | 256.0 | 20030.2 | 92.2 | |
| 184 | 203AQD | Field Burning R&D (13,140,24,28) | 1167.7 | 21197.9 | 97.5 | |
| 184 | 054AMD | Accounting System | 12.3 | 21210.2 | 97.6 | |
| 183 | 208DEQ | GC/MS (106, 154, 122) | 221.6 | 21431.8 | 98.6 | |
| 182 | 056AMD | Additional Hearing Officer | 55.6 | 21487.4 | 98.9 | |
| 180 | 087ROD | Will. Valley Region Inspections | 55.5 | 21542.9 | 99.1 | |
| 179 | 050AMD | Contract Administration & Space Management | 57.4 | 21600.3 | 99.4 | |
| 177 | 143LAQ | Quality Assurance of Industrial Emission Anal. | 7.4 | 21607.7 | 99.4 | |
| 175 | 137LAQ | Meterological data Quality Assurance | 44.5 | 21652.2 | 99.6 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 173 | 107LWQ | Workload Increase/Biology | 110.5 | 21762.7 | 100.1 | |
| 171 | 120LSW | Resource Recovery | 16.6 | 21779.3 | 100.2 | |
| 170 | 067SWD | RCRA Hazardous Waste Mgr. | 106.0 | 21885.3 | 100.7 | |
| 169 | 141LAQ | Millersburg Special Monitoring | 16.8 | 21902.1 | 100.8 | |
| 168 | 068SWD | Solid Waste Data Base Development (Restore) | 34.5 | 21936.6 | 100.9 | |
| 166 | 178WQD | Relates to (164,165) Detailed Problem Studies | 206.3 | 22142.9 | 101.9 | |
| 165 | 138LAQ | Pollution standards Index software | 26.1 | 22169.0 | 102.0 | |
| 158 | 092ROD | Will. Valley Office Support | 12.5 | 22181.5 | 102.1 | |
| 158 | 065SWD | Restore/Increase Recycling Information | 50.6 | 22232.1 | 102.3 | |
| 158 | 048AMD | Economic Analysis | 58.8 | 22290.9 | 102.6 | |
| 158 | 026AQD | Eugene Air Strategy | 69.3 | 22360.2 | 102.9 | |
| 157 | 139LAQ | Low Vol. part. size seg. (see 22, 205) | 153.4 | 22513.6 | 103.6 | |
| 156 | 121LSW | Increased Landfill Leachate Monitoring | 35.1 | 22548.7 | 103.8 | |
| 156 | 064SWD | Open Dump Inventory Under RCRA | 56.5 | 22605.2 | 104.0 | |
| 155 | 089ROD | Management of Spill Response | 68.8 | 22674.0 | 104.3 | |
| 151 | 136LAQ | Microscopic Analysis | 22.2 | 22696.2 | 104.4 | |

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 146 | 146LAQ | SF 6 Tracer Studies | 12.3 | 22708.5 | 104.5 | |
| 146 | 144LAQ | Quality Assurance, Software DAS | 55.1 | 22763.6 | 104.7 | |
| 146 | 142LAQ | Upper Air Sounding Met. system | 37.7 | 22801.3 | 104.9 | |
| 142 | 084ROD | Sewer Insp. (see 169) (redo w. WQD) | 220.0 | 23021.3 | 105.9 | |
| 141 | 053AMD | Policy Analysis | 70.0 | 23091.3 | 106.3 | |
| 140 | 071SWD | RCRA Procurement & SW Reduction Program | 45.5 | 23136.8 | 106.5 | |
| 139 | 072SWD | Pesticide Container Control Prog. | 28.3 | 23165.1 | 106.6 | |
| 137 | 110LWQ | Extended Estuaries | 40.3 | 23205.4 | 106.8 | |
| 137 | 090ROD | SW Region Sanitarian | 47.0 | 23252.4 | 107.0 | |
| 130 | 182WQD | Grant Management for Small Communities | 122.7 | 23375.1 | 107.6 | |
| 127 | 032AQD | Indirect Source Permit Program | 64.6 | 23439.7 | 107.9 | |
| 121 | 191WQD | "Fast Tracks" Contract Management | 122.7 | 23562.4 | 108.4 | |
| 118 | 108LWQ | Intralaboratory Quality Assurance | 74.4 | 23636.8 | 108.8 | |
| 100 | 197AMD | Buy Out Word Processing Leases | 0.0 | 23636.8 | 108.8 | |
| 094 | 031AQD | Airshed Study--The Dalles | 201.6 | 23838.4 | 109.7 | |
| 081 | 201DEQ | LCDC "everything else" (51) | 233.0 | 24071.4 | 110.8 | |
| 080 | 058AMD | Tax Credit Program | 183.4 | 24254.8 | 111.6 | |

PACKAGES THAT WERE DELETED AND INCLUDED PARTIALLY OR WHOLE IN NEW PACKAGES AS INDICATED IN ()

July 18, 1978

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|---------|--|-----------------|--------------------|---------|----------|
| 303 | -039AMD | Accounting-(207) | 511.0 | 13884. | 63. | |
| 268 | -042AMD | Support Services-(85%)-(206) | 1117.3 | 15436. | 71. | |
| 262 | -046AMD | Purchasing and Property Clerk-(207) | 66.2 | 15502.2 | 71.3 | |
| 202 | -051AMD | LCDC-(ALL-DEQ)-(198,199,200,201) | 705.9 | 19963.5 | 91.9 | |
| 212 | -42aAMD | Support Services-(15%)-(206) | 197.2 | 18765.9 | 86.3 | |
| 922 | -012AQD | Smoke Management-(202) | 277.5 | 2340.4 | 10.7 | |
| 249 | -013AQD | Field Burning Research-(203) | 778.6 | 16371.3 | 75.3 | |
| 181 | -024AQD | Field Burning Monitoring Program-(203) | 31.0 | 21637. | 99.6 | |
| 163 | -028AQD | Field Burning Technician--(203) | 28.0 | 22346.6 | 102.8 | |
| 149 | -030AQD | Smoke Management--Data Clerk-(202) | 9.7 | 22883.5 | 105.3 | |
| 230 | -132LAQ | SAMWG Requirements-(204) | 72.8 | 16610.8 | 76.4 | |

PACKAGES THAT WERE INCLUDED IN NEW PACKAGES (Continued)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|----------|---|-----------------|--------------------|---------|----------|
| 199 | -133LAQ* | Special-Monitoring-Grants-Pass--(205) | 17.2 | 20228. | 93.1 | |
| 186 | -140LAQ | FB-surveillance, monitoring network-(203) | 330.1 | 21538.1 | 99.1 | |
| 221 | -149LAQ | Other-Special-Monitoring-Medford-(205) | 153.9 | 17744.6 | 81.6 | |
| 092 | -151LAQ | SAMWG-Requirements,-EPA--(204) | 181.6 | 24613.9 | 113.3 | |
| 145 | -154LAQ | Organic-Identification-by-GC/MS-(208) | 44.3 | 23078.6 | 106.2 | |
| 187 | -122LSW | Organic-Identification-by-G.C./M.S.--(208) | 121.9 | 20939.8 | 96.4 | |
| 194 | -106LWQ | Organic-identification-by-GC/MS-(208) | 55.4 | 20570. | 94.7 | |
| 705 | -073ROD | Air-Pollution-Source-Control-(76%)-(209) | 770.0 | 7623.6 | 35. | |
| 701 | -077ROD | Administration--DEQ's-formal-Enforcements-(210) | 236.6 | 10416.8 | 47.9 | |
| 237 | -73aROD | 14%-of-#73ROD-(209) | 154.0 | 16538. | 76.1 | |
| 224 | -73bROD | 10%-of-#73ROD-(209) | 110.0 | 17431.5 | 80.2 | |
| 238 | -77aROD | (14%-of-#77--Enforce-Air)-(210) | 12.7 | 16384. | 75.4 | |
| 219 | -77bROD | (10%-of-#77--Enforce-Air)-(210) | 9.0 | 17753.6 | 81.7 | |

PACKAGES DELETED BEGINNING 7/17/78

| Rank Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|-------------|-----------------------------------|-----------------|--------------------|---------|----------|
| -23AQD- | Clean Air Act Subprogram | | | | |
| -27AQD- | Data Processing | | | | |
| -33AQD- | Program Operations--Major Plan | | | | |
| -34AQD- | Noise Control--Land Use Plan | | | | |
| -35AQD- | LGDC Coordination | | | | |
| -82ROD- | Coordination--LGDC | | | | |
| -93ROD- | Southwest Region Chemist | | | | |
| -115LSW- | Repair and Maintenance/Laboratory | | | | |
| -160WQD- | Complaints/Spills | | | | |
| -162WQD- | Water Quality Monitoring | | | | |
| -168WQD- | Planning Contract Administration | | | | |
| -173WQD- | Monitor Groundwater | | | | |
| -174WQD- | Restore Subsurface Technical | | | | |

PACKAGES DELETED BEGINNING 7/17/78

| Rank Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|-------------|-------|-----------------|--------------------|---------|----------|
|-------------|-------|-----------------|--------------------|---------|----------|

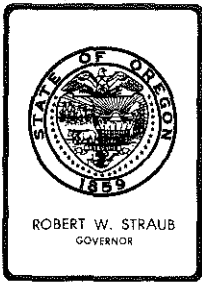
- 175WQD--Restore-Compliance-Assurance-----
- 176WQD--Increase-Eastern-Region-Technical-----
- 177WQD--Develop-Toxics-Analysis-Capability-----
- 180WQD--Provide-Capability-for-Source-----
- 183WQD--LCDC-Coordination-(See-Agency-Mgt.)-----
- 184WQD--Expand-Estuary-Monitoring-----
- 185WQD--Establish-Construction-Inspection-----
- 186WQD--Expand-Staff-Subsurface--ERO-----
- 187WQD--Expand-Staff-Will-Valley-Region-----
- 188WQD--Increase-Soils-Staff-----
- 189WQD--Provide-Spill-Coordination-----
- 190WQD--Expand-Roseburg-Subsurface-staff-----
- 195WQD--Tax-Credits-----
- 196WQD--Restore-Water-Supply-Analysis-----

PACKAGES DELETED ON 7/18/78

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|---------|--|-----------------|--------------------|---------|----------|
| 215 | -086ROD | -Office Support - Eastern Region | 25.0 | 18568.7 | 85.4 | |
| 147 | -094ROD | -SW Region - ET - 3 - Medford | 45.7 | 22929.2 | 105.5 | |
| 134 | -145LAQ | -Particle - Fallout - Network | 4.4 | 23534.1 | 108.3 | |
| 134 | -088ROD | -Soil - Investigation - services | 55.5 | 23589.6 | 108.6 | |
| 134 | -049AMD | -Central - Stores | 35.2 | 23624.8 | 108.7 | |
| 124 | -181WQD | -Assume - Federal - Facility - Permit - Issuance | 61.4 | 23873.5 | 109.9 | |
| 120 | -148LAQ | -Special - Analysis/AQ - Laboratory | 15.7 | 24011.9 | 110.5 | |
| 115 | -155LAQ | -Consulting - Service - & - Analysis - AQ | 13.4 | 24099.7 | 110.9 | |
| 114 | -057AMD | -Modular - Furniture | 14.9 | 24114.6 | 111.1 | |
| 111 | -152LAQ | -Retractable - Booms - KPTV - Tower - site | 36.3 | 24150.9 | 111.1 | |
| 104 | -153LAQ | -Data - Handling - Pkg. - for - Lab - Analysis | 22.2 | 24173.1 | 111.2 | |
| 104 | -070SWD | -Improving - Solid - Waste - Control | 56.5 | 24229.6 | 111.5 | |
| 099 | -147LAQ | -Analysis - for - sulfur - in - oil | 1.1 | 24230.7 | 111.5 | |
| 085 | -150LAQ | -Pollen - Sampling - and - analysis | 34.6 | 24648.5 | 113.4 | |
| 085 | -111LWQ | -Water - Supply - Analyses | 18.8 | 24667.3 | 113.5 | |
| 083 | -194WQD | -Step - III - Grant - Delegation | 393.7 | 25061.1 | 115.3 | |

PACKAGES DELETED ON 7/18/78

| Rank Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|-------------|----------------------------------|-----------------|--------------------|---------|----------|
| 077 | -192WQD-Step I-Grant-Delegation | 215.0 | 25459.4 | 117.2 | |
| 074 | -193WQD-Step II-Grant-Delegation | 196.6 | 25656.0 | 118.1 | |



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Steven F. Gardels, Eastern Region Manager
Subject: Agenda Item No. E, July 28, 1978, EQC Meeting

Report of Eastern Regional Manager on significant items of the Region (Gilliam, Wheeler, Morrow, Umatilla, Grant, Union, Wallowa, Baker and Malheur Counties).

Staff

The Subsurface Program is operated directly by the Eastern Regional Office in all but Malheur County. The sanitarian staff is as follows:

Larry Lemkau (Supervising Sanitarian), Baker County
Ken Birkbeck (Senior Sanitarian), Umatilla County
Charles Chuang (Senior Sanitarian), Union and Wallowa Counties
Bart Barlow (Sanitarian Trainee), Morrow and Grant Counties

Note: Gilliam and Wheeler Counties are covered on a case by case basis between Sanitarians.

Charlene White (Clerical Assistant (CETA))

I must emphasize that the planning department staff in these Counties do a tremendous amount of support work for the subsurface program. They meet the applicants, explain the forms and the program, take the fees and help coordinate the work with the sanitarians and our office secretaries. Without this help, our Subsurface Sewage Disposal Program would be very difficult to run from Pendleton. In Umatilla County, most of the applicants go directly to the Eastern Regional Office.

All other programs are conducted by:

Steve Gardels - EM-1 Regional Manager
Larry Jack - EE
Bruce Hammon - ET-3 (new position as of August 1, 1978)
Judy Jones - Secretary
Merle Sherman - ES-1 (CETA)



Contains
Recycled
Materials

Special Topics

All Counties except Gilliam and Wheeler are experiencing a high growth rate which has strained the Subsurface Program to its limits (1975 to present activity charts attached).

Grant County soils are either shallow or high in clay content. Several experimental systems have been installed. Large areas of Union, Wallowa and Baker Counties have high water tables and coarse grained material which results in a high denial rate. There has not been any experimental systems proposed for these problem areas. The public in Union and Wallowa Counties are expressing growing concern over the Subsurface Sewage Disposal Programs.

In 1974, the energy facility siting council restricted coal plants from the Grand Ronde, Baker and Snake River air sheds based on the Department's recommendations. There is growing concern in these Counties that the State has put undue restrictions on these air sheds. Local economic development committees, chambers and elected officials are not satisfied that the restrictions are needed or valid.

The following items by program will be briefly discussed.

Air Quality

1. The Kinzua Mill in Wheeler County has closed and has moved its operation to the Kinzua Mill in Heppner.
2. The PGE coal plant is now 34% complete.
3. Alumax has decided not to build the aluminum plant near Umatilla in the near future.
4. The Hudspeth Sawmill in John Day has operated well within limits and has not caused complaints since compliance was gained.
5. The Grand Ronde air shed ambient AQ monitoring station showed high TSP levels for 1977. Better source control and the elimination of the burning dumps should relieve violations.
6. Boise Cascade, Elgin, Amalgamated Sugar, Nyssa and OPC Lime are some of the major air sources that will be on delayed compliance schedules.
7. Ellingson in Baker plans to build an ELCO Board Plant which will use wood waste.
8. During the Summer of 1977, this office was plagued by dust complaints from construction sites. Some cities have now passed construction dust ordinances tied into the building permits to reduce the local nuisance problems.

Water Quality

1. The high growth area from Boardman through Stanfield has resulted in treatment plant overloads. Boardman STP upgrade is in progress. Umatilla is designing and locally funding their upgrade. Hermiston is nearly through design. Stanfield is still in Step I. Stanfield could be a problem.
2. The interceptors for the John Day project are in construction with the STP modifications to begin soon.
3. Prairie City is still in Step I. Step II should begin this fall. The City may present material on their progress.
4. Plans and specs have been completed for the La Grande project. A consent order should be signed and presented at this meeting.
5. Animal waste complaints have come from Morrow, Umatilla, Union, Baker and Malheur Counties. We have worked mainly on Indian Head Cattle Company near Ontario extensively as well as ones near Milton-Freewater and Boardman. Many complaints are still unresolved.
6. Bush Ready Mix Sand and Gravel operation near Milton-Freewater is still causing ground water problems. We are monitoring groundwater for documentation so that a permanent solution can be implemented.
7. Sludge disposal at the Ontario Ore-Ida Plant has been a long term odor problem. Ore-Ida is designing a \$1.5 million dollar system of sludge thickening and land disposal system. The system will be put in operation this fall.
8. Mining activity is increasing, especially in Baker and Grant Counties. Two cyanide leaching operations are starting in Grant County.

Solid Waste

1. All of the major sites except a county site in Malheur County are in substantial compliance.
2. Small sites in Wheeler, Grant, Baker and Malheur Counties range from minimal operations to open burning dumps. It is these sites that have been difficult to obtain alternatives and financing.
3. The Union County plan is the most recent to be put in operation. The processed material may be used as fuel in the local Boise Cascade Sawmill. Tests are still being conducted. Some operational problems still need to be worked out. Markets for recyclables are being sought.
4. The County Solid Waste Management plans have not been completed for Baker and Malheur Counties. The small, remote sites are the sites that have made these

/4/

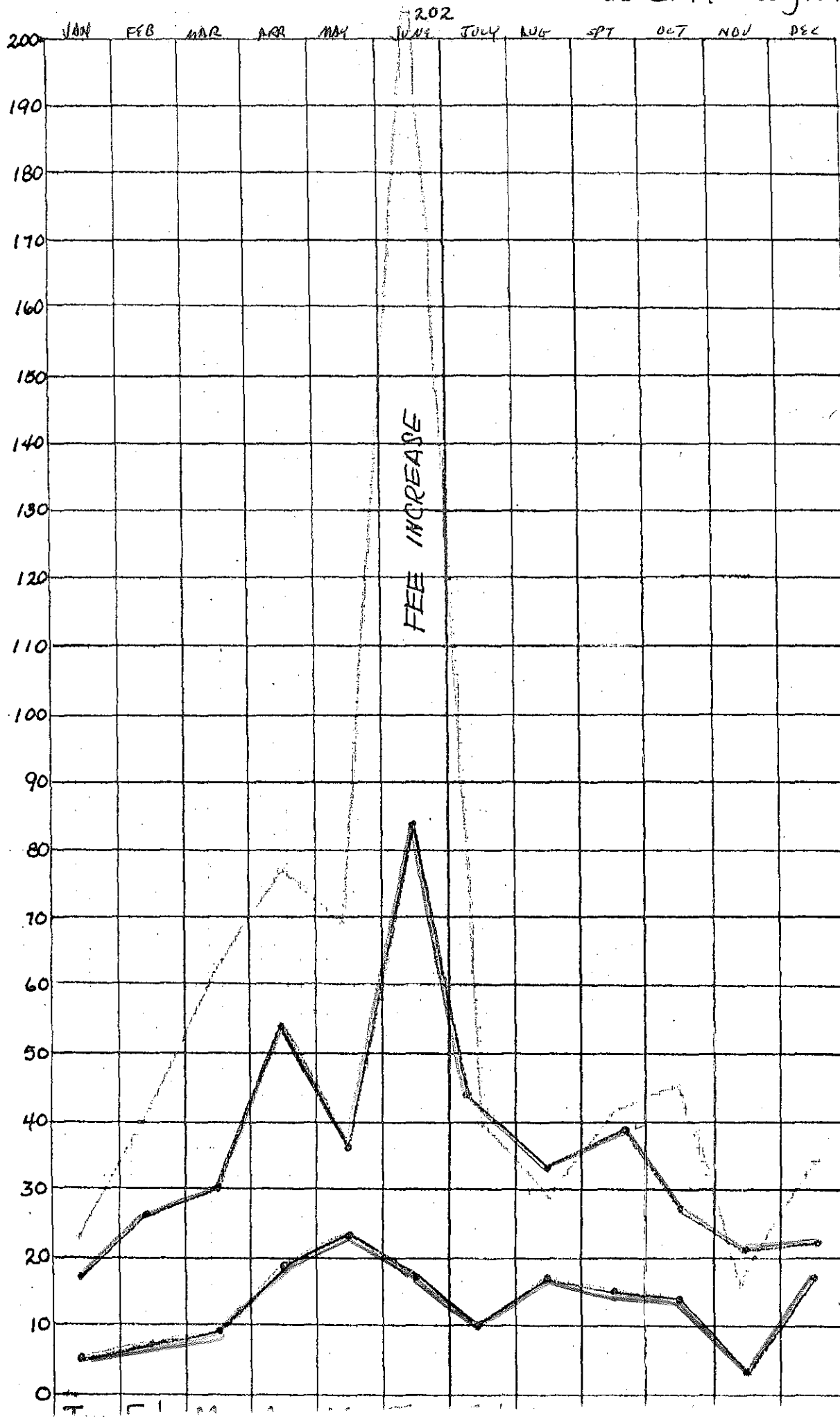
County-wide management plans difficult to accept and work out.

5. The EHW site west of Arlington (Chem-Nuclear) is monitored by the Solid Waste Division. Some complaints of odors have been received but have not been attributed to poor operation. Transport of odorous materials may be the problem. More evaluation is needed.

Steven F. Gardels, Regional Manager
Pendleton
276-4063
July 18, 1978

SFG:gcd

Eastern Region 1975



- Site Suitab
- Permit
- Repair

679

483

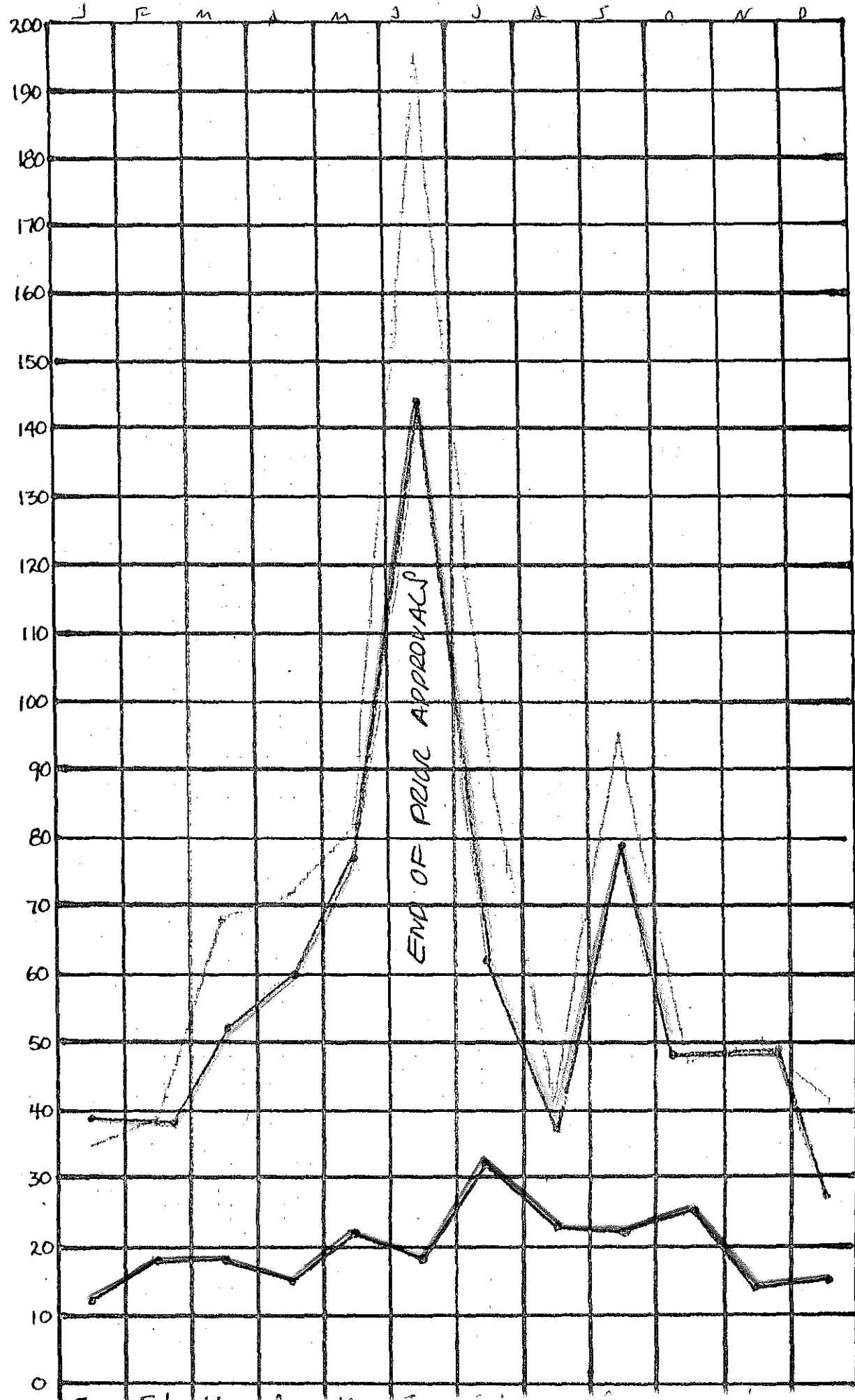
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with 1974

Eastern Region

1976



Site Sustainabil
Permit
Repair

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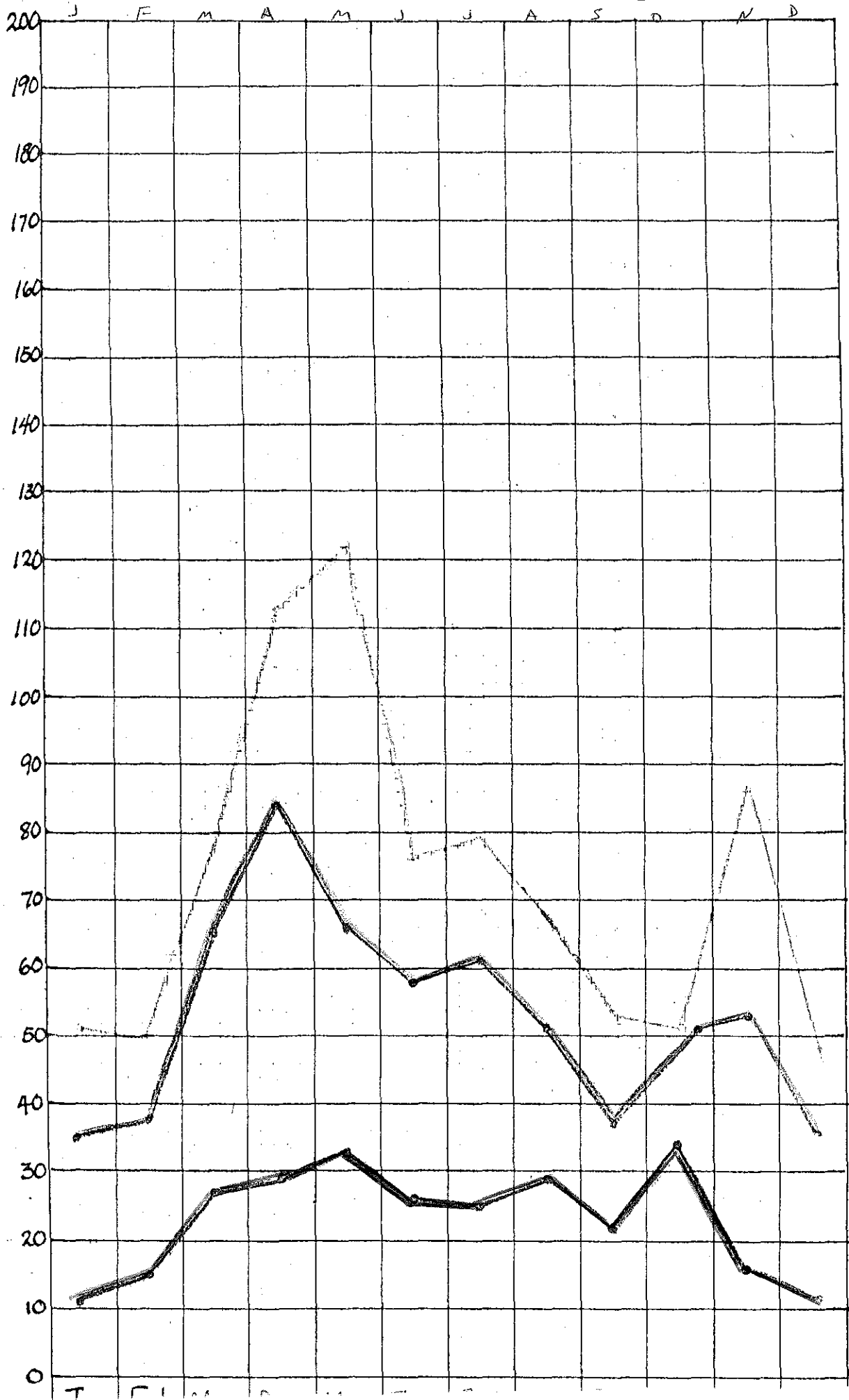
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Eastern Region

1977



Site Suitability
Permit
Repair

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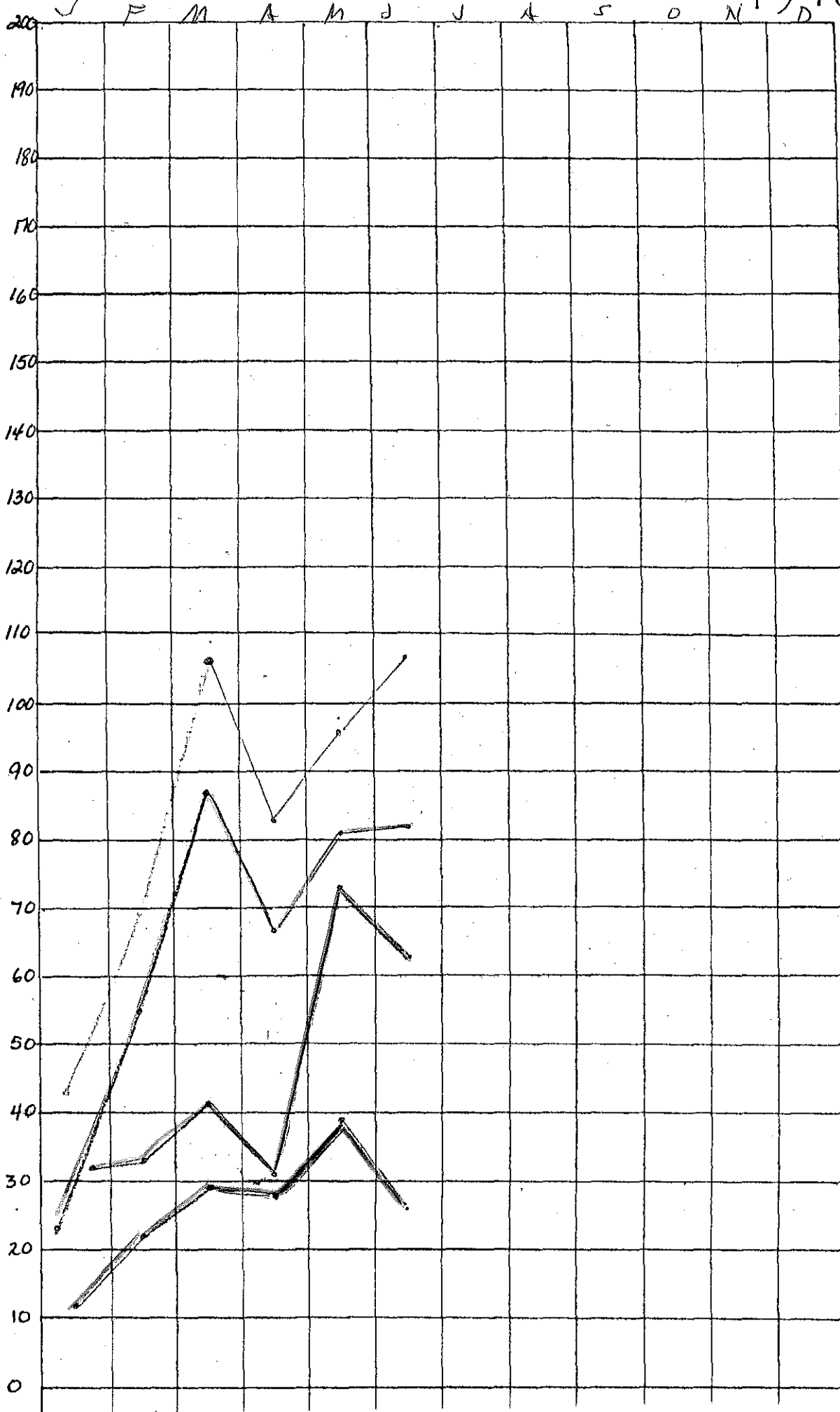
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EASTERN REGION

1978



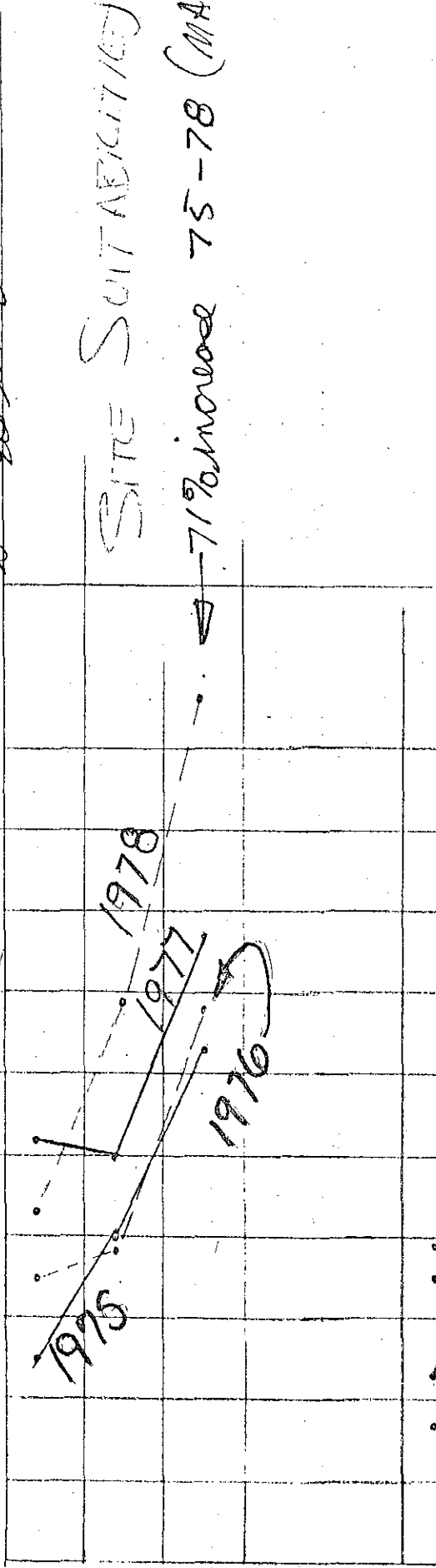
- Permits
- Site Suitabilities
- Repairs
- Pre-covers

Attachment (I)

ERO 1975-1978
FIRST QUARTER
St. Louis

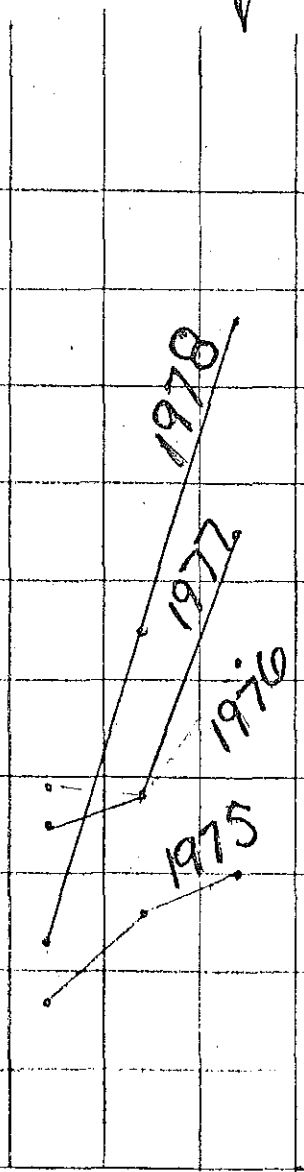
of SS, PERMITS OR REPAIRS.

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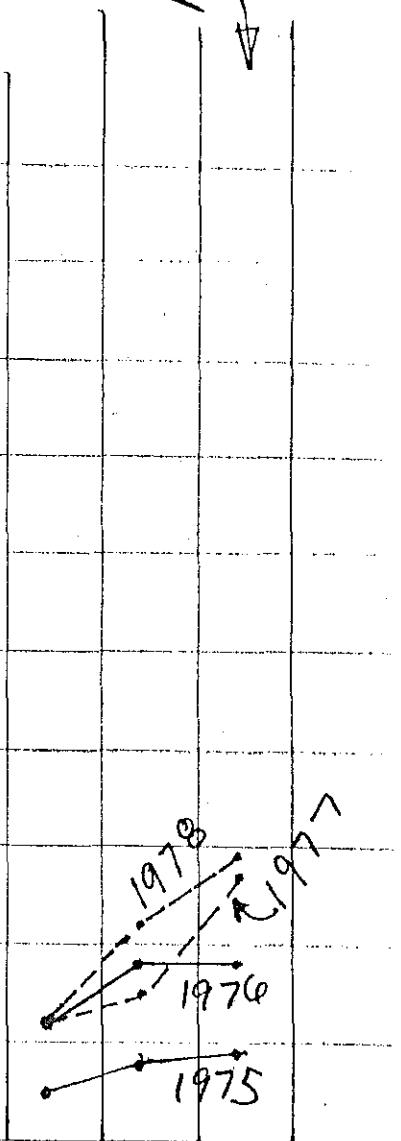
PERMITS

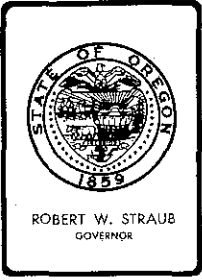
190% increase 75-78 (MARCH)



REPAIRS

222% increase 75-78 (MARCH)





Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission

From: Director

Subject: Agenda Item F, July 28, 1978, 1978 Environmental Quality Commission Meeting.

NPDES July 1, 1977 Compliance Date - Request for Approval of Stipulated Consent Order Addendum for City of Dundee.

Background

The City of Dundee was unable to comply with Condition A.1.a. of Stipulation and Final Order No. WQ-SNCR-77-261 (Attachment 1) and has requested a time extension by letter dated June 7, 1978 (Attachment 2).

Summation

1. Stipulation and Final Order WQ-SNCR-77-261, Condition A.1.a., required the City of Dundee to submit final engineering plans and design specifications and a Step III grant application by May 2, 1978.
2. The City was unable to complete the plans and specifications by that date because:
 - a. The City has not acquired the land necessary for the proposed sewage treatment facility improvements.
 - b. The siting of the proposed facilities has changed since the Step I facility plan report was prepared and certified.
 - c. Subsequently, the Environmental Protection Agency, Oregon Operations Office, has directed the City to revise the environmental assessment statement and hold a new environmental hearing.



Contains
Recycled
Materials

(2)

3. A public hearing to discuss the environmental and economic impacts of the proposed sewage treatment facility will be held on August 7, 1978.
4. The City expects to submit engineering plans and design specifications by November 1, 1978.

Director's Recommendation

The Commission should approve the Final Order (Attachment 3) amending Stipulation and Final Order No. WQ-SNCR-77-261, DEQ vs. City of Dundee, Yamhill County, Oregon.

Bill

WILLIAM H. YOUNG

John E. Borden:wjr
378-8240
July 13, 1978

Attachments: (3)

1. Stipulation and Final Order No. WQ-SNCR-77-261.
2. City of Dundee letter dated June 7, 1978.
3. Final Order (Addendum).

1 BEFORE THE ENVIRONMENTAL QUALITY COMMISSION

2 OF THE STATE OF OREGON

3 DEPARTMENT OF ENVIRONMENTAL QUALITY,) STIPULATION AND
of the STATE OF OREGON,) FINAL ORDER
4) WQ-SNCR-77-261
Department,) YAMHILL COUNTY
5 v.)
6 CITY OF DUNDEE,)
Respondent.)

8 WHEREAS

9 1. The Department of Environmental Quality ("Department") will soon issue
10 National Pollutant Discharge Elimination System Waste Discharge Permit ("Permit")
11 Number _____ (to as assigned upon issuance of the Permit) to CITY OF DUNDEE
12 ("Respondent") pursuant to Oregon Revised Statutes ("ORS") 468.740 and the Federal
13 Water Pollution Control Act Amendments of 1972, P.L. 92-500. The Permit authorizes
14 the Respondent to construct, install, modify or operate waste water treatment,
15 control and disposal facilities and discharge adequately treated waste waters into
16 waters of the State in conformance with the requirements, limitations and conditions
17 set forth in the Permit. The Permit expires on June 30, 1982.

18 2. Condition 1 of Schedule A of the Permit does not allow Respondent to exceed
19 the following waste discharge limitations after the Permit issuance date:

| Parameter | Effluent Loadings | | | | | | |
|-----------------|---|--------|-----------------|-----------------|---------------|-------|--|
| | Average Effluent Concentrations | | Monthly Average | Weekly Average | Daily Maximum | | |
| | Monthly | Weekly | kg/day (lb/day) | kg/day (lb/day) | kg | (lbs) | |
| Jun 1 - Oct 31: | NO DISCHARGE TO PUBLIC WATERS PERMITTED | | | | | | |
| Nov 1 - May 31: | | | | | | | |
| BOD | 30mg/l | 45mg/l | 34 (75) | 51 (113) | 68 | (150) | |
| TSS | 50mg/l | 80mg/l | 57 (125) | 91 (200) | 114 | (250) | |

25 3. Respondent proposes to comply with all the above effluent limitations of its
26 Permit by constructing and operating a new or modified waste water treatment facility.

1 Respondent has not completed construction and has not commenced operation thereof.

2 4. Respondent presently is capable of meeting the following limitations:

3 a. During the period June 1 to October 31, discharge to public
4 waters is prohibited.

5 b. During the period November 1 to May 31:

6 (1) Effluent shall not exceed an average effluent
7 concentration of 200 fecal coliform bacteria
8 per 100 ml as a monthly average and/or 400 per
9 ml as a weekly average.

10 (2) Operate all waste water treatment facilities as
11 efficiently as possible to minimize the effluent
12 concentrations and amounts of biochemical oxygen
13 demand (BOD) and total suspended solids (TSS)
14 discharged to public waters.

15 5. The Department and Respondent recognize and admit that:

16 a. Until the proposed new or modified waste water treatment
17 facility is completed and put into full operation,
18 Respondent will violate the effluent limitations set
19 forth in Paragraph 2 above the vast majority, if not
20 all, of the time any effluent is discharged.

21 b. Respondent has committed violations of its NPDES Waste
22 Discharge Permit No. 2466-J and related statutes and
23 regulations.

24 1) Effluent violations have been disclosed in Respondent's
25 waste discharge monitoring reports to the Department,
26 covering the period from August 30, 1976 through the

1 date which the order below is issued by the
2 Environmental Quality Commission.

3 2) Respondent did not submit final engineering
4 plans and specifications by March 1, 1977 and
5 begin construction by June 1, 1977, as required
6 by Condition 1.

7 6. The Department and Respondent also recognize that the Environmental
8 Quality Commission has the power to impose a civil penalty and to issue an
9 abatement order for any such violation. Therefore, pursuant to ORS 183.415(4),
10 the Department and Respondent wish to resolve those violations in advance by
11 stipulated final order requiring certain action and waiving certain legal rights
12 to notices, answers, hearings and judicial review on these matters.

13 7. The Department and Respondent intend to limit the violations which this
14 stipulated final order will settle to all those violations specified in Paragraph
15 5 above, occurring through (a) the date that compliance with all effluent limita-
16 tions is required, as specified in Paragraph A(1) below, or (b) the date upon
17 which the Permit is presently scheduled to expire, whichever first occurs.

18 8. This stipulated final order is not intended to settle any violation of
19 any effluent limitations set forth in Paragraph 4 above. Furthermore, this
20 stipulated final order is not intended to limit, in any way, the Department's right
21 to proceed against Respondent in any forum for any past or future violation not
22 expressly settled herein.

23 NOW THEREFORE, it is stipulated and agreed that:

24 A. The Environmental Quality Commission shall issue a final order:

25 (1) Requiring Respondent to comply with the following schedule:

26 a. Submit complete and biddable final plans and

1 specifications and a proper and complete Step III
2 grant application within six (6) months of Step II
3 grant offer.

4 b. Start construction within four (4) months of Step III
5 grant offer.

6 c. Submit a progress report within nine (9) months of
7 Step III grant offer.

8 d. Complete construction within fourteen (14) months of
9 Step III grant offer.

10 e. Demonstrate compliance with the final effluent limita-
11 tions specified in Schedule A of the Permit within
12 sixty (60) days of completing construction.

13 (2) Requiring Respondent to meet the interim requirements set forth in
14 Paragraph 4 above until the date set in the schedule in Paragraph A(1) above
15 for achieving compliance with the final effluent limitations.

16 (3) Requiring Respondent to comply with all the terms, schedules and
17 conditions of the Permit, except those modified by Paragraphs A(1) and (2) above.

18 B. Regarding the violations set forth in Paragraph 5 above, which are
19 expressly settled herein, the parties hereby waive any and all of their rights
20 under United States and Oregon Constitutions, statutes and administrative rules
21 and regulations to any and all notices, hearings, judicial review, and to service
22 of a copy of the final order herein.

23 C. Respondent acknowledges that it has actual notice of the contents and
24 requirements of this stipulated and final order and that failure to fulfill any
25 of the requirements hereof would constitute a violation of this stipulated final
26 order. Therefore, should Respondent commit any violation of this stipulated final

1 order, Respondent hereby waives any rights it might then have to any and all ORS
2 468.125(1) advance notices prior to the assessment of civil penalties for any and
3 all such violations. However, Respondent does not waive its rights to any and all
4 ORS 468.135(1) notices of assessemnt of civil penalty for any and all violations
5 of this stipulated final order.

6 DEPARTMENT OF ENVIRONMENTAL QUALITY

7
8 Date: APR 17 1978

9 By William H. Young
WILLIAM H. YOUNG
Director

10 RESPONDENT

11
12 Date: _____

13 By _____
Name
Title

14 FINAL ORDER

15 IT IS SO ORDERED:

16 ENVIRONMENTAL QUALITY COMMISSION

17
18 Date: JUN 5 1978

19 By William H. Young
WILLIAM H. YOUNG, Director
Department of Environmental Quality
Pursuant to OAR 340-11-136(1)



Westech Engineering, Inc.

CONSULTING ENGINEERS AND PLANNERS

PRINCIPALS

C. H. STEKETEE, P.E.
H. C. FERRIS, P.E.
R. W. FAUST, P.E.

3421 - 25th St. S.E.
SALEM, OREGON 97302

Telephone 585-2474

June 7, 1978

Department of Environmental Quality
Salem-North Coast Region
796 Winter Street NE
Salem, OR 97310

Re: City of Dundee, Sewer System Improvements JO 507

ATTENTION: Mary Halliburton, Regional Engineer

Dear Ms. Halliburton:

The City of Dundee has requested that I write you concerning the consent order executed by the City of Dundee last fall. We were recently notified that the consent order required the plans and specifications for the treatment plant improvements be completed within 6 months after receipt of the Step 11 EPA financing. The City received notice that Step 11 financing was available on November 14, 1977. Thus, the plans and specification should be complete at this time.

Two matters have delayed and will continue to delay the preparation of these plans. First, the City has been unable to arrive at a suitable agreement with the land owner adjacent to the present facilities so that land for the proposed improvements can be obtained. Final appraisals and the initiation of condemnation procedures is now under way. The City has been very reluctant to begin the final plans and specifications until the land matter has been resolved. If the plans had been complete and then the City was forced to take another site, most of the design work would have been wasted, and would need to have been done over again at additional expense.

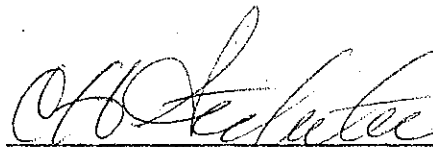
Secondly, the City, after negotiating with the land owner, has changed the siting of the proposed facilities somewhat. Enclosed you will find a letter from the Portland EPA office which directs the City to revise the environmental assessment statement and hold new environmental hearings because of this relatively minor change in project siting. The preparation of the environmental assessment and the hearings of course, will further delay the project.

City of Dundee, Sewer System Improvements JO 507
Mart Halliburton, Regional Engineer
June 7, 1978

The City hereby requests that an extension be granted to allow the completion of plans and specifications for the project by November 1, 1978. This firm during the past few days, was given direction to begin on the plans despite the fact that the environmental hearing of the revised site, and the acquisition of the plant site are not yet complete. We, of behalf of the City, ask your consideration of this matter.

Very truly yours,

WESTECH ENGINEERING, INC.



C. H. Steketee

dt
enc.
cc: Citv of Dundee

80507

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



OREGON OPERATIONS OFFICE
522 S W 5TH AVENUE
YEON BUILDING 2ND FLOOR
PORTLAND, OREGON 97204

REPLY TO 10000
ATTN OF:

JUN 1 1978

Honorable Kenneth Hough
City of Dundee
P.O. Box 201
Dundee, Oregon 97115

Re: City of Dundee
C-410626

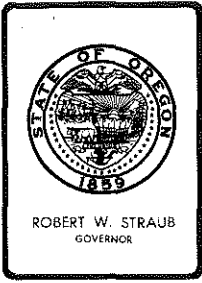
Dear Mayor Hough:

We received from your consulting engineer a request for grant increase due to change in scope of the project. During our review of the change-in-scope, we noted in the report entitled "Wastewater Treatment Plant Expansion Alternatives and Costs" dated July 1977, that it did not address the environmental impacts of the proposed damming of the ravine for summer holding. It was further noted, the only public hearing held on the proposed project was on July 7, 1976, and apparently did not include the proposed effluent storage.

During my visit on May 25, 1978, I noted the ravine is covered with dense vegetation and some trees. I also understand the depth of the stored effluent will be about 30 feet. It is obvious major portions of the densely vegetated area will be under water.

In view of this it is necessary that an amendment to the environmental assessment of the alternatives and the proposed project be prepared, and the required public hearing be held. Written comments from the following agencies be solicited:

1. Oregon Department of Fish and Wildlife
2. Oregon Department of Water Resources
3. State Soil and Water Conservation Commission
4. Oregon Department of Environmental Quality
5. Other government and private agencies who may have concerns or interest on the proposed project.



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

TO: Environmental Quality Commission

FROM: Director

SUBJECT: Agenda Item G, July 28, 1978, Environmental Quality Commission Meeting

Conflict of Interest Rule - Public Hearing:

Consideration of the Adoption of Proposed Amendments
to Oregon Clean Air Act Implementation Plan to Include
Rules Pertaining to Conflict of Interest by State Boards

Background

In August 1977 Congress passed Clean Air Act Amendments. Section 128 of these Amendments requires state boards which adopt rules, approve permits and enforcement orders, to meet certain requirements. As provided in Section 128, these requirements must be included in State Implementation Plans by August 7, 1978.

The requirements state that a majority of board members 1) represent the public interest, and 2) not derive any significant portion of their income from persons subject to the rules, permits and orders. The requirements also apply to heads of agencies which have similar authority.

The Department is proposing rules which would be in the best interest of the public and, at the same time, satisfy requirements of Section 128 of the Amended Act. These proposed rules are consistent with state policy, as stated in ORS 244.010 and 244.040, regarding conflicts of interest of public officials.

The proposed rule was drafted with the assistance of the State Attorney General's office using guidance supplied by the Environmental Protection Agency. They were assessed by that agency as being satisfactory to meet at least the minimum requirements of the Amendments.

Statement of Need for Rule Making

1. Legal authority relied upon: ORS 468.020 and Section 128 of the Clean Air Act as amended 1977 (42 USCA Section 7428). The proposed rule is consistent with state policy, as stated in ORS 244.010 and 244.040.



Contains
Recycled
Materials

2. The 1977 Clean Air Act Amendments require state boards which adopt rules and approve permits and enforcement orders to meet certain requirements. These requirements are met in the form of the proposed rule.
3. Documents relied upon in developing the rule are:
 - 1) Section 128 of the 1977 Clean Air Act Amendments;
 - 2) EPA guidance memorandum, dated March 2, 1978;
 - 3) ORS 244.010 and 244.040.

Evaluation

Approval of the proposed rule would ensure that the State would be in compliance with federal law and that the EQC represents the public interest.

Failure to amend the State of Oregon Implementation Plan with such a rule may result in the Environmental Protection Agency acting on Section 128 in place of the State. There is also the possibility that enforcement actions, permits and rules acted on by a non-complying state board such as the EQC, may be subject to legal challenge.

As of this writing, no testimony has been received on the proposed rule.

Summation

Congress passed Clean Air Act Amendments in 1977 which, among other things, require state boards to represent the public interest.

The proposed rule, consistent with State policy, was assessed by the Environmental Protection Agency as being satisfactory to meet the Clean Air Act Amendments requirements.

Failure to include such a rule in the State Implementation Plan by August 7, 1978, may result in the EPA promulgating such a rule for the State and for possible legal challenge of actions by a non-complying state board.

Director's Recommendation

Unless specific testimony is received at this public hearing which would warrant changes, it is the Director's recommendation that the proposed conflict of interest rule be adopted as submitted.

Bill

William H. Young
Director

Attachments:

- 1 - Proposed Conflict of Interest Rules, OAR 340-20-200 through 20-215
- 2 - Section 128 of the Clean Air Act

CONFLICTS OF INTEREST

PURPOSE.

340-20-200 The purpose of OAR 340-20-200 to 340-20-215 is to comply with the requirements of Section 128 of the federal Clean Air Act as amended August 1977 (P.L. 95-95) (hereinafter called "Clean Air Act"), regarding public interest representation by a majority of the members of the Commission and by the Director and disclosure by them of potential conflicts of interest.

DEFINITIONS.

340-20-205 As used in OAR 340-20-200 to 340-20-215, unless otherwise required by context:

- (1) "Adequately disclose" means explain in detail in a signed written statement prepared at least annually and available for public inspection at the Office of the Director.
- (2) "Commission" means the Oregon Environmental Quality Commission.
- (3) "Director" means the Director of the Oregon Department of Environmental Quality.
- (4) "Persons subject to permits or enforcement orders under the Clean Air Act" includes any individual, corporation, partnership, or association who holds, is an applicant for, or is subject to any permit, or who is or may become subject to any enforcement order under the Clean Air Act,

except that it does not include (1) an individual who is or may become subject to an enforcement order solely by reason of his or her ownership or operation of a motor vehicle, or (2) any department or agency of a state, local, or regional government.

(5) "Potential conflict of interest" includes (1) any income from persons subject to permits or enforcement orders under the Clean Air Act, and (2) any interest or relationship that would preclude the individual having the interest or relationship from being considered one who represents the public interest.

(6) "Represent the public interest" means does not own a controlling interest in, having 5 percent or more of his or her capital invested in, serve as attorney for, act as consultant for, serve as officer or director of, or hold any other official or contractual relationship with any person subject to permits or enforcement orders under the Clean Air Act or any trade or business association of which such a person is a member.

(7) "Significant portion of income" means 10 percent or more of gross personal income for a calendar year, including retirement benefits, consultant fees, and stock dividends, except that it shall mean 50 percent of gross personal income for a calendar year if the recipient is over 60 years of age and is receiving such portion pursuant to retirement, pension,

or similar arrangement. For purposes of this section, income derived from mutual-fund payments, or from other diversified investments as to which the recipient does not know the identity of the primary sources of income, shall be considered part of the recipient's gross personal income but shall not be treated as income derived from persons subject to permits or enforcement orders under the Clean Air Act.

PUBLIC INTEREST REPRESENTATION.

340-20-210 At least three (3) members of the Commission and the Director shall represent the public interest and shall not derive any significant portion of their respective incomes from persons subject to permits or enforcement orders under the Clean Air Act.

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST.

340-20-215 Each member of the Commission and the Director shall adequately disclose any potential conflict of interest.

ATTACHMENT 2

Excerpt from the 1977 Clean Air Act Amendments

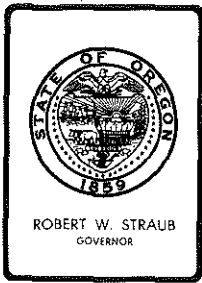
STATE BOARDS

Sec. 128. (a) Not later than the date one year after the date of the enactment of this section, each applicable implementation plan shall contain requirements that—

(1) any board or body which approves permits or enforcement orders under this Act shall have at least a majority of members who represent the public interest and do not derive any significant portion of their income from persons subject to permits or enforcement orders under this Act, and

(2) any potential conflicts of interest by members of such board or body or the head of an executive agency with similar powers be adequately disclosed.

A State may adopt any requirements respecting conflicts of interest for such boards or bodies or heads of executive agencies, or any other entities which are more stringent than the requirements of paragraph (1) and (2), and the Administrator shall approve any such more stringent requirements submitted as part of an implementation plan.



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Director
Subject: Agenda Item No. H, July 28, 1978, EQC Meeting

Adoption Of Amendment To Administrative Rules Governing Subsurface And Alternative Sewage Disposal; Subsurface Fees To Be Charged By Clackamas County

Background

At its meeting April 28, 1978 the Commission authorized a public hearing on the question of amending Administrative Rules governing Subsurface and Alternative Sewage Disposal; specifically, fees to be charged by Clackamas County.

A public hearing was conducted in Clackamas County on June 19, 1978. There was no opposition to the proposed rule amendment establishing fees to be charged by the county. (Hearing officer's report - Attachment B.)

Statement of Need for Rule Making

- a. ORS 454.625 directs the Environmental Quality Commission to adopt such rules as it considers necessary for the purpose of carrying out ORS 454.605 to 454.745.

ORS 454.745(4) allows the Commission, by rule, to require or permit subsurface sewage disposal fees which are lower than those contained in ORS 454.745 subsection (1) and (2) in a contract county, provided that county can show to the satisfaction of the Commission that with the requested lower fees it can otherwise finance the duties required of it by the contract with the Department of Environmental Quality.

- b. Clackamas County has demonstrated need to increase fees charged within the subsurface sewage program due to increased costs. Without the increased fees a reduced level of service will be necessary. The proposed fee schedule will still be less than the maximum allowed.
- c. Principal documents relied upon for this rule change: None.



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Evaluation

Under the provisions of ORS 454.745(4) the Commission has established subsurface sewage disposal fees for Clackamas County at a level less than provided for in ORS 454.745(1). Clackamas County has determined that in order to continue to provide an adequate level of service within the subsurface sewage disposal program, an increase in fees charged is necessary. The fee schedule proposed by Clackamas County is still within the maximums established by statute.

Summation

1. ORS 454.625 provides that the Commission, after public hearing, may adopt rules it considers necessary for the purpose of carrying out ORS 454.605 to 454.745.
2. ORS 454.745(4) provides that the Commission may by rule establish fees, within the maximums allowed under ORS 454.745(1), upon request of a contract county.
3. Clackamas County has requested a fee schedule rule amendment.

A public hearing has been conducted without adverse comment.

Director's Recommendation

It is the Director's recommendation that the Commission adopt amendments to Oregon Administrative Rules governing Subsurface and Alternative Sewage Disposal, OAR 340-72-010(4)(b) as shown in attachment "A" to become effective on filing with the Secretary of State.


WILLIAM H. YOUNG

T. J. Osborne:aes
229-6218
6/29/78

- Attachments:
1. Attachment "A"
Proposed amendment to OAR 340-72-010(4)(b)
 2. Attachment "B"
Hearing Officer's Report

ENVIRONMENTAL QUALITY COMMISSION

Proposed Amendment to

OREGON ADMINISTRATIVE RULES

Chapter 340-72-010

Amend OAR Chapter 340-72-010(4)(b) as follows:

(b) The fees to be charged by the County of Clackamas shall be as follows:

| | | | |
|----------------------|---|---------------------|-------------|
| (A) | New Construction Installation Permit | [\$25] | <u>\$50</u> |
| | (in addition to evaluation report fee) | | |
| (B) | Alteration, Repair or Extension Permit | \$25 | |
| (C) | Evaluation Report | | |
| (i) | Applicant provides soils information obtained by registered sanitarian or professional engineer | \$40 | |
| (ii) | Applicant provides test holes for evaluation by county | [\$55] | <u>\$50</u> |
| [(iii)] | [Test holes dug and evaluated by county] | [\$75] | |

Note:

Bracketed [] material to be deleted.
Underlined material is new.

TJO:aes

Public Hearing

On proposed amendment to Oregon Administrative Rules, Chapter 340, section 72-010(4)(b).

Fees to be charged by Clackamas County in administering the subsurface sewage disposal program.

Hearing Officer's Report

The public hearing, authorized by the Commission on April 28, 1978, was convened at Clackamas Community College, Barlow Hall, Boardroom "A" June 19, 1978 at 10:00 a.m.

The only testimony received was from Mr. Richard L. Dopp, Director, Clackamas County Development Services Department. Mr. Dopp's Department is responsible for administering the subsurface sewage disposal contract between the Department and Clackamas County.

Mr. Dopp testified that the present fee structure established by Commission rule does not support the subsurface sewage program. With the additional income generated under the new proposed fee structure the program still would fall short of full monetary support. The additional revenue generated by this rule amendment is needed to continue to operate the program at an acceptable level. The program deficit would be made up from other county sources. The projected revenue for fiscal year '78-'79 with fee increase \$205,000; program expenses \$218,000; deficit \$13,000.

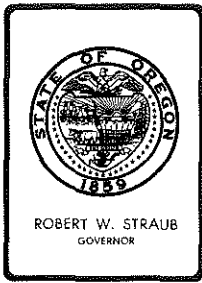
The proposed fee structure is still within the maximums established by ORS 454.745. Hearing adjourned at 10:30 a.m.

Submitted:



T. J. Osborne
Hearing Officer

TJO:aes



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Director
Subject: Agenda Item I, July 28, 1979, EQC Meeting

Medford AQMA Rules - Authorization for Public Hearing to Consider Proposed Amendment of Oregon Clean Air Act Implementation Plan to Include Offset Rule for New or Modified Emission Sources

Background

At the June 30, 1978, EQC meeting, scheduled Agenda Item L, report attached, discussed the need for an "offset" rule to address growth in the Medford AQMA. Authority to take a proposed offset rule to public hearing was deferred to allow time for the Medford-Ashland AQMA Advisory Committee and the Associated Oregon Industries (AOI) to comment on the proposed rule. The Advisory Committee and AOI have studied the rule proposed last month and have requested some changes.

Advisory Committee requested changes:

1. The exemption point of 50 tons per year or less for Volatile Organic Compounds (VOC) be made more stringent by lowering it to 20 tons per year.
2. Additional VOC limits be made at 200 pounds per day and 10 pound per hour in Table I.

AOI requested changes:

1. The exemption point of 50 tons per year or less for VOC be deleted in Table I, leaving the current Federal exemption point of 100 tons in effect.
2. Emission reductions in excess of required offsets would remain with the source as "banked emissions" to be used or disposed of as the source may desire unless the "banked offsets" are "foreclosed" by the Commission.
3. That the definitions be expanded from 5 to 9 and other changes made for clarification.

Evaluation

The two parties reviewing the VOC exemption or "cut-off" point recommended opposite actions. The staff recommends that the 50 tons per year exemption



Contains
Recycled
Materials

point, as initially proposed by the staff, be retained in the Medford rule at least until the VOC study and control strategy for Medford is completed. Completion is scheduled by September 12, 1978. After that study is completed, the staff will give detailed consideration to the Medford Committee's suggested levels of 20 tons per year, 200 pounds per day, 10 pounds per hour.


The most significant change requested by industry was to install the right of an individual source to "bank" surplus emission reductions, over and above those required by rule or permit condition. These surplus emission reductions might accrue from a source installing controls which resulted in more emission reduction than required, by decreasing production, plant closure, etc. Industry proposes that such surpluses be retained by the individual sources to offset future expansions or to sell or give to offset emissions from other new or modified sources.

The Department's present proposed draft would allow the Department to approve limited "banking" of surplus emission reductions, but only for a specified purpose and time. In the absence of specific approvals, surplus emission reductions would be "banked" by the Department.

Neither the Advisory Committee nor the industry representatives have seen this revised draft of the proposed rules, but they will have at least 30 days notice prior to hearing for review and comment, plus opportunity to provide testimony at the public hearing.

Director's Recommendation

It is the Director's recommendation that the Commission authorize the Department to hold a hearing, in Medford, before a hearings officer, on the attached proposed revised draft offset rule.


for
WILLIAM H. YOUNG

PBBosserman/kz
229-6278

Attachments:

- Proposed Rule (7/27/78 Proposed Draft)
- EPA ruling, December 21, 1976
- Memorandum, Same Subject, 7/13/78
- Memorandum, Same Subject, 6/14/78

Addition to Division 30

Emission Offset Rule
for the Medford-Ashland AQMA

OFFSETS

340-30-100

The intent of this rule is to supplement and be more stringent than the Federal Interpretive Ruling promulgated in the December 21, 1976, Federal Register on pages 55,528 through 55,530 (40 CFR, Part 51) and than existing State rules. Section 340-30-115 of this rule, and other portions, shall prevail when this rule is in conflict with the Federal Interpretive Ruling. All other provisions of the Federal Interpretive Ruling are hereby incorporated by reference.

DEFINITIONS (to be added to 340-30-010)

- (13) "Bank" or "banked" means the retention by a source, for its own use or to give, sell or otherwise dispose of, the benefit of reductions in emissions greater than that needed for required offsets that result from installation of in-plant controls, changes in process, partial or total shutdown of one or more facilities or otherwise obtained.
- (14) "Criteria Pollutants" means Particulate, Sulfur Oxides, Hydrocarbons, Nitrogen Oxides, or Carbon Monoxide, or any other criteria pollutant established by the U.S. Environmental Protection Agency.
- (15) "Facility" means an identifiable piece of process equipment. A stationary source may be comprised of one or more pollutant-emitting facilities.
- (16) "Lowest Achievable Emission Rate" or "LAER" means, for any source, that rate of emissions which is the most stringent emission limitation which is achieved in practice or can reasonably be expected to occur in practice by such class or category of source taking into consideration the pollutant which must be controlled.

This term applied to a modified source means the lowest achievable emission rate for that portion of the source which is modified. In no event shall a proposed new or modified source emit any pollutant in excess of the amount allowable under applicable new source performance standards.

- (17) "Modified Source" means any physical change in, or change in the method of, operation of a stationary source which increases the potential emission of criteria pollutants over permitted limits, including those pollutants not previously emitted and regardless of any emission reductions achieved elsewhere in the source.
- (18) "New Source" means any source not previously existing or permitted in the Medford-Ashland Air Quality Maintenance Area on the effective date of these rules.
- (19) "Offset" means the reduction of the same or similar air contaminant emissions by the source:
- (a) Through in-plant controls, change in process, partial or total shut-down of one or more facilities or by otherwise reducing criteria pollutants;
 - (b) By securing from another source, in an irrevocable form, a reduction in emissions similar to that provided in subsection (a) of this section; or
- (20) "Source" means any structure, building, facility, equipment, installation or operation, or combination thereof, which is located on one or more contiguous or adjacent properties and which is owned or operated by the same person, or by persons under common control.
- (21) "Volatile Organic Compound" means any organic matter which, when released into the air, becomes photochemically reactive, in a degree more than methane, ethane, methyl chloroform, and trichlorotrifluoroethane.

OFFSETS FOR NEW OR MODIFIED SOURCES

OAR 340-30-110

- (1) Any new or modified source which proposes to be constructed or operated in an area of the Medford-Ashland AQMA where a state or federal ambient air quality standard is being violated, and emits at a rate greater than in Table 1, shall comply with conditions (a) through (d) of Section (3). Any new or modified source which proposes to be constructed or operated in an area of the Medford-Ashland AQMA where a state or federal ambient air standard is not being violated, and has emissions greater than in Table 1, and by modeling is projected to exceed the incremental air quality values of Table 2 in the area where the state or federal ambient air standard is being violated, shall comply with conditions (a) through (d) of Section (3).
- (2) Any new or modified source or any source that is replaced because of wearout, obsolescence or any other reason, shall comply with condition (a) of Section (3).

Table 1

| <u>Air Contaminant</u> | <u>Emission Rate</u> | | |
|---------------------------------|-------------------------|------------------------|------------------------|
| | <u>Annual</u> | <u>Day</u> | <u>Hour</u> |
| | <u>Kilograms (tons)</u> | <u>Kilograms (lbs)</u> | <u>Kilograms (lbs)</u> |
| Particulate Matter (TSP) | 4,500 (5.0) | 23 (50) | 4.5 (10) |
| Volatile Organic Compound (VOC) | 45,000 (50.0) | - - | - - |

Table 2

| <u>Air Contaminant</u> | <u>Incremental Value</u> | |
|--------------------------|-------------------------------|-----------------------|
| | <u>Annual Arithmetic Mean</u> | <u>24 Hr Average</u> |
| Particulate Matter (TSP) | .10 ug/m ³ | .50 ug/m ³ |

- (3) If the Department finds that the allowable emissions from a proposed source would contribute to violation of an ambient air standard as determined by criteria of Section 2 above, approval may be granted only if all of the following conditions are met:
- (a) The new or modified source meets an emission limitation which specifies the lowest achievable emission rate for such a source.
 - (b) The applicant provides certification that all existing sources in Oregon owned or controlled by the owner or operator of the proposed source are in compliance with all applicable rules or are in compliance with an approved schedule and timetable for compliance under state or regional rules.
 - (c) Emission reductions or offsets from existing sources in the Medford-Ashland AQMA, whether or not under the same ownership, are provided by the applicant on a greater than one for one basis.
 - (d) The emission offsets provide a positive net air quality benefit in the affected area.

BANKING

OAR 340-30-115

A source may bank emission reductions for a limited time and for a specific purpose as may be specifically approved in writing by the Department, subject to the following conditions:

- (a) That the source remain in compliance with all applicable permit conditions and compliance schedules, if any;
- (b) That the banked emissions shall not include emission reductions required by rules or permit conditions in effect at the time the emission reduction is approved.
- (c) Banked emission reductions may only be used to offset increased emissions of the same or similar character and particle size.

INTERPRETATIVE RULING FOR IMPLEMENTATION
OF THE REQUIREMENTS OF 40 CFR 51.18

I. INTRODUCTION

This notice sets forth EPA's Interpretative Ruling on the preconstruction review requirements for stationary sources of air pollution under 40 CFR 51.18. This ruling reflects EPA's judgment that the Clean Air Act allows a major new or modified source¹ to locate in an area that exceeds a national ambient air quality standard (NAAQS) only if stringent conditions can be met. These conditions are designed to insure that the new source's emissions will be controlled to the greatest degree possible; that more than equivalent offsetting emission reductions ("emission offsets") will be obtained from existing sources; and that these will be progress toward achievement of the NAAQS.

II. INITIAL ANALYSIS AND APPLICABLE REQUIREMENTS

A. *Review of all sources for emission limitation compliance.* The reviewing authority must examine each proposed new source subject to the SIP preconstruction review requirements approved or promulgated pursuant to 40 CFR 51.18 to determine if such a source will meet all applicable emission requirements in the SIP. If the reviewing authority determines that the proposed new source cannot meet the applicable emission requirements, the permit to construct must be denied.

B. *Review of major sources for air quality impact.* In addition, for each proposed "major" new source or "major" modification, the reviewing authority must perform an air quality analysis² to determine if the source will cause or exacerbate a violation of a NAAQS. A proposed source which would not be a "major" source may be approved without further analysis, provided such a source meets the requirement of Part II.A.

The term "major source" shall, as a minimum, cover any structure, building, facility, installation or operation (or combination thereof) for which the allowable emission rate is equal to or greater than the following:

| | tons per year |
|-------------------------------------|---------------|
| Particulate matter | 100 |
| Sulfur oxides | 100 |
| Nitrogen oxides | 100 |
| Non-methane hydrocarbons (organics) | 100 |
| Carbon monoxide | 1,000 |

Similarly a "major modification" shall include a modification to any structure, building, facility, installation or operation (or combination thereof) which increases the allowable emission rate by the amounts set forth above. A proposed new source with an allowable emission rate exceeding the above amounts is considered a major source under this ruling, even though such a source may replace an existing source with the result that the net additional emissions are increased by less than the above amounts.

Where a source is constructed or modified in increments which individually do not meet the above criteria, and which are not a part of a program of construction or modifi-

cation in planned incremental phases previously approved by the reviewing authority, all such increments commenced after the date this ruling appears in the FEDERAL REGISTER or after the latest approval issued by the reviewing authority, whichever is most recent, shall be added together for determining applicability under this ruling. Moreover, where there is a group of proposed sources which individually do not meet the above criteria, but which would be constructed in substitution for a major source, the group should be collectively reviewed as a major source.

Allowable annual emissions shall be based on the applicable New Source Performance Standard (NSPS) set forth in 40 CFR Part 60 or the applicable SIP emission limitation, whichever is less, and the maximum annual rated capacity of the source. If the source is not subject to either a NSPS or SIP emission limitation, annual emissions shall be based on (1) the maximum annual rated capacity, and (2) the emission rate agreed to by the source as a permit condition.

The following shall not, by themselves, be considered modifications under this ruling:

- (1) Maintenance, repair, and replacement which the reviewing authority determines to be routine for a source category;
- (2) An increase in the hours of operation, unless limited by previous permit conditions;
- (3) Use of an alternative fuel or raw material (unless limited by previous permit conditions), if prior to the publication of this ruling in the FEDERAL REGISTER, the source is designed to accommodate such alternative use; or
- (4) Change in ownership of a source.

C. *Air quality impact analysis.* For "stable" air pollutants (i.e., SO₂, particulate matter and CO), the determination of whether a source will cause or exacerbate a violation of a NAAQS generally should be made on a case-by-case basis as of the proposed new source's operation date using the best information and analytical techniques available (i.e., atmospheric simulation modeling, unless a source will clearly impact on a receptor which exceeds a NAAQS). This determination should be independent of any general determination of nonattainment or judgment that the SIP is substantially inadequate to attain or maintain the NAAQS. This is because the area affected by a determination of SIP inadequacy usually conforms to established administrative boundaries such as Air Quality Control Regions (AQCR's) rather than a precisely-defined area where air quality problems exist. For example, a SIP revision may be required for an AQCR on the basis of a localized violation of standards in a small portion of the AQCR. If a source seeks to locate in the "clean" portion of the AQCR and would not affect the area presently exceeding standards or cause a new violation of the NAAQS, such a source may be approved. For major sources of nitrogen oxides, the initial determination of whether a source would cause or exacerbate a violation of the NAAQS for NO_x should be made using an atmospheric simulation model assuming all the nitrogen oxide emitted is oxidized to NO₂ by the time the plume reaches ground level. The initial concentration estimates may be adjusted if adequate data are available to account for the expected oxidation rate. For major sources of hydrocarbons, see the discussion entitled "Geographic Applicability of Emission Offset Requirements for Hydrocarbon Sources" in the Notice appearing in today's FEDERAL REGISTER at 41 FR 55558.

III. SOURCES LOCATING IN "CLEAN" AREAS, BUT WOULD CAUSE A NEW VIOLATION OF A NAAQS

If the reviewing authority finds that the allowable emissions³ from a proposed major source would cause a new violation of a NAAQS, but would not exacerbate an existing violation, approval may be granted only if both of the following conditions are met:

Condition 1. The new source is required to meet a more stringent emission limitation⁴ and/or the control of existing sources below allowable levels⁵ is required so that the source will not cause a violation of any NAAQS.

Condition 2. The new emission limitations for the new source as well as any existing sources affected must be enforceable in accordance with the mechanisms set forth in Part V below.

IV. SOURCES THAT WOULD EXACERBATE AN EXISTING VIOLATION OF A NAAQS

A. *Conditions for approval.* If the reviewing authority finds that the allowable emissions³ from a proposed source would exacerbate an "existing" violation (i.e., as of the source's proposed start-up date) of a NAAQS, approval may be granted only if all the following conditions are met:

Condition 1. The new source is required to meet an emission limitation which specifies the lowest achievable emission rate for such type of source.⁶ In determining the applicable emission limitation, the reviewing authority must consider the most stringent emission limitation in any SIP and the lowest emission rate which is achieved in practice for such type of source. At a minimum, the lowest emission rate achieved in practice must be specified unless the applicant can sustain the burden of demonstrating that it cannot achieve such a rate. In no event could the specified rate exceed any applicable NSPS. Even where the applicant demonstrates that it cannot achieve the lowest

³ Where a new source will result in specific and well defined indirect or secondary emissions which can be accurately quantified, the reviewing authority should consider such secondary emissions in determining whether the source would cause or exacerbate a violation of the NAAQS. However, since EPA's authority to perform indirect source review relating to parking-type facilities has been restricted by statute, consideration of parking-type indirect impacts is not required.

⁴ If the reviewing authority determines that technological or economic limitations on the application of measurement methodology to a particular class of sources would make the imposition of an enforceable numerical emission standard infeasible, the authority may instead prescribe a design, operational or equipment standard. In such cases, the reviewing authority shall make its best estimate as to the emission rate that will be achieved and must specify that rate in the required submission to EPA (see Part V). Any permits issued without an enforceable numerical emission standard must contain enforceable conditions which assure that the design characteristics or equipment will be properly maintained (or that the operational conditions will be properly performed) so as to continuously achieve the assumed degree of control. Such conditions shall be enforceable as emission limitations by private parties under Section 304. Hereafter, the term "emission limitations" shall also include such design, operational, or equipment standards.

¹ Hereafter the term "new source" will be used to denote both new and modified sources.

² Required only for those pollutants causing the proposed source to be defined as a "major" source, although the reviewing authority may address other pollutants if deemed appropriate.

emission rate achieved in practice, this in itself would not operate to raise the required emission limitation to the applicable NSPS. The "lowest achievable emission rate" requirement must still apply, and the applicant would retain the burden of demonstrating that it cannot achieve any rate more stringent than the NSPS rate.

Condition 2. The applicant must certify that all existing sources owned or controlled by the owner or operator of the proposed source in the same AQCR as the proposed source are in compliance with all applicable SIP requirements or are in compliance with an approved schedule and timetable for compliance under a SIP or an enforcement order issued under Section 113. The reviewing authority must examine all enforcement orders for sources owned or operated by the applicant in the AQCR to determine if more expeditious compliance is practicable. Where practicable, a more expeditious compliance schedule for such sources must be required as an enforceable condition of the new source permit.

Condition 3. Emission reductions ("offsets") from existing sources in the area of the proposed source (whether or not under the same ownership) are required such that the total emissions from the existing and proposed sources are sufficiently less than the total allowable emissions from the existing sources under the SIP² prior to the request to construct or modify so as to represent reasonable progress toward attainment of the applicable NAAQS.³ Only intrapollutant emission offsets will be acceptable (e.g., hydrocarbon increases may not be offset against SO₂ reductions).

Condition 4. The emission offsets will provide a positive net air quality benefit in the affected area (see Part IV.D. below).⁴

Condition 5. For a source which would be located in an area where EPA has found that a SIP is substantially inadequate to attain a NAAQS and has formally requested a SIP revision pursuant to Section 110(a)(2)(H)(ii) (or an area where EPA has called for a study to determine the need for such a revision), permits granted on or after January 1, 1979⁵ must specify that the source may not commence construction until EPA has approved or promulgated a SIP revision for the area (if the source is a major source of the pollutant subject to the call for revision or study).

B. Exemptions from certain conditions. The reviewing authority may exempt a source from Condition 1 under Part III or Conditions 3 and 4 under Part IV.A., in cases where the source must switch fuels due to lack of adequate fuel supplies or where the source is required as a result of EPA regulations (i.e., lead-in-fuel requirements) to install additional process equipment and no exception from such an EPA regulation is available to the source. Such an exemption may be granted only if: (i) the applicant demonstrates that it made its best efforts to obtain sufficient emission offsets to comply with Condition 1 under Part III or Conditions 3 and 4 under Part IV.A. and that such efforts were unsuccessful; (ii) the applicant has secured all available emission offsets; and (iii) the applicant will continue to seek the necessary emission offsets and apply them when they become available. Such an exemption may result in the need to revise the SIP to provide additional control of existing sources.

² Subject to the provisions of Part IV.C. below.

⁴ Or, if later, the date which is six months after the deadline for submittal of the revision.

C. Baseline for determining credit for emission offsets. Except as provided below, the baseline for determining credit for emission and air quality offsets will be the SIP emission limitations in effect at the time the application to construct or modify a source is filed. Thus, credit for emission offset purposes may be allowable for existing control that goes beyond that required by the SIP.

1. **No applicable SIP requirement.** Where the applicable SIP does not contain an emission limitation for a source or source category, the emission offset baseline involving such sources shall be the actual emissions at the time the permit request is filed (determined by source test or other appropriate means).

2. **Combustion of fuels.** Generally, the emissions for determining emission offset credit involving an existing fuel combustion source will be the allowable emissions under the SIP for the type of fuel being burned at the time the new source application is filed (i.e., if the existing source has switched to a different type of fuel at some earlier date, any resulting emission reduction [either actual or allowable] shall not be used for emission offset credit). If the existing source commits to switch to a cleaner fuel at some future date, emission offset credit, based on the allowable emissions for the fuels involved, is acceptable; provided, that the permit must be conditioned to require the use of a specified alternative control measure which would achieve the same degree of emission reduction should the source switch back to a dirtier fuel at some later date. The reviewing authority should ensure that adequate long-term supplies of the new fuel are available before granting emission offset credit for fuel switches.

Where the particulate emission limit for fuel combustion exceeds the appropriate uncontrolled emission factor in "Compilation of Air Pollutant Emission Factors" (AP-42) (as when a State has a single emission limit for all fuels), emission offset credit will only be allowed for control below the appropriate uncontrolled emission factor in AP-42. (Actual emissions determined by a source test may be used in place of the uncontrolled emission factor in AP-42 in the above situation.)

3. **Operating hours and source shutdown.** Emission offsets generally should be made on a pounds-per-hour basis when all facilities involved in the emission offset calculations are operating at their maximum expected production rate. The reviewing agency should specify other averaging periods (e.g., tons per year) in addition to the pounds-per-hour basis if necessary to carry out the intent of this ruling. A source may be credited with emission reductions achieved by shutting down an existing source or permanently curtailing production or operating hours below that which existed at the time the new source application was submitted; provided, that the work force to be affected has been notified of the proposed shutdown or curtailment. Emission offsets that involve reducing operating hours or production or source shutdowns must be legally enforceable, as is the case for all emission offset situations.⁶

⁶ Source shutdowns and curtailments in production or operating hours occurring prior to the date the new source application is filed generally may not be used for emission offset credit. However, where an applicant can establish that it shut down or curtailed production after SIP approval as a result of enforcement action providing for a new source as a replacement for the shut down or curtailment, credit for such shut down or curtailment may be applied to offset emissions from the new source.

Nothing contained in this ruling is intended to alter EPA's interpretation of the Clean Air Act with regard to the use of "supplemental control systems" or "stack height increases" as set forth at 41 FR 7460 (February 18, 1976).

4. **EPA has requested a SIP revision (or study).** Where EPA has found that a SIP is substantially inadequate to attain a NAAQS and has formally requested a SIP revision pursuant to Section 110(a)(2)(H)(ii) (or EPA has called for a study to determine the need for such a revision) the baseline for emission offset credit involving sources of the relevant pollutant will be the emissions resulting from the application of reasonably available control measures. The intent of this requirement is to prevent sources from receiving emission offset credit against an inadequate SIP and nullifying the gains that will be achieved through the required SIP revision. In effect, States should use the anticipated SIP revision as the baseline for emission offset credit until such time as the SIP is formally revised.

5. **Credit for hydrocarbon substitution.** EPA has found that almost all non-methane hydrocarbons are photochemically reactive and that low reactivity hydrocarbons eventually form as much photochemical oxidant as the highly-reactive hydrocarbons. Therefore, no emission offset credit may be allowed for replacing one hydrocarbon compound with another of lesser reactivity.

6. **No "banking" of emission offset credit.** Once an emission offset has been executed for a particular new source, there can be no leftover credit to "bank" for additional new source growth in the future. This "no banking" rule would not prohibit, however, the issuance of a single permit to cover more than one phase of a phased-construction project.⁷ Similarly, for State-initiated emission offsets (see Part V.B.), several different sources may be allowed to construct as part of a general SIP revision, so long as the plans for each source are definite and such sources are specifically identified as the recipients of the emission offset credits in the SIP revision.

D. **Geographic area of concern.** In the case of emission offsets involving hydrocarbons or NO_x, the offsets may be obtained from sources located anywhere in the broad vicinity of the proposed new source (within the area of non-attainment, and usually within the same air quality control region). This is because areawide oxidant and NO_x levels are generally not as dependent on specific hydrocarbon or NO_x source location as they are on overall area emissions. However, since the air quality impact of SO₂, particulate and carbon monoxide sources is site dependent, simple areawide mass emission offsets are not appropriate. For these pollutants, the reviewing authority should require atmospheric simulation modeling to ensure that the emission offsets provide a positive net air quality benefit. However, to avoid unnecessary consumption of limited, costly and time consuming modeling resources, in most cases it can be assumed that if the emission offsets are obtained from an existing source on the same premises or in the immediate vicinity of the new source, and the pollutants disperse from substantially the same effective stack height, the air quality test under Condition 4 in Part IV.A. above will be met. Thus, when stack emissions are offset against a ground level source at the same site, modeling would be required.

E. **Reasonable progress towards attainment.** As long as the emission offset is greater than one-for-one, and the other criteria set

⁷ If any phase covered by the permit is for any reason not constructed, there would be no resulting credit to "bank."

forth above are met, EPA does not intend to question a reviewing authority's judgment as to what constitutes reasonable progress towards attainment as required under Condition 3 in Part IV.A. above. Reviewing authorities should bear in mind, however, that the control achieved through emission offsets can significantly assist the authorities in developing legally acceptable SIP's.

V. ADMINISTRATIVE PROCEDURES

The necessary emission offsets may be proposed either by the owner of the proposed source or by the local community or the State. The emission reduction committed to must be enforceable by authorized State and/or local agencies and under the Clean Air Act, and must be accomplished by the new source's start-up date.

A. *Source initiated emission offsets.* A source may propose emission offsets which involve (1) reductions from sources controlled by the source owner (internal emission offsets); and/or (2) reductions from neighboring sources (external emission offsets). The source does not have to investigate all possible emission offsets. As long as the emission offsets obtained represent reasonable progress toward attainment, they will be acceptable. It is the reviewing authority's responsibility to assure that the emission offsets will be as effective as proposed by the source. An internal emission offset will be considered enforceable if it is made a SIP requirement by inclusion as a condition of the new source permit and the permit is forwarded to the appropriate EPA Regional Office.⁹ An external emission offset will not be accepted unless the affected source(s) is subject to a new SIP requirement to ensure that its emissions will be reduced by a specified amount in a specified time. Thus, if the source(s) does not obtain the necessary reduction, it will be in violation of a SIP requirement and subject to enforcement action by EPA, the State and/or private parties. The form of the SIP revision may be a State or local regulation, operating permit condition, consent or enforcement order, or any other legally enforceable mechanism available to the State. If a SIP revision is required, the public hearing on the revision may be substituted for the normal public comment procedure required for all major sources under 40 CFR 51.18. The formal publication of the SIP revision approval in the FEDERAL REGISTER need not appear before the source may proceed with construction. To minimize uncertainty that may be caused by these procedures, EPA will, if requested by the State, propose a SIP revision for public comment in the FEDERAL REGISTER concurrently with the State public hearing process. Of course, any major change in the final permit/SIP revision submitted by the State may require a reproposal by EPA.

B. *State or community initiated emission offsets.* A State or community which desires that a source locate in its area may commit to reducing emissions from existing sources to sufficiently outweigh the impact of the new source and thus open the way for the new source. As with source-initiated emission offsets, the commitment must be something more than one-for-one. This commitment must be submitted as a SIP revision by the State.

The provisions of Part IV.C.4. above re-

⁹ The emission offset will therefore be enforceable by EPA under Section 113 as an applicable SIP requirement and will be enforceable by private parties under Section 304 as an emission limitation. EPA will publish notice of such emission offsets in the FEDERAL REGISTER.

main applicable to State or community initiated emission offsets. Therefore, where EPA has found that a SIP is substantially inadequate to attain an NAAQS and has formally requested a SIP revision pursuant to Section 110(a)(2)(H)(i) (or has called for a study to determine the need for such a revision), the resulting emission reduction may not be used as an emission offset.

VI. POLICY WITH RESPECT TO SECONDARY STANDARDS

The statutory attainment dates for the primary NAAQS have now passed or will pass very soon and cannot be administratively extended. Therefore, this ruling does not allow a new source to cause or exacerbate a primary NAAQS violation on the grounds that the SIP will eventually achieve the NAAQS (as may have been permitted in some cases before the statutory attainment dates).

The Act provides more flexibility with respect to secondary NAAQS's. Rather than setting specific deadlines, Section 110 requires secondary NAAQS's to be achieved within a "reasonable time." Under 40 CFR 51.13(b), a State may revise its SIP to provide extensions from its present secondary NAAQS deadlines. If, therefore, a State submits (and EPA approves) such a revision, a new source which would cause or exacerbate a secondary NAAQS violation may be exempt from the Conditions of Part IV.A. so long as the new source meets the applicable SIP emission limitations and will not interfere with attainment by the newly-specified date.

[FR Doc.76-37346 Filed 12-20-76; 8:45 am]

[FRL 656-4]

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

Alabama: Approval of Plan Revision

On October 7, 1976 (41 FR 44194), the Agency announced as a proposed rule-making, an implementation plan change which the State of Alabama had adopted and submitted for EPA's approval. Copies of the materials submitted by Alabama were made available for public inspection and written comments on the proposed revision were solicited. The purpose of the present notice is to announce the Administrator's approval of this revision. An evaluation of them may be obtained by consulting the personnel of the Agency's Region IV Air Programs Branch, 345 Courtland Street, Atlanta, Georgia-30308, or telephone 404/881-3286.

On August 20, 1975, the Administrator revised 40 CFR Part 51 by changing the emergency level for photochemical oxidants from 1200 $\mu\text{g}/\text{m}^3$ to 1000 $\mu\text{g}/\text{m}^3$, one-hour average. The Alabama Air Pollution Control Commission, on March 30, 1976, amended its regulation to reflect this change. The amendment was submitted for EPA's approval on April 23, 1976.

This revised emergency level for photochemical oxidants is hereby approved. These actions are effective immediately since they serve only to notify implementation plan changes already in effect under Alabama law and impose no additional burden to anyone.

Copies of the information submitted by the State are available for public in-

spection during normal business hours at the following locations:

Air Programs Branch, Air and Hazardous Materials Division, Environmental Protection Agency, Region IV, 345 Courtland Street, N.E., Atlanta, Georgia 30308.
Alabama Air Pollution Control Commission, 645 South McDonough Street, Montgomery, Alabama 36104.

Public Information Reference Unit, Library Systems Branch PM-213, Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460.

(Section 110(a), Clean Air Act (42 U.S.C. 1857c-5(a)))

Dated: December 14, 1976.

JOHN QUARLES,
Acting Administrator.

Part 52 of Chapter I, Title 40, Code of Federal Regulations, is amended as follows:

Subpart B—Alabama

Section 52.50 is amended by adding paragraph (c) (15) as follows:

§ 52.50 Identification of plan.

(c) * * *
(15) Revised emergency level for photochemical oxidants (emergency episode control plan) submitted by the Alabama Air Pollution Control Commission on April 23, 1976.

[FR Doc.76-37347 Filed 12-20-76; 8:45 am]

[FRL 657-4]

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

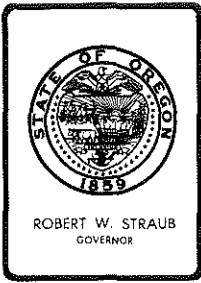
Revision to the Virgin Islands Implementation Plan

This notice announces approval by the Environmental Protection Agency (EPA) of a revision to the Virgin Islands Implementation Plan.

As requested by the Virgin Islands on August 16, 1976, the EPA has reconsidered its disapproval of the revised 12 V.I.R. & R. 9:204-26, "Sulfur Compounds Emission Control," subsections (a) (1), (a) (3), (b), (c) and (d) as they apply to the island of St. Croix. Receipt of this request was announced in the October 1, 1976 FEDERAL REGISTER at 41 FR 43421 which contains a full description of the proposed revision.

In the October 1, 1976 notice, EPA established a 30-day period for receipt of comments from the public on whether or not the proposed revision to the Virgin Islands Implementation Plan should be approved. No comments were received.

EPA has determined that approval of this proposed revision to the Virgin Islands Implementation Plan would not result in the contravention of any applicable ambient air quality standard. The proposed revision has been found to be consistent with current EPA policies and goals set forth by the requirements of section 110(a)(2)(A)-(H) of the Clean Air Act and EPA regulations in 40 CFR Part 51 and, therefore, is approved.



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission
From: Director
Subject: Agenda Item I, July 28, 1978, EQC Meeting

Medford AQMA Rules - Authorization for Public Hearing to Consider
Proposed Amendment of Oregon Clean Air Act Implementation Plan to
Include Offset Rule for New or Modified Emission Sources

Background

This Agenda Item was Agenda Item L at the June 30, 1978, meeting and was set over to the July 28, 1978, meeting because of the desire of Associated Oregon Industries (AOI) to have additional time to review the proposed rule and allow the Medford Advisory Committee to submit comments.

Evaluation

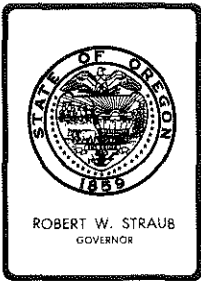
AOI will meet July 17, 1978. The Department will evaluate suggested changes, evaluate the Medford Advisory Committee's comments received following their July 10, 1978, meeting and include clarifying changes received from Ray Underwood. A revised evaluation report and any recommended rule changes will be mailed to the Commission as soon as is practicable and before the July 28, 1978, meeting.

WILLIAM H. YOUNG

PBBosserman/kz
229-6278
7/13/78



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Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

To: Environmental Quality Commission
From: Director
Subject: Agenda Item L, June 30, 1978, EQC Meeting

Authorization to Hold a Hearing to Consider Adoption of an Emission Offset Rule for the Medford-Ashland Air Quality Maintenance Area

Background

At the March 31, 1978, meeting the EQC adopted special rules to control particulate emissions in the Medford Air Quality Maintenance Area (AQMA). At that meeting the Commission acknowledged that the growth allowance built into the rules was inadequate to allow construction of all proposed new projects and they directed the Department to develop a permanent emission offset rule for the Medford AQMA as expeditiously as was practicable.

Evaluation

The Department's air quality staff spent considerable time in April and May modeling the impact of proposed new sources in the Medford AQMA. These modeling studies have allowed the Department to determine necessary and reasonable limits for an effective "offset" rule. See the attached proposed rule draft.

The U. S. Environmental Protection Agency (EPA) requirement covering offsets in nonattainment areas such as the Medford AQMA remain in effect until states adopt a similar or more stringent one and until EPA approves the control strategy for Medford. This EPA ruling says that all new stationary sources having 100 tons per year or more of particulate emissions must acquire offsets and use lowest achievable emission rates (LAER). The current drafts of the new Federal rule may lower this exemption level to 50 tons per year. While the provisions of the EPA offset rule are generally adequate for a state rule, the emission and impact limits of the EPA requirements must be lowered due to the severity of poor ventilation in the AQMA and the numerous small new projects which collectively could cause significant contribution to non-attainment of air quality standards.

The attached proposed rule is copied in part from the EPA rule which the Department administers. The proposed Oregon rule defines exacerbation more stringently than the Federal rule.

The reason for selecting a rule applicability point of 5 tons per year for particulate matter (dust, char, fly ash, condensable hydrocarbon) is that a new cyclone in White City emitting at an estimated 5 tons per year has a modeled impact of $.24 \text{ ug/m}^3$ on the White City Maximum Point, which is over



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a quarter of the $.90 \text{ ug/m}^3$ growth increment available in the current control strategy. For another proposal, a new veneer dryer, 5 tons per year of its emissions has a modeled impact of $.09 \text{ ug/m}^3$ on the Medford Courthouse Station, which is over one-eighth of the $.70 \text{ ug/m}^3$ growth increment available.

Since the AQMA is also nonattainment for oxidants, the Department proposes to use the EPA proposed 50 tons per year emission cut off for hydrocarbon sources. There is no justification at this time for a lower limit.

Summation

1. The current particulate control strategy for the Medford-Ashland AQMA contains an inadequate growth allowance to accommodate all new and foreseeable construction.
2. The Commission directed the staff to develop an offset rule for the Medford AQMA as a means of allowing new construction in the airshed.
3. The EPA offset rule provisions are generally satisfactory for a state rule except the source size and impact level considered significant should be lowered in consideration of the abnormally poor ventilation in the AQMA.
4. Without an offset rule, new or modified sources could not be allowed, because there is no growth increment left in the existing control strategy.

Director's Recommendation

It is the Director's recommendation that the Commission authorize the Department to hold a hearing on an offset rule.

Bill

WILLIAM H. YOUNG
Director

PBBosserman/kz
229-6278
6/14/78

Attachments:

Proposed Rule
Legal Statement of Need
EPA Ruling, December 21, 1976

June 14, 1978, Proposed Additions to

DEFINITIONS

340-30-010

(13) "New Source" means any new or modified source of emissions. Source means any structure, building, facility, equipment, installation or operation (or combination thereof) which is located on one or more contiguous or adjacent properties and which is owned or operated by the same person (or by persons under common control).

Modified source means any physical change in, or change in the method of, operation of a source which increases the emission rate of an air contaminant (including those pollutants not previously emitted and regardless of any emission reductions achieved elsewhere in the source).

(i) A physical change shall not include routine maintenance, repair, and replacement.

(ii) A change in the method of operation, unless limited by previous permit conditions, shall not include:

(a) An increase in the production rate, if such increase does not exceed the operating design capacity of the source;

(b) Use of an alternative fuel or raw material, if prior to December 21, 1976, the source was capable of accommodating such fuel or material; or

(d) Change in ownership or a source.

(14) "Lowest Achievable Emission Rate" means, for any source, that rate of emissions based on the following, whichever is more stringent:

(i) The most stringent emission limitation which is contained in the implementation plan for any state for such class or category of source, unless the owner or operator of the proposed source demonstrates that such limitations are not achievable, or

(ii) The most stringent emission limitation which is achieved in practice or can reasonably be expected to occur in practice by such class or category of source taking into consideration the pollutant which must be controlled.

This term applies to a modification means the lowest achievable emission rate for that portion which is modified. In no event shall the application of this term permit a proposed new or modified source to emit any pollutant in excess of the amount allowable under applicable new source standards of performance.

(15) "Nonattainment Area" means a place where violations of an ambient air standard are occurring.

(16) "Attainment Area" means a place where no violations of an ambient air standard are occurring.

(17) "Volatile Organic Compounds" means any organic matter which, when released into the air, becomes photochemically reactive, in a degree more than methane ethane, methyl chloroform, and trichlorotrifluoroethane.

June 14, 1978, Draft

OAR 340-30-080 Offsets for New or Modified Sources

(1) Any new or modified source which proposes to construct in a nonattainment area and which has emissions greater than a rate in Table 1 shall comply with conditions A through D of Section (3).

(2) Any new or modified source which proposes to locate in an attainment area within the Medford-Ashland AQMA, having emissions greater than Table 1, and by modeling is shown to exceed the incremental air quality values of Table 2 in the nonattainment area shall comply with conditions A through D of Section (3).

Table 1

| <u>Air Contaminant</u> | <u>Emission Rate</u> | | | | | |
|----------------------------|-------------------------|-------|------------------------|------|------------------------|------|
| | <u>Annual</u> | | <u>Day</u> | | <u>Hour</u> | |
| | <u>Kilograms (tons)</u> | | <u>Kilograms (lbs)</u> | | <u>Kilograms (lbs)</u> | |
| Particulate Matter (TSP) | 4,500 | (5.0) | 23 | (50) | 4.5 | (10) |
| Volatile Organic Compounds | 45,000 | (50) | -- | | -- | |

Table 2

| <u>Air Contaminant</u> | <u>Incremental Value</u> | |
|--------------------------|-------------------------------|-----------------------|
| | <u>Annual Arithmetic Mean</u> | <u>24 Hr Average</u> |
| Particulate Matter (TSP) | .10 ug/m ³ | .50 ug/m ³ |

(3) If the Department finds that the allowable emissions from a proposed source would exacerbate violation of an ambient air standard, approval may be granted only if all of the following conditions are met:

(A) The new or modified source meets an emission limitation which specifies the lowest achievable emission rate for such a source.

(B) The applicant provides certification that all existing sources in Oregon owned or controlled by the owner or operator of the proposed source are in compliance with all applicable rules or are in compliance with an approved schedule and timetable for compliance under state or local rules.

(C) Emission reductions ("offsets") from existing sources in the Medford-Ashland AQMA (whether or not under the same ownership) are provided by the applicant such that the total emissions from the existing and proposed sources are sufficiently less (more than one-for-one emission offset) than the total allowable emissions from the existing sources under state rules prior to the request to construct or modify so as to present reasonable progress toward attainment of ambient air standards.

(D) The emission offsets provide a positive net air quality benefit in the affected area.

(4) The intent of this rule is to be more stringent in the areas mentioned above than the Federal Interpretive Ruling promulgated in the December 21, 1976, Federal Register on pages 55528 through 55530. All other provisions of that Ruling are hereby incorporated by reference.

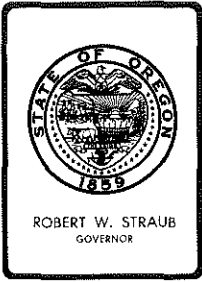
BEFORE THE ENVIRONMENTAL QUALITY COMMISSION

In the Matter of the Adoption)
of an Air Pollution Offset)
Rule for the Medford-Ashland)
Air Quality Maintenance)
Area, OAR 340-30-080)

STATEMENT OF NEED

The Environmental Quality Commission intends to adopt an Air Pollution Offset Rule (OAR 340-30-080) for the Medford-Ashland Air Quality Maintenance Area.

- a. Legal Authority: ORS 468.020 (general) and 468.295.
- b. Need for Rule: The Medford-Ashland Air Quality Maintenance Area is violating State and Federal standards for the air contaminant known scientifically as Total Suspended Particulate (TSP). The Environmental Quality Commission has adopted rules to reduce the TSP to slightly below the standard. In order to maintain that standard, and yet allow growth involving more TSP, a rule is needed to mitigate the TSP from new and modified significant sources. The Federal Environmental Protection Agency requires an offset rule in a control strategy to allow for growth if the control strategy itself does not specifically allow for projected growth. Such is the case for the Medford-Ashland AQMA.
- c. Documents Principally relied Upon:
 1. Oregon Air Quality Report 1976, by State of Oregon, Department of of Environmental Quality (DEQ), Appendix 1A, pg. 7, showing the Medford area violating the 60 ug/m³ annual geometric mean standard.
 2. DEQ File AQ 15-0015 containing reports and data from February, 1978, concerning modeling and impact of growth projects.
 3. Federal Environmental Protection Agency "Interpretive Ruling for Implementation of the Requirements of 40 CFR 51.8," December 21, 1976, Federal Register, pages 55528 through 55530.
 4. Agenda Item No. F. December 16, 1977, EQC Meeting, "Public Hearing to Consider Amendments to Oregon Clean Air Act Implementation Plan Involving Particulate Control Strategy Rules for the Medford-Ashland AQMA," Memorandum from the DEQ, Director, William H. Young, to the Oregon Environmental Quality Commission (EQC).
 5. Agenda Item No. L, February 24, 1978, EQC Meeting, "Adoption of Rules to Amend Oregon's Clean Air Act Implementation Plan Involving Particulate Control Strategy for the Medford-Ashland AQMA," Memorandum for the Director of DEQ to the EQC.
 6. Agenda Item No. I, March 31, 1978, EQC Meeting, same subject and addressee as 5 above.
 7. U. S. Environmental Protection Agency, May 5, 1978, draft, Appendix S to 40 CFR 51, "Emission Offset Interpretive Ruling."



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission

From: Director

Subject: Agenda Item J, July 28, 1978, EQC Meeting

Sulfur in Fuel Oil - Status Report on Availability of Clean Fuels

Background

At the November 18, 1977, EQC meeting (Agenda Item M), a Statement of Policy was adopted regarding the sulfur content of residual fuel oils. This policy encouraged the supply and use of the cleanest fuel oils practicably available in the Portland Air Quality Maintenance Area (AQMA). It also encouraged oil suppliers to develop new supplies of cleaner fuel oils in this area in the shortest time practicable. The Department was then directed to monitor and report on a semi-annual basis the progress of oil suppliers in securing these cleaner fuels. This is the first status report.

Discussion

Sulfur contents of fuel oils received in Oregon are reported to the Department on a quarterly basis. This data was compared with Energy Data Reports provided by the U. S. Department of Energy.

Sulfur contents of residual fuel oils received at Portland Terminals for the period 1973 through the first quarter, 1978, are shown in Figure 1. They can be compared to values shown in Figure 2 which show West Coast refinery production of residual fuel oil by sulfur level.

The following is observed:

- Residual oil sulfur contents received in Portland vary over a wide range. However, the average sulfur content has been fairly stable at about 1.50%.
- The residual oil sulfur content from West Coast refinery production has remained fairly stable over the same period.
- In the past three years there has been a slow, steady trend toward cleaner fuels. Unfortunately, residual oils from Alaskan crude oil are not adequately reflected in the data which is currently available.



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- Oregon has not been receiving any of the cleanest fuels available (<0.5%S). These fuels are used mainly in California. Oregon has been receiving some of the next sulfur level fuel (0.51 to 1.00%S) as well as higher sulfur level fuels.
- Oregon has been receiving some shipments well above the 1.75% sulfur limitation during each year monitored. These have mainly occurred as a result of variances granted to Union Oil and Chevron USA.
- The latest complete data available (first quarter, 1978) is not sufficient to show a downward trend in sulfur levels. Incomplete data for second quarter, 1978, indicates somewhat higher values.

Another important consideration is the total amount of residual fuel oils which is being used in Oregon. During the period of 1972 through 1976 total residual oil sales in Oregon have steadily decreased each year. At the same time, industrial use of natural gas has decreased in almost the same proportion. This may indicate a trend toward fuel conservation or toward increased use of wood as fuel.

The trend toward less residual oil use may have been reversed during the past few months. Northwest Natural Gas Company has recently experienced a substantial loss in their industrial customers using interruptable natural gas. They attribute this to Alaskan residual oil being less expensive than natural gas. This comes at a time when they have a surplus of natural gas for interruptable customers.

Summary

When compared to West Coast production of residual fuel oil, Oregon has historically received oils with sulfur contents roughly (but not entirely) comparable to those available after California removes the cleanest fuels. The average sulfur content has been around 1.5% sulfur since the sulfur monitoring program began. Individual values have occurred both well above and well below this average.

It is too early to determine the effect of Alaskan residual oils entering the West Coast. Their sulfur levels should be reflected in the upcoming monitoring reports. One effect of these fuel oil supplies appears to be an economic one where residual oil could be preferred to interruptable natural gas. This would appear to point to a strong potential for higher residual oil usage in the future.

Bill

WILLIAM H. YOUNG

PLHanrahan/kz
229-5204
7/18/78

FIGURE 1

Average Residual Oil
Sulfur Content by Year

Sulfur Contents are for
Residual Oils (all types)
Received at Portland Terminals

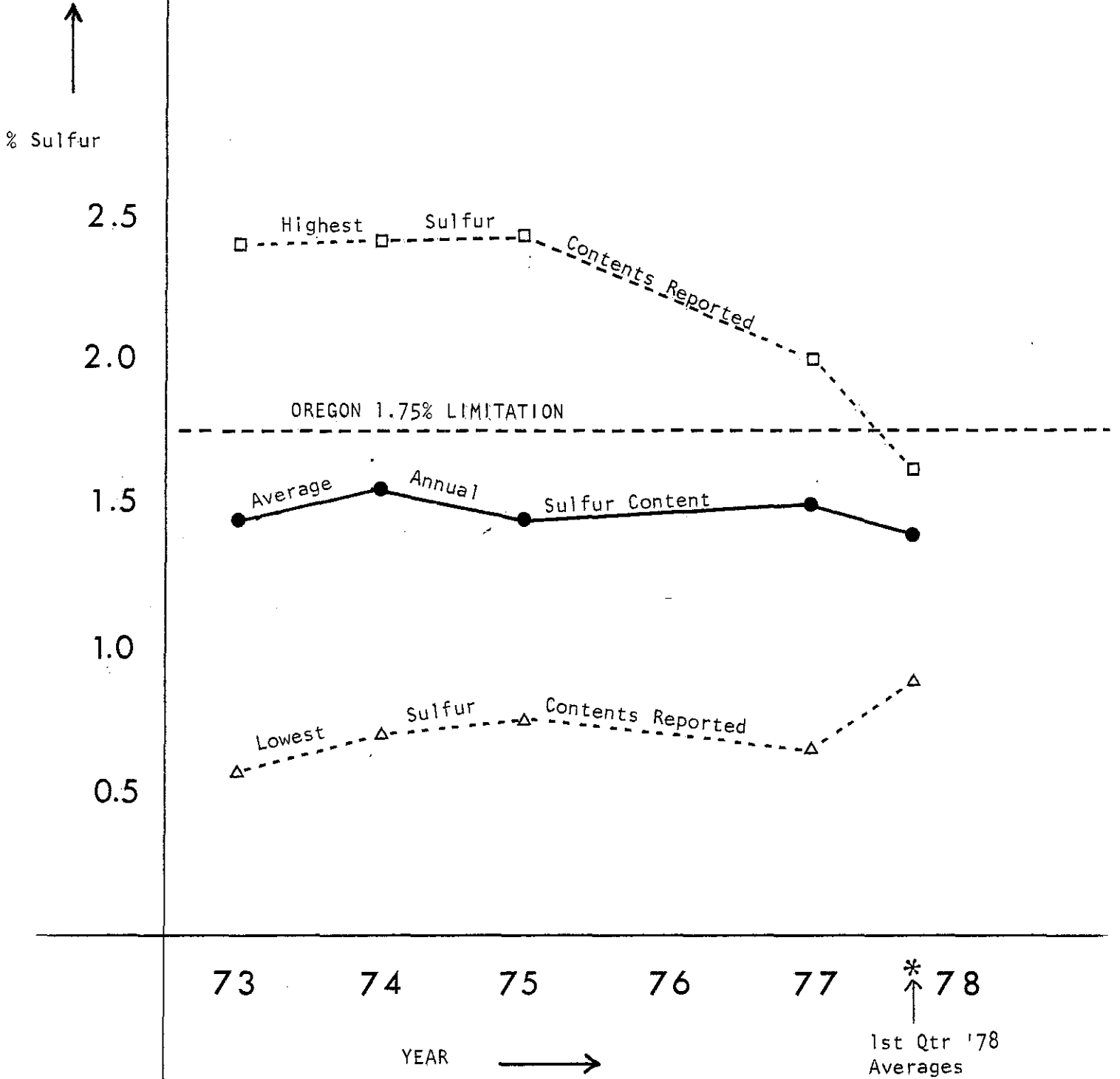
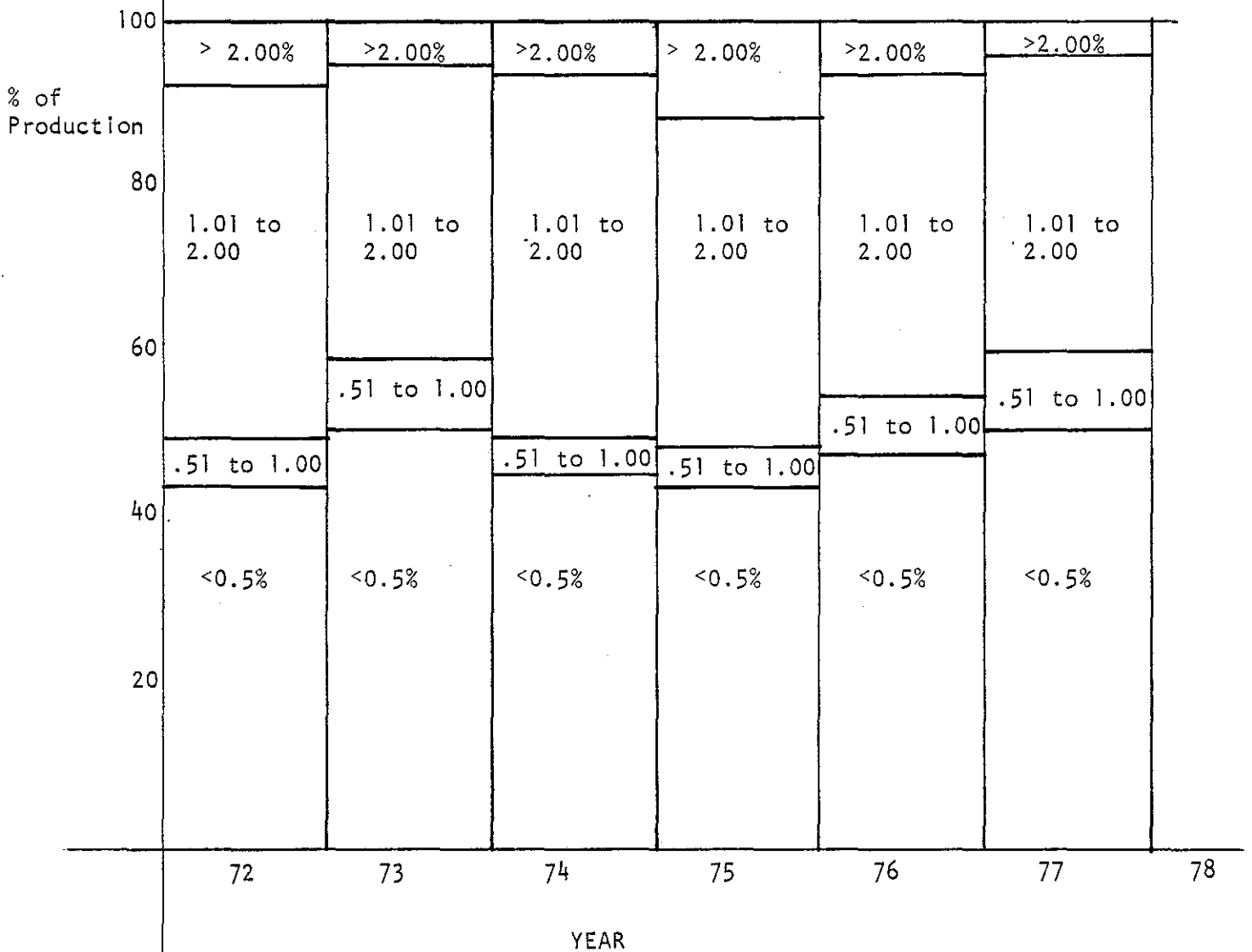


FIGURE 2

WESTERN USA
REFINERY PRODUCTION

Percentage of Annual
Production by Sulfur Content



Note: Oregon uses about 3% of West Coast Production of Residual Oils

FIGURE 1

Average Residual Oil
Sulfur Content by Year

Sulfur Contents are for
Residual Oils (all types)
Received at Portland Terminals

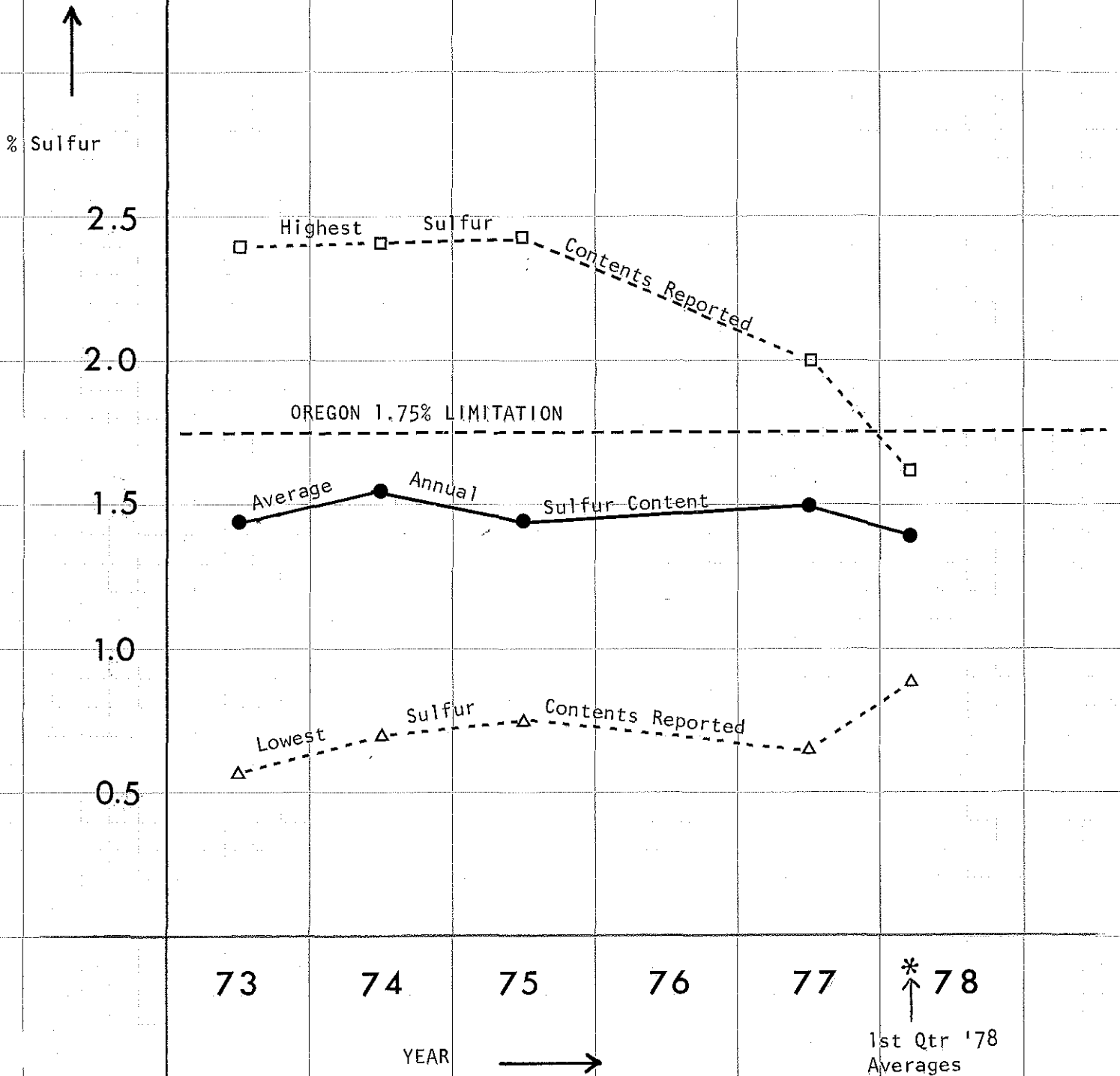


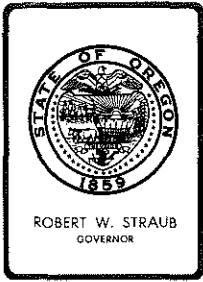
FIGURE 2

WESTERN USA
REFINERY PRODUCTION

Percentage of Annual
Production by Sulfur Content

| | | | | | | | |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|----|
| 100 | > 2.00% | >2.00% | >2.00% | > 2.00% | >2.00% | >2.00% | |
| | | | | | | | |
| 80 | 1.01 to 2.00 | 1.01 to 2.00 | 1.01 to 2.00 | 1.01 to 2.00 | 1.01 to 2.00 | 1.01 to 2.00 | |
| 60 | | .51 to 1.00 | | | .51 to 1.00 | .51 to 1.00 | |
| 40 | .51 to 1.00 | | .51 to 1.00 | .51 to 1.00 | .51 to 1.00 | | |
| 20 | <0.5% | <0.5% | <0.5% | <0.5% | <0.5% | <0.5% | |
| | 72 | 73 | 74 | 75 | 76 | 77 | |
| | YEAR | | | | | | 78 |

Note: Oregon uses about 3% of West Coast Production of Residual Oils



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission

From: Director

Subject: Agenda Item No. K, July 28, 1978 EQC Meeting

Areawide 208 Plans-Designation and Certification

Previous 208 Material Submitted to the Commission

The 208 program first came before the Commission in April 1977 when a brief presentation was given on the various projects. Second, the designation of the Metropolitan Wastewater Management Commission (Eugene area) to construct and operate a regional sewage treatment plant in Eugene was presented as an informational item at the July 29, 1977 meeting. Third, the proposed agreement between the Department and the Oregon State Department of Forestry was presented as an informational item at the April 28, 1978 meeting. Fourth, a 208 status report was presented as an informational item at the May 26, 1978 meeting. Fifth, a proposed groundwater study covering the River Road-Santa Clara area near Eugene was presented at the June 30, 1978 breakfast meeting. The Commission approved the groundwater project.

Background

The four areawide 208 programs were initiated in September 1975, one year prior to the initiation of the Department's statewide 208 program. These initial programs were essentially complete in autumn 1977 and included the following agencies and geographic coverage:

| <u>Agency</u> | <u>Geographic Coverage*</u> |
|---|--|
| Columbia Region Association of Governments (CRAG) | Clackamas, Multnomah and Washington counties |
| Lane Council of Governments (L-COG) | Lane County excluding coastal drainages |
| Mid-Willamette Valley Council of Governments | Marion, Polk and Yamhill counties |
| Rogue Valley Council of Governments | Bear Creek drainage |

*Federally owned lands excluded.



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Plan Content

The areawide programs emphasized treatment and control of municipal sewage, sewage sludges, individual waste disposal, and urban runoff. The plans were regional in scope and point source oriented. Agricultural non-point waste sources were studied in the South Yamhill drainage and in Bear Creek drainage.

Relationship to Statewide 208 Program

The Department's statewide 208 program covers those areas of the state not covered by the areawide programs. However, the Department is responsible for all 208 planning in Oregon. For this reason, the areawide programs will be appropriately incorporated into the statewide program and will be brought to Commission for approval as a part of the Department's Water Quality Management Plan.

Designation of Management Agencies

The areawide plans have identified management agencies for future planning and for implementation of plan components. These management agencies have been formally designated by the Governor. The management agency designations have been forwarded to EPA for approval.

Plan Summaries

Summaries of each areawide 208 plan are attached for review.

Director's Recommendation

No action on this item is required at this time. The plans will be brought before the Commission in October 1978 for approval as a part of the Department's Water Quality Management Plan.

Bill

WILLIAM H. YOUNG

Thomas J. Lucas:nrj
229-5284
July 13, 1978

ROBERT W. STRAUB
GOVERNOR



OFFICE OF THE GOVERNOR
STATE CAPITOL
SALEM, OREGON 97310
June 28, 1978

Mr. Donald P. Dubois
Regional Administrator
U. S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, WA 98101

Dear Mr. Dubois:

The Department of Environmental Quality has completed the review of the Mid-Willamette Valley Council of Governments 208 Water Quality Management Plan. Based on this review and the Department's recommendations, I am hereby certifying the plan and designating management agencies for planning and implementation.

The plan emphasizes agricultural runoff in the South Yamhill Basin, individual waste disposal and control of municipal wastes. Emphasis on these waste sources is consistent with the Department's identified water quality needs in the 208 planning area.

The plan has been found to be in conformance with the Department's approved planning process. The process utilized to develop the plan was reviewed and approved by the Department prior to plan initiation.

The plan will be accepted as a detailed portion of the water quality management strategy for the state. Specifically, the plan will be approved by the Environmental Quality Commission as a part of the Department's Water Quality Management Plan. The tentative approval date is October 1978.

The plan is generally in conformance with applicable state and local regulations governing land use and protection of the environment. However, as soon as practicable, after urban growth boundaries are established and approved by the Land Conservation and Development Commission for Marion, Polk and Yamhill Counties and the cities within these counties, the plan must be reviewed. If necessary, the plan must be changed to conform with the approved urban growth boundaries.

Mr. Donald D. Dubois
June 28, 1978
Page 2

Management agencies for planning and implementation are identified in Attachment A, Item G, Allocation of Responsibility, for each plan element. Management agencies are further identified in the Mid-Willamette Valley Council of Governments Master Sewerage Plan. Pages 362 and 363 of the plan are presented as Attachment B. The designated management agencies have adequate authority to implement the plans and meet federal requirements set forth in 40 CFR 131.11(0).

Particular attention should be given to the allocation of responsibility. This element presents the agreed upon division of planning responsibility and authority between the Department and the Mid-Willamette Valley Council of Governments pertinent to 208 water quality planning. This allocation of responsibility will be subject to annual review.

Attachment A endeavors to provide a brief overview of the plan. In particular the attachment gives an indication of the status of both point and non-point waste sources in the planning area. Water pollution problems are identified along with the agency commitments to address the problems. The major accomplishments are summarized. Plan approval is indicated where applicable. Additional planning which should be undertaken is identified. Finally, the above mentioned allocation of responsibility both for planning and implementation is presented.

Sincerely,

Governor

RWS:aes
Attachment

MUNICIPAL WASTE TREATMENT

A. IDENTIFIED PROBLEM

A regional approach to municipal waste treatment has not been carried out in the MWCOG 208 planning area. Particularly critical problems included lack of uniform population, land use and waste load projections, establishment of service areas, and industrial discharges connected to treatment plants.

B. COMMITMENTS

Develop Master Sewerage Plan encompassing the following objectives:

1. Develop regional policies for sewerage system initiation and upgrading.
2. Define the hierarchy of sewerage conditions and recommend future action based on water quality statutes and regulations.
3. Analyze existing sewerage conditions and recommend future action based on water quality statutes and regulations.
4. Estimate costs and timing of required future sewerage facilities.
5. Develop and implement a continuing planning process.

C. ACCOMPLISHMENTS

1. Developed and implemented urban service boundaries for 33 cities. Urban service boundaries adopted by 10 cities.
2. Developed and implemented regional projections, including population, land use and waste load discharges for the counties and cities within the 208 planning area.
3. Implementation of an industrial waste discharge permit system for municipally connected industries in Salem by an Industrial Waste Ordinance (SRC 71.370 and 71.380).
4. Implementation of an evaluation and priority ranking system to determine the prioritization of proposed sewerage needs in the planning area.
5. Facility planning needs and preliminary rate identified to year 2000.

D. CERTIFICATION/ APPROVAL

Conditional

MUNICIPAL WASTE TREATMENT

E. WORK TO BE COMPLETED

1. Review projections as urban growth boundaries are adopted locally and approved by LCDC.
2. Review service areas as urban growth boundaries are adopted locally and approved by LCDC.
3. Review and update the Master Plan on an annual basis through MWCOG Board Action. Revision to include new construction grant priority criteria adopted by the EQC May 1978.

F. NEW PLANNING ELEMENTS

None currently identified.

G. ALLOCATION OF RESPONSIBILITY

1. Coordinating agency (annual certification) - MWCOG.
2. Planning agencies for plan revisions and updates - Marion, Polk and Yamhill counties (see Attachment B).
3. Implementing agencies - each incorporated city or sewer districts (see Attachment B).
4. Water quality standards, 303e planning elements, enforcement - DEQ.

SLUDGE DISPOSAL MANAGEMENT

A. IDENTIFIED
PROBLEM

Sewage sludges in the MWCOG-208 planning area are disposed of on a local basis. A regional alternative has not been evaluated.

B. COMMITMENTS

Develop a regional sludge disposal alternative.

C. ACCOMPLISHMENTS

Based on a cost analysis it was determined that a regional sludge disposal program is not cost-effective.

D. CERTIFICATION/
APPROVAL

Full. Future sludge disposal planning, management, and implementation can be adequately covered under 201 facilities plans.

E. WORK TO BE
COMPLETED

Need resolution of the zoning ordinance (conditional use permits) conflict in Marion County.

F. NEW PLANNING
ELEMENTS

None identified.

G. ALLOCATION OF
RESPONSIBILITY

Implementing agencies - each incorporated city or sewer district (see Attachment B).

INFILTRATION/INFLOW

A. IDENTIFIED
PROBLEM

Infiltration/inflow problems are covered under
201 facilities planning.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Full. Infiltration/inflow planning, management,
and implementation covered under 201 facilities plans.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Implementing agencies - each incorporated city
or sewer district (see Attachment B).

INDUSTRIAL WASTES

A. IDENTIFIED
PROBLEM

There are no serious problems resulting from point source industrial wastes in the MWCOG planning area.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Full.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ.

INDIVIDUAL WASTE DISPOSAL

A. IDENTIFIED PROBLEM

There are serious septic system failure problems in the MWCOG planning area. Very serious failure problems exist in Grand Ronde. The failure rate in old systems is about 80%. There are no management institutions to manage septic tank systems where annexation to an incorporated city is not possible.

B. COMMITMENTS

1. Conduct septic system surveys in Grand Ronde and determine the location and extent of failures. Conduct region wide analysis of existing surveys in the remainder of the MWCOG planning area.
2. Develop management mechanisms and attempt to get member governments to agree to an implementation program.
3. Develop public awareness program.

C. ACCOMPLISHMENTS

1. Excellent public awareness program.
2. Determined location and extent of septic system failure areas.
3. Recommended sewers for Grand Ronde, 201 Step I proposal now in process.
4. Analyzed alternatives for septic system management, prepared model ordinance for a county-wide septic tank maintenance and inspection program.

D. CERTIFICATION/ APPROVAL

Conditional.

E. WORK TO BE COMPLETED

None

F. NEW PLANNING ELEMENTS

Assist local governments by developing funding sources for a maintenance and repair of septic systems.

G. ALLOCATION OF RESPONSIBILITY

Implementing agencies - counties.

CONSTRUCTION

A. IDENTIFIED
PROBLEM

Construction related pollution problems have not been identified or assessed.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

DEQ should design a statewide construction management work plan by October 1978. Work to be undertaken as federal funds are available.

G. ALLOCATION OF
RESPONSIBILITY

Planning and implementation - to be determined.

URBAN RUNOFF

A. IDENTIFIED
PROBLEM

Urban runoff was a suspected pollution problem in the MWCOG 208 planning area.

B. COMMITMENTS

Collect data and develop urban stormwater runoff control model to identify problems.

C. ACCOMPLISHMENTS

Through the data collection effort and the modeling, waste loads from urban runoff were estimated and projected. Based on this work, pollution from urban runoff appears to be a potential threat to water quality in the Willamette River.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None.

F. NEW PLANNING
ELEMENTS

Project proposal submitted to further identify runoff sources in the Salem urbanizing area; specify criteria to reduce or eliminate the sources, and enact ordinances to control urban runoff pollution sources. If funded, project should be initiated by about October 1978 and complete by October 1980.

G. ALLOCATION OF
RESPONSIBILITY

Planning - MWCOG/Salem
Implementation - to be determined

EROSION AND SEDIMENT CONTROL

A. IDENTIFIED
PROBLEM

Suspected water quality degradation resulting from agricultural land runoffs. Funds now expended for agriculture implementation projects do not include water quality benefits. Data base inadequate. No defined methodology for problem identification or prioritization of projects.

B. COMMITMENTS

Develop methodology (modeling effort) for the South Yamhill Basin to establish erosion and sedimentation loadings. Determine areas and practices causing them. Look at management systems, other than voluntary; include a self evaluation mechanism.

C. ACCOMPLISHMENTS

1. Intensive and successful public involvement program.
2. Draft ordinance for soil erosion and sediment control.
3. Designed self evaluation mechanism.
4. Problems defined and methodology developed.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None

F. NEW PLANNING
ELEMENTS

Project proposal submitted to carefully locate areas with various potential for stream sedimentation for the purpose of ultimately implementing control programs for these areas. Ultimate objective is the evaluation of a revitalized voluntary program. Proposed project subject to federal funding. If funded, project should begin by about October 1978 and should be complete by October 1980.

G. ALLOCATION OF
RESPONSIBILITY

Planning - MWCQG
Implementation - to be determined.

SALTWATER INTRUSION

A. IDENTIFIED
PROBLEM

Not applicable. Saltwater intrusion is not a
pollution source.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Saltwater intrusion is not a
pollution source.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

G. ALLOCATION OF
RESPONSIBILITY

Not applicable.

MINING

A. IDENTIFIED
PROBLEM

Not applicable. Mining is not a pollution source.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Mining is not a pollution source.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Not applicable.

SILVICULTURE

A. IDENTIFIED
PROBLEM

Not a part of the initial MWCOG 208 plan.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - DEQ.
2. Implementation -
 - a. State and private forest lands - OSFD.
 - b. Federal forest lands - BLM, USFS.

HYDROLOGIC MODIFICATIONS

A. IDENTIFIED
PROBLEM

Not applicable. Hydrologic modifications
are not a pollution source.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Hydrologic modifications are
not a pollution source.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Not applicable.

PUBLIC PARTICIPATION

A. IDENTIFIED PROBLEM

Past regional planning efforts pertinent to water quality in the MWCOG area have been largely unsuccessful. The lack of success has been due, in part, to lack of adequate public participation.

B. COMMITMENTS

MWCOG committed to develop and implement a public participation program.

C. ACCOMPLISHMENTS

1. MWCOG disseminated information regarding the 208 program through brochures, newsletters, visual aids, press releases, newspaper and television coverage.
2. MWCOG developed an extensive committee structure to solicit public input.
3. MWCOG held numerous public meetings to solicit public input.
4. Public input was utilized in plan formulation.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None identified.

F. NEW PLANNING
ELEMENTS

Public involvement should be included in all new planning elements.

G. ALLOCATION OF
RESPONSIBILITY

MWCOG

ROBERT W. STRAUB
GOVERNOR



OFFICE OF THE GOVERNOR
STATE CAPITOL
SALEM, OREGON 97310

June 28, 1978

Mr. Donald P. Dubois
Regional Administrator
U. S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, WA 98101

Dear Mr. Dubois:

The Department of Environmental Quality has completed the review of the Rogue Valley Council of Governments 208 Water Quality Management Plan. Based on this review and the Department's recommendations, I am hereby certifying the plan and designating management agencies for planning and implementation.

The plan emphasizes control of municipal wastes; management of the Ashland watershed and the Ashland Municipal Reservoir; and control of non-point sources of waste in the Bear Creek Basin. Emphasis on these waste sources is consistent with the Department's identified water quality needs in the 208 planning area.

The plan has been found to be in conformance with the Department's approved planning process. The process utilized to develop the plan was reviewed and approved by the Department prior to plan initiation.

The plan will be accepted as a detailed portion of the water quality management strategy for the state. Specifically, the plan will be approved by the Environmental Quality Commission as a part of the Department's Water Quality Management Plan. The tentative approval date is October 1978.

The plan is generally in conformance with applicable state and local regulations governing land use and protection of the environment. However, as soon as practicable, after urban growth boundaries are established and approved by the Land Conservation and Development Commission for Jackson County and the cities within Jackson County, the plan must be reviewed. If necessary, the plan must be changed to conform with the approved urban growth boundaries.

Mr. Donald P. Dubois

June 28, 1978

Page 2

Management agencies for planning and implementation are identified in Attachment A, Item G, Allocation of Responsibility, for each plan element. Management agencies designated to implement the municipal waste treatment element are further identified in Chapter XI of the Rogue Valley Council of Governments Greater Bear Creek Basin Waste Treatment Master Plan. This chapter is presented as Attachment B. The designated management agencies have adequate authority to implement the plans and meet federal requirements set forth in 40 CFR 131.11(0).

Particular attention should be given to the allocation of responsibility. This element presents the agreed upon division of planning responsibility and authority between the Department and the Rogue Valley Council of Governments pertinent to 208 water quality planning. This allocation of responsibility will be subject to annual review.

Attachment A endeavors to provide a brief overview of the plan. In particular the attachment gives an indication of the status of both point and non-point waste sources in the planning area. Water pollution problems are identified along with the agency commitments to address the problems. The major accomplishments are summarized. Plan approval is indicated where applicable. Additional planning which should be undertaken is identified. Finally, the above mentioned allocation of responsibility both for planning and implementation is presented.

Sincerely,

Governor

RWS:aes
Attachment

MANAGEMENT OF REEDER RESERVOIR

A. IDENTIFIED PROBLEM

The severe erosion in the Ashland watershed has resulted in considerable sediment accumulation in the Ashland Municipal Reservoir. Removal of sediment by sluicing has resulted in increased sediment loadings in Ashland Creek, Bear Creek and ultimately the Rogue River. Because of the increased loadings the DEQ, through NPDES permit action, has required Ashland to explore alternatives for sediment removal.

B. COMMITMENTS

RVCOG has committed to the development of a reservoir management plan. This includes the development of several alternatives and recommendations.

C. ACCOMPLISHMENTS

1. A report has been prepared with specific recommendations. Major recommendations include:
 - (a) Ashland should purchase a dredge and construct a discharge pipeline.
 - (b) A grid system should be established to determine locations of sediment accumulation.
 - (c) Ashland should install a multiple-level water intake assembly.
 - (d) Determine feasibility of enlarging the dam opening to 48" from 24".
 - (e) Time discharge of sediment from dredge to minimize downstream impacts. Discharge of sediment to be between November 15 and March 31.

D. CERTIFICATION/ APPROVAL

Conditional.

E. WORK TO BE COMPLETED

1. Because no realistic environmental alternative to discharging the sediment from Reeder Reservoir was prepared, EPA will develop an environmental impact assessment.
2. Ashland and DEQ must complete negotiations on the new NPDES permit.
3. After completion of the environmental impact assessment and the NPDES permit negotiations Ashland should implement a specific reservoir management program.

MUNICIPAL WASTE TREATMENT

A. IDENTIFIED PROBLEM

An agreed upon comprehensive Municipal Waste Treatment Master Plan has not been implemented in the Bear Creek Basin:

- (1) There has been very little agreement on sewerage service areas.
- (2) A regional implementing mechanism has not been formally agreed to.

B. COMMITMENT

- (1) Adopt urban growth boundaries (Jackson County and cities).
- (2) Adopt urban sewerage service areas (affected jurisdictions).
- (3) Adopt implementation agreements.
- (4) Develop and adopt a Master Sewerage Plan.

C. ACCOMPLISHMENTS

- (1) Planning boundaries identified and mapped.
- (2) Inventories complete.
- (3) Basinwide projections complete.
- (4) Sewerage service areas identified and agreed on by affected jurisdictions.
- (5) Management agencies determined and responsibilities delineated.
- (6) 201 facility planning needs identified, prioritized and projected over a five year period.
- (7) Facility plan needs identified over a 20 year period.
- (8) An intergovernmental agreement necessary to implement the Municipal Waste Treatment Master Plan signed by all affected jurisdictions.
- (9) A Water Quality Review Committee established by RVCOG Board action for annual revisions and updates.

D. CERTIFICATION/ APPROVAL

Conditional

MUNICIPAL WASTE TREATMENT

E. WORK TO BE COMPLETED

- (1) Review and adopt municipal and industrial waste load projections when urban growth boundaries are adopted.
- (2) Review and adopt service area boundaries when urban growth boundaries are adopted.
- (3) Revise and update the Master Plan on an annual basis through the Water Quality Review Committee. First report due July 1, 1979. Revision to include new construction grant priority list, utilizing criteria adopted by the EQC May 1978.

F. NEW PLANNING ELEMENTS

None currently identified.

G. ALLOCATION OF RESPONSIBILITY

- (1) Designated management agencies for 201 planning and implementation - Agencies and jurisdictions identified in Waste Treatment Master Plan (see also Attachment B).
- (2) Revisions to and updates of Master Plan - RVCOG.
- (3) New planning tasks pertinent to Master Plan - RVCOG.
- (4) Water quality standards, 303e planning elements DEQ.

INDIVIDUAL WASTE DISPOSAL (SUBSURFACE)

A. IDENTIFIED
PROBLEM

The RVCOG 208 plan contained a proposal for the establishment of a county-wide program for management of on-site waste disposal. Due to poor soils for subsurface waste disposal, a 58% denial rate for permits, and a very high demand for permit, RVCOG recently applied for additional 208 funds to develop the management plan.

B. COMMITMENT

Individual waste disposal was not included in the initial 208 work program.

C. ACCOMPLISHMENTS

A proposal for on-site waste disposal management was prepared in the initial 208 plan. The proposed project has been approved and a grant awarded on March 1, 1978 for individual waste disposal management.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

The following outputs to be completed and adopted by March 1, 1979:

- (1) A recommended county-wide on-site small community waste disposal management program.
- (2) A draft ordinance which can be adopted and implemented by Jackson County.
- (3) An administrative framework for implementing the program.

F. NEW PLANNING
ELEMENTS

None currently identified.

G. ALLOCATION OF
RESPONSIBILITY

- (1) Planning - RVCOG/Jackson County
- (2) Implementation - to be determined.

SLUDGE DISPOSAL MANAGEMENT

A. IDENTIFIED
PROBLEM

There are no identified municipal and industrial sludge disposal problems in the Bear Creek Basin. Sludge disposal planning.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Full. Future sludge disposal planning management and implementation can be adequately covered under 201 facilities plans.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Agencies and jurisdictions identified in Waste Treatment Master Plan are responsible for sludge disposal planning and implementation (see also Attachment B).

ALTERNATIVE WASTE DISPOSAL SYSTEMS

A. IDENTIFIED
PROBLEM

There are sufficient subsurface disposal problems in the Bear Creek Basin to warrant the consideration of alternative systems. The determination is made on a site by site basis.

B. COMMITMENT

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Full. The DEQ has adopted rules and regulations governing alternative systems.

E. WORK TO BE
COMPLETED

Not applicable

F. NEW PLANNING
ELEMENTS

Analysis and determination is made on a site by site basis.

G. ALLOCATION OF
RESPONSIBILITY

DEQ is responsible for alternative systems planning, management and implementation. RVCOG as a part of their on-site study will look at local options for administration of statewide alternative system regulations.

INFILTRATION/INFLOW

A. IDENTIFIED
PROBLEM

Infiltration/inflow problems are covered under 201 facilities planning.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not Applicable.

D. CERTIFICATION/
APPROVAL

Full. Infiltration/inflow planning, management and implementation covered under 201 facilities plans.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

Not Applicable.

G. ALLOCATION OF
RESPONSIBILITY

Agencies and jurisdictions identified in Waste Treatment Master Plan are responsible for sludge disposal planning and implementation (see also Attachment B).

MINING

A. IDENTIFIED
PROBLEM

None. Mining is not a problem.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Mining is not a problem.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

Not Applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

SALTWATER INTRUSION

A. IDENTIFIED
PROBLEM

None. Saltwater intrusion is not a problem.

B. COMMITMENTS

Not Applicable.

C. ACCOMPLISHMENTS

Not Applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Saltwater intrusion is not a problem.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

Not Applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

HYDROLOGIC MODIFICATIONS

A. IDENTIFIED
PROBLEM

None (See also Reservoir Management).

B. COMMITMENTS

Not Applicable.

C. ACCOMPLISHMENTS

Not Applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Hydrologic modifications are
not a problem.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

Not Applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

CONSTRUCTION

A. IDENTIFIED
PROBLEM

Construction related pollution problems have not been identified or assessed.

B. COMMITMENTS

Not Applicable.

C. ACCOMPLISHMENTS

Not Applicable.

D. CERTIFICATION/
APPROVAL

Conditioned.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

DEQ will develop a statewide work plan by October 1978 work to be undertaken as federal funds are available:

- (1) Assess and evaluate construction related pollution sources.
- (2) Develop BMP's and/or sediment and erosion control act.
- (3) Develop implementation mechanism complete with enabling legislation.

G. ALLOCATION OF
RESPONSIBILITY

1. Urban runoff construction problems to be undertaken by RYCOG as a part of the Non-point source program.
2. DEQ is responsible for design of a work plan for a statewide construction management and control program.
3. Implementation - to be determined.

NONPOINT SOURCE RUNOFF

A. IDENTIFIED
PROBLEM

Severe water quality problems occur in Bear Creek. The monitoring and evaluation work complete to date indicates that agriculture runoff and urban stormwater runoff contribute to water quality problems in Bear Creek.

B. COMMITMENTS

RVCOG has committed to develop a management program to control agriculture and urban runoff sources of pollution to Bear Creek.

C. ACCOMPLISHMENTS

Basic data on irrigation return flows and more limited data on urban stormwater runoff has been collected. Preliminary BMP's are being developed through the on-farm study.

D. CERTIFICATION/
APPROVAL

Conditional.

E. WORK TO BE
COMPLETED

By July 1, 1978 RVCOG should complete the following:

- (1) An agriculture management plan including Best Management Practices, identified management agencies, and a regulatory program.
- (2) Basic data report for on-farm study.
- (3) Draft interpretive report for monitoring program.
- (4) Basic data report for urban runoff study.

By September 30, 1978 RVCOG should complete the following:

- (1) Preliminary urban stormwater runoff management plan including structural and non-structural alternatives, identification of management agencies and a regulatory program.

F. NEW PLANNING
ELEMENTS

None currently identified.

G. ALLOCATION OF
RESPONSIBILITY

1. Designated management agencies for implementation to be determined.
2. Planning agency to initial plan completion - RVCOG.
3. New planning tasks - to be determined through Statewide Water Quality Management Plan.
4. Reviews and updates - to be determined through Statewide Water Quality Management Plan.

WATER QUALITY MONITORING PROGRAM

A. IDENTIFIED
PROBLEM

The RYCOG 208 plan indicates a need for a monitoring program to measure the success of the 208 plan and indicate where further work may be required.

B. COMMITMENTS

Not Applicable.

C. ACCOMPLISHMENTS

Not Applicable.

D. CERTIFICATION/
APPROVAL

Not Applicable.

E. WORK TO BE
COMPLETED

Not Applicable.

F. NEW PLANNING
ELEMENTS

If federal funds are available, RYCOG should submit a proposed monitoring program to DEQ and EPA. This proposal should be complete by July 1, 1979.

G. ALLOCATION OF
RESPONSIBILITY

The responsibility for carrying out a monitoring program may be a combination of federal, state, and local agencies but must be determined concurrently with submission of the monitoring proposal and work plan.

SILVICULTURE

(excluding Ashland Watershed)

A. IDENTIFIED
PROBLEM

Not a part of the initial RVCOG 208 plan.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - DEQ.

2. Implementation -

a. State and private forest lands - OSFD

b. Federal forest lands - BLM, USFS.

ASHLAND WATERSHED MANAGEMENT

A. IDENTIFIED PROBLEM

Since 1955, when the Forest Service enacted a multiple use concept for the Ashland Watershed, road construction, logging and skiing activities have resulted in serious erosion and resulting sediment accumulation in Reeder Reservoir. Erosion from lands and mass soil movement accounts for about 80% of the watershed erosion.

B. COMMITMENTS

RVCOG has committed to the development of a management plan for the watershed complete with intergovernmental agreements between the Forest Service and the City of Ashland.

C. ACCOMPLISHMENTS

1. A report has been prepared which outlines specific management recommendations. Major recommendations include:
 - (a) Strictly limit road construction.
 - (b) Repair and revegetate all cut and fill areas.
 - (c) Eliminate mining and exploration activity.
 - (d) Tightly regulate recreational uses.
 - (e) Eliminate harvesting unless a further increase in sediment accumulation will not occur.
 - (f) Monitoring programs should be expanded.
2. The Forest Service and the City of Ashland have executed an intergovernmental agreement. Major provisions are as follows:
 - (a) An earlier 1929 agreement was re-affirmed. The intent clearly is to conserve and protect Ashlands water supply through appropriate watershed management.
 - (b) The Forest Service will develop both an interim plan and a long-range comprehensive plan for watershed management.
 - (c) The Forest Service will develop a water monitoring program.
 - (d) Ashland will assist the Forest Service in plan preparation and cooperate in watershed management.

ASHLAND WATERSHED MANAGEMENT

D. CERTIFICATION/
APPROVAL

Conditional.

E. WORK TO BE
COMPLETED

1. By October 1978 the Forest Service should complete the short-range (interim plan). Adoption of interim plan by December 30, 1978.
2. By 1981 the Forest Service should complete the long-range Comprehensive plan, including and expanded monitoring program.

F. NEW PLANNING
ELEMENTS

None currently identified.

G. ALLOCATION OF
RESPONSIBILITY

1. Designated Planning Agency - U. S. Forest Service with Ashland in a review capacity.
2. Designated implementation agency - U. S. Forest Service.

MANAGEMENT OF REEDER RESERVOIR

F. NEW PLANNING
ELEMENTS

None currently identified.

G. ALLOCATION OF
RESPONSIBILITY

1. Designated planning agency - City of Ashland.
2. Designated implementation agency - City of Ashland.

PUBLIC PARTICIPATION

A. IDENTIFIED PROBLEM

Past planning efforts in the Bear Creek Basin, particularly Master Sewerage and related planning, have been largely unsuccessful. The lack of success has been due, in part, to lack of adequate public participation.

B. COMMITMENTS

RVCOG committed to develop and implement a public participation program.

C. ACCOMPLISHMENTS

1. The RVCOG disseminated information regarding the 208 program through brochures, newsletters, visual aids, press releases, newspaper and television coverage.
2. The RVCOG developed an extensive committee structure to solicit public input.
3. The RVCOG held numerous public meetings throughout the Bear Creek Basin to solicit public input.
4. Public input was utilized in plan formulation.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

RVCOG should document carefully the impact of public involvement on 208 plan development and the completed 208 plan.

F. NEW PLANNING ELEMENTS

Public involvement should be included in the proposed individual waste disposal program and all new planning elements.

G. ALLOCATION OF RESPONSIBILITY

RVCOG

Attachment B

Rogue Valley Council of Governments
Greater Bear Creek Basin Waste Treatment Master Plan

PLAN IMPLEMENTATION

AND MANAGEMENT

CHAPTER XI

GENERAL STATEMENT

The Implementation portion of the plan is critical. To have any chance of success, any technical plan must rely on implementation by competent management organizations utilizing adequate financial programs.

The purpose of this section of the plan is to describe the management and institutional arrangements which will be utilized to implement the technical aspects previously outlined. The analysis begins with a discussion of the current management and institutional arrangements in effect in the study area. Next an implementation program is outlined with general responsibilities assigned for various functions grouped under the headings of "Supervision", "Implementation", and "Enforcement".

(A suggested implementation program for on-site disposal is outlined in Chapter X.)

INVENTORY OF MANAGEMENT AGENCIES

In 1977, centralized collection and/or treatment of waste materials was provided by ten governmental units including eight cities, one sanitary authority, and Jackson County (park facilities). The main features of the system at the present time are the regional treatment facility owned and operated by the City of Medford and the collection systems owned and operated by the Bear Creek Valley Sanitary Authority, and the Cities of Medford, Central Point, and Phoenix. In addition the City of Ashland operates waste collection and treatment facilities for that city (estimated population: 15,000) which may one day extend service to the area south of the City. Together, these systems accommodate more than 90 percent of the needs in the study area.

Table XI-1 is an inventory of the management arrangements presently in effect in the study area. It describes the services presently provided by the various entities, how these entities are funded, and the regulatory activities of each. This table has been constructed to illustrate how the various existing management agencies currently meet the criteria for management agencies outlined in Section 208 (c)(2)(A-I) of PL 92-500. As indicated in the table, most of the management agencies currently in existence meet the criteria established by the Act.

REGIONAL SEWERAGE SYSTEM

On March 3, 1969, several entities entered into an agreement providing for the establishment of a regional sewage treatment plant to be owned and operated by the City of Medford. Under the provisions of the agreement, waste collection service is provided by several entities in the Valley and treated by the City of Medford at its plant on the Rogue River. The cost of operating that facility is divided among the various entities contributing wastes to the system. As a part of the agreement, a "Regional Rate Committee" was established among the members to provide wholesale rates for this treatment service. The entities involved in this arrangement and the estimated population served by each is as follows:

| | |
|---|--------|
| City of Medford | 34,900 |
| City of Central Point | 5,800 |
| City of Phoenix | 1,600 |
| Bear Creek Valley Sanitary Authority | 13,000 |
| | <hr/> |
| | 55,300 |

In addition to the above, Jackson County is also a party to the agreement but does not participate on the Regional Rate Committee.

Since its inception, the Regional Rate Committee has met at least annually to establish wholesale treatment charges and to discuss other matters of common concern.

TABLE XI-1

INVENTORY OF EXISTING MANAGEMENT ARRANGEMENTS

| | BCVSA | Ashland | Central Point | Eagle Point | Gold Hill | Jacksonville | Medford | Phoenix | Rogue River | Shady Cove** | Talent*** | Jackson County |
|---|-------|---------|---------------|-------------|-----------|--------------|---------|---------|-------------|--------------|-----------|----------------|
| <u>Service Presently Provided</u> | | | | | | | | | | | | |
| Collection | | | | | | | | | | | | |
| Inside Jurisdictional Boundary | X | X | X | X | X | X | X | X | X | | | |
| Outside Jurisdictional Boundary | X | X | | | | | X | | X | | | |
| <u>Treatment</u> | | | | | | | | | | | | |
| Treatment | *X | X | | X | X | X | X | | X | | | |
| <u>Funding</u> | | | | | | | | | | | | |
| Sewer Fund Self Supporting (Operation and Maintenance) | X | X | X | X | | X | X | X | X | | | |
| <u>Types of Funding</u> | | | | | | | | | | | | |
| User Charges | X | X | X | X | X | X | X | X | X | | | |
| Based on flow/strength | X | X | X | | | | X | X | | | | |
| Volume Discounts | | | | | | | | | | | | |
| Industrial Cost Recovery | X | X | X | | | | | X | | | | |
| Connection Fees | X | X | X | X | X | X | | X | X | | | |
| Property Taxes | X | | | | X | | | | | | | |
| Assessments | X | | X | X | | X | X | | | | | |
| Bond Issues | X | X | | X | | X | X | X | X | | | |
| EPA Construction Grant | X | | | X | X | X | | | | X | | |
| FHA Loan Program | | | | | | | | | X | | | |
| EDA Grant Program | | | | | | | | X | | | | |
| Member of Regional Rate Comm. | X | | X | | | | X | X | | | | |
| <u>Regulatory</u> | | | | | | | | | | | | |
| Authority to Refuse Wastes | X | X | X | X | | X | X | X | X | | | |
| Authority to Require Pretreatment | X | X | X | X | | | X | X | | | | |
| Regulates On-Site Disposal | | X | | | | | | X | | | | X |

* Operates White City Sewage Treatment Facilities

** Scheduled to begin operation Fall of 1978

*** Waste Collection Service Provided by the Bear Creek Valley Sanitary Authority

RESPONSIBILITIES IMPLEMENTATION

| <u>RESPONSIBILITY</u> | <u>INDIVIDUALS</u> | <u>CITIES</u> | <u>COUNTY</u> | <u>SPECIAL DISTRICT</u> | <u>BODIES FORMED BY INTER-GOVERNMENTAL AGREEMENT</u> | <u>RVCOG</u> | <u>STATE</u> | <u>FEDERAL</u> |
|--|--------------------|---------------|---------------|-------------------------|--|--------------|--------------|----------------|
| Overall <u>SUPERVISION</u> of Water Quality Programs | | | | | | | | |
| Coordination of Water Quality | | | | | X | X (A-95) | X | |
| Continuous Planning | | | | | | | | |
| Regional Planning | | | X | X | | X | X | |
| Facilities Planning | | X | | X | | | | |
| Monitoring | | X* | | X* | | X | X | X |
| Support of Supervision Function | | X | X | X | | | | X |
| <u>IMPLEMENTATION</u> | | | | | | | | |
| Construction, Operation and Maintenance of Facilities | | X | X** | X | | | | |
| Financing | | X | X** | X | | | X | X |
| Construction of Individual On-Site Disposal System | X | | | | | | | |
| Individual On-Site Disposal System Inspection & Maintenance Program*** | | | X | X | | | X | |
| <u>ENFORCEMENT</u> | | | | | | | | |
| Land Use Controls | | X | X | X | | | | |
| Permits and Licenses | | X | X | X | | | X | |
| Standards | | X | X | X | | | X | X |
| Fiscal Policies (pricing, etc.) | | X | | X | X | | | |
| Sancitons | | X | X | X | | | X | |

* Sewerage System Monitoring

** Park Facilities

*** The actual Administration and Implementation of this Element of the Plan is Tentative

1. The establishment of water quality standards, applicable to each segment or body of water in the basin.
2. Point source management provisions, including significant discharge inventories and data assembly.
3. Schedules of compliance or target abatement dates.
4. Waste load analysis in water quality segments. For each parameter in violation of standards, point source load allocations are established to assure attainment of applicable instream water quality standards.
5. A recognition of nonpoint sources in water quality segments.
6. The assessment of needs for municipal wastewater treatment facilities. This assessment is used to develop a detailed cost estimate of future needs submitted biennially to Congress through the EPA. The biennial report forms the basis for allocations to the various States of Federal construction grant assistance.

Thus, the DEQ through its Basin Plans will perform an important review function regarding water quality within the study area.

In addition, the Rogue Valley Council of Governments (RVCOG) will perform in this capacity as part of its clearinghouse responsibilities under OMB Circular A-95. Under A-95, the RVCOG is responsible for coordinating applications for federal assistance within the local area. Among other things, each grant application presented must be in conformance with local plans in effect in the area, including the proposed Waste Treatment Master Plan. Thus, the Council of Governments will be in a position to review the programs proposed which may impact water quality.

Finally, it is proposed that the Rogue Valley Council of Governments perform an additional coordination function. It is proposed that the RVCOG periodically review the status of water quality within the study area and undertake new initiatives as needed to assure continued attainment of water quality objectives. This would involve at least the following functions:

1. A periodic review of in-stream water quality data in relation to State and Federal Water Quality standards.

2. A periodic evaluation of the effectiveness of existing water quality programs in achieving these objectives.
3. The initiation of plan revisions, including special projects on particular water quality problems as appropriate.

CONTINUOUS PLANNING

REGIONAL

Regional Planning for Water Quality will be administered by two entities. Jackson County will continue to coordinate the land use aspects of water quality planning under its responsibilities under Senate Bill 100. The Rogue Valley Council of Governments will continue to administer the 208 Water Quality Management Planning Program.

FACILITIES PLANNING

Facilities planning for individual waste treatment facilities will continue to be administered by the implementing jurisdiction having statutory responsibility, as at present.

MONITORING

The monitoring of in-stream water quality will be carried out by a number of entities in the area. First, the various cities and the BCVSA will continue to monitor water quality in conjunction with their waste collection and treatment programs. Secondly, the Rogue Valley Council of Governments will monitor in-stream water quality as a part of its continuing 208 planning process. Finally, the Oregon Department of Environmental Quality and other State and Federal agencies will monitor water quality to assure that State and Federal in-stream standards are met. The coordination of these programs will be the responsibility of the Rogue Valley Council of Governments 208 Program.

SUPPORT OF SUPERVISION FUNCTION

Several entities may share in the support of the functions indicated under the general heading of "Supervision". These include the cities, Jackson County, and the BCVSA which may participate in the support of such functions through in-kind participation. Finally, the Federal Environmental Protection Agency will provide matching funds from future 208 allocations.

IMPLEMENTATION

Until the year 2000, it is intended that the entities actually involved in the construction, operation, and maintenance of waste collection and treatment facilities will remain essentially as outlined under "Inventory of Current Arrangements" (Table XI-1). That is the regional system (consisting of treatment at the Medford Sewage Treatment Plant with collection provided by the Bear Creek Valley Sanitary Authority and the Cities of Medford, Central Point, and Phoenix) will continue to be the predominant feature of the system. In addition, it is intended that in the event that service is provided, the City of Ashland will be the entity to provide sub-regional collection and treatment services where needed, south of the BCVSA southern boundary. Finally, a number of smaller entities will continue to provide collection and treatment service for the residents of their communities. These include the Cities of Shady Cove, Eagle Point, Gold Hill, and Rogue River.*

* The City of Jacksonville is presently involved in a 201 Step I study which will determine the basic approach to be taken by that entity.

ENFORCEMENT

During the Study period, it is anticipated that the various enforcement tools and the entities which will utilize them will remain essentially unchanged. Thus, land use controls (zoning ordinances, sub-division ordinances, etc.) will continue to be exerted by the County or by the City having statutory jurisdiction. Similarly, permits, licenses, standards and sanctions will continue to be utilized by the general or special purpose unit of local government having statutory jurisdiction.

Pricing will continue to be the province of those units providing waste collection and treatment service. Specifically, the Regional Rate Committee will continue in the future to serve as the pricing vehicle for wholesale treatment rates to the member entities.

Finally, it is anticipated that the Oregon Department of Environmental Quality will continue to provide some enforcement functions through the issuance of permits and licenses, the establishment of standards, and the application of sanctions (fines, etc.) in the event of violations to any of the above.

ROBERT W. STRAUB
GOVERNOR



OFFICE OF THE GOVERNOR
STATE CAPITOL
SALEM, OREGON 97310

June 28, 1978

Mr. Donald P. Dubois
Regional Administrator
U. S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, WA 98101

Dear Mr. Dubois:

The Department of Environmental Quality has completed the review of the Lane Council of Governments 208 Water Quality Management Plan. Based on the review and the Department's recommendations, I am hereby certifying the plan and designating management agencies for planning and implementation.

The plan emphasizes the control of municipal wastes in the Eugene-Springfield Metropolitan Area, the Lowell-Dexter Area, and Coburg; a management program for individual waste disposal; and control of urban runoff. Emphasis on these waste sources is consistent with the Department's identified water quality needs in the 208 planning area.

The plan has been found to be in conformance with the Department's approved planning process. The process utilized to develop the plan was reviewed and approved by the Department prior to plan initiation.

The plan will be accepted as a detailed portion of the water quality management strategy for the state. Specifically, the plan will be approved by the Environmental Quality Commission as a part of the Department's Water Quality Management Plan. The tentative approval date is October 1978.

The plan is generally in conformance with applicable state and local regulations governing land use and protection of the environment. However, as soon as practicable, after urban growth boundaries are established and approved by the Land Conservation and Development Commission for Lane County and the cities within Lane County, the plan must be reviewed. If necessary, the plan must be changed to conform with the approved urban growth boundaries.

Mr. Donald P. Dubois
June 28, 1978
Page 2

Management agencies for planning and implementation are identified in Attachment A, Item G, Allocation of Responsibility, for each plan element. Management agencies are further identified in the Lane Council of Governments 208 Wastewater Management Program Summary Report. This summary is presented as Attachment B. The designated management agencies have adequate authority to implement the plans and meet federal requirements set forth in 40 CFR 131.11(0).

Particular attention should be given to the allocation of responsibility. This element presents the agreed upon division of planning responsibility and authority between the Department and the Lane Council of Governments pertinent to 208 water quality planning. This allocation of responsibility will be subject to annual review.

Attachment A endeavors to provide a brief overview of the plan. In particular the attachment gives an indication of the status of both point and non-point waste sources in the planning area. Water pollution problems are identified along with the agency commitments to address the problems. The major accomplishments are summarized. Plan approval is indicated where applicable. Additional planning which should be undertaken is identified. Finally, the above mentioned allocation of responsibility both for planning and implementation is presented.

Sincerely,

Governor

RWS:aes
Attachment

MUNICIPAL WASTE TREATMENT
(Eugene-Springfield Metro)

A. IDENTIFIED
PROBLEM

An agreed upon areawide solution to the Eugene & Springfield municipal treatment problem had not been resolved. The previous facility plans left the area ineligible for Step I grant authorization. No implementing mechanism was available to develop and implement a regional plan.

B. COMMITMENTS

Coordinate and staff efforts of the Metro Sewer Advisor Commission to achieve a final and areawide agreement on a waste treatment solution for Eugene and Springfield. Set up an implementation mechanism to secure a regional agreement.

C. ACCOMPLISHMENTS

1. Completed facilities plan for Eugene-Springfield area with analysis of alternatives and financing options.
2. A Joint Powers Agreement on a single regional facility and financing mechanisms. Establishment of the Metro Wastewater Management Commission (MWMC) as the appropriate implementing agency.
3. Step II design grant application made for a single regional facility. Grant awarded.

D. CERTIFICATION/
APPROVAL

Full

E. WORK TO BE
COMPLETED

None

F. NEW PLANNING
ELEMENTS

None - MWMC operating with 208 Statewide and Step II grants.

G. ALLOCATION OF
RESPONSIBILITY

1. Designation of MWMC as management agency for the area (see also Attachment B).
2. Water quality standards, 303e planning elements - DEQ.

COMPREHENSIVE SEWERAGE FACILITY REVIEW

A. IDENTIFIED
PROBLEM

Need to assess facility planning problems and process in small and medium sized cities with reference to 201 Grant process.

B. COMMITMENTS

Produce facility review document. Identify status and problems in facility planning as well as future planning needs.

C. ACCOMPLISHMENTS

Interim Facilities Report as mid-course status report. Comprehensive Sewerage Facilities Review with recommendations for future planning needs and problem prioritization for incorporated and unincorporated areas.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

Investigation of regional O & M alternatives. Action dependent on revision of construction priorities and 1977 Water Quality Act amendments. Complete O & M alternative study by October 1978.

F. NEW PLANNING
ELEMENTS

1. Planning efforts on identified priority areas as federal funds are available. L-COG has submitted a proposal for identified rural community priority areas. Pursuit of regional O & M cost effective option.
2. L-COG should develop waste load projection for municipal and industrial point sources as per delineated sewerage service areas during update of plan in FY 1979.

G. ALLOCATION OF
RESPONSIBILITY

1. L-COG responsible for periodic evaluation of priority list and planning progress. Revisions to include new construction grant priority list utilizing criteria adopted by the EQC May 1978. Lane County responsible for unincorporated area comprehensive planning. Other cities are management agencies within their urban areas (see Attachment B).
2. Revisions to and updates of Sewerage Facility review - L-COG.
3. Water quality standards, 303e planning elements - DEQ.

MUNICIPAL WASTE TREATMENT
(Lowell-Dexter Facilities Plan)

A. IDENTIFIED
PROBLEM

Incorporated area (Lowell) under NPDES Permit to eliminate discharges to Dexter Reservoir. Nearby unincorporated community (Dexter) with serious septic system problems. Nearby park facilities in the process of preparing expansion plans.

B. COMMITMENTS

1. Identify study area and pursue a facility plan which would include analysis of regional facility options.
2. Aid the City of Lowell in achieving a facility planning agreement with the DEQ.
3. Pursue public involvement in Dexter and reach a decision on facility planning for the community.

C. ACCOMPLISHMENTS

1. Facility plan completed for Lowell with plan review provisions. Agreement between Lowell and DEQ on sequence of compliance actions.
2. Decision by Dexter not to pursue a facility option. Request by Lane County with subsequent approval by EQC of building moratorium in the Dexter core community.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None

F. NEW PLANNING
ELEMENTS

1. Support Lane County efforts to find a viable solution to existing septic system problems in Dexter including evaluation of alternative on-site waste management options.
2. Aid Lowell in evaluation of facility plan and regionalization options at appropriate (5 year) intervals.

G. ALLOCATION OF
RESPONSIBILITY

1. Lane County is designated management agency for Dexter Area (see Attachment B).
2. City of Lowell is designated management agency for their treatment plant (See attachment B). Discharge standards and water quality standards - DEQ.

MUNICIPAL WASTE TREATMENT
(Coburg Facilities Plan)

A. IDENTIFIED
PROBLEM

Coburg currently relies on failing septic systems and is faced with possible burden of sewerage facility construction.

B. COMMITMENTS

Prepare Facility Plan.

C. ACCOMPLISHMENTS

1. Facility plan completed and adopted. Selected alternative was septic tank maintenance.
2. City adoption of Nuisance Ordinance as option for maintenance of septic systems within urban service area.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

Investigate with City of Coburg the possible methods for implementation of the management ordinance and produce a management plan.

F. NEW PLANNING
ELEMENTS

1. Support Coburg efforts to plan for implementation of management ordinance.
2. Review facility plan option at intervals for effectiveness of septic management.

G. ALLOCATION OF
RESPONSIBILITY

City of Coburg designated as appropriate management agency for Nuisance Ordinance (see Attachment B).

SLUDGE DISPOSAL

A. IDENTIFIED
PROBLEM

No identified sludge disposal problems in the Metro Area independent of the Metro treatment facility planning process.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Full. To be planned under 201 facility design for Metro facility.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Metro Wastewater Management Commission assumed this responsibility under Joint Powers Agreement.

INFILTRATION/INFLOW

A. IDENTIFIED
PROBLEM

I/I problems covered under 201 facility planning.

B. COMMITMENTS

Not applicable except in Lowell (see Lowell facility plan).

C. ACCOMPLISHMENTS

Not applicable except in Lowell (see Lowell facilities plan).

D. CERTIFICATION/
APPROVAL

Full

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Local governments through 201 facility planning.
(See Attachment B.)

INDUSTRIAL WASTES

A. IDENTIFIED PROBLEM

Cumulative effect of industrial discharges not reviewed. Industrial overland flow a potential problem with no supportive information.

B. COMMITMENTS

Survey industrial wastes and assess point, nonpoint and sanitary discharges.

C. ACCOMPLISHMENTS

1. Industrial Wastes Survey Report. Identification of overland flows as most significant problem.
2. Identification of areas for cooperative industrial waste management planning.
3. Identification of industrial overland flows an important element in Urban Runoff pollution.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

1. Investigation of industrial runoff impacts.
2. Integrate industrial runoff management into Urban Runoff planning.

F. NEW PLANNING ELEMENTS

Develop industrial storm runoff BMPs and specific management plans. Recommendations on BMPs and designated management agencies to be complete by October 1978.

G. ALLOCATION OF RESPONSIBILITY

L-COG has Urban Runoff planning responsibility with Eugene/Springfield/Lane County cooperation and support. Industrial pretreatment is responsibility of Metro Wastewater Management Commission in Metro area. DEQ is responsible for regulation of treatment and control of point source industrial wastes.

INDIVIDUAL WASTE DISPOSAL

A. IDENTIFIED PROBLEM

Many communities have identified failing septic systems problems. There are 40,000-50,000 systems, many in known poor soil areas. There is a lack of public awareness of operation and maintenance requirements.

B. COMMITMENTS

Develop septic system management policies, guidelines and BMPs. Investigate septic system management as facility option for Coburg and Dexter. Develop public awareness program.

C. ACCOMPLISHMENTS

1. Excellent public awareness program.
2. Policies and BMPs recommended to the county for adoption (action now in progress).
3. Developed optimal management guidelines - manual prepared by county for distribution to new septic tank owners.
4. Coburg adopted septic system nuisance abatement ordinance.
5. Building moratorium adopted by Lane County and EQC for Dexter.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

1. Complete O & M Manual by October 1978.
2. Develop and adopt enabling ordinance for community management of septic and alternative on-site systems by October 1978.
3. Develop program for groundwater investigation and protection in River Road/Santa Clara; subject to federal funding. Work to begin about October 1978 and complete by April 1980.

F. NEW PLANNING ELEMENTS

See also reference to Comprehensive Sewerage Facility Review waste management planning for priority unincorporated communities as identified in this attachment. Planning to begin in FY 1979 if federal funding is available.

G. ALLOCATION OF RESPONSIBILITY

1. Septic systems management planning by L-COG and Lane County.
2. Implementation by Lane County or DEQ.

WATER QUALITY PROTECTION

A. IDENTIFIED PROBLEM

Need to coordinate planning for beneficial uses on major resource streams for 20 year planning period.

B. COMMITMENTS

Develop continuing planning program to prioritize water quality protection needs and coordinate comprehensive planning with water quality management.

C. ACCOMPLISHMENTS

Summary assessment of priority requirements, found in Water Quality Protection Program, revised draft. Recommendation for continuing work needs.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

Coordinate water quality planning with comprehensive metropolitan and subarea plans.

F. NEW PLANNING ELEMENTS

Implement tie-in between comprehensive planning and water quality protection plans. Develop basin specific protection plans as needed.

G. ALLOCATION OF RESPONSIBILITY

1. L-COG is Areawide Water Quality Management Planning Agency. Lane County is comprehensive planning agency for unincorporated areas of the 208 area.
2. DEQ is responsible for water quality standards, 303e planning elements.

NONPOINT SOURCES
(Silviculture)

A. IDENTIFIED
PROBLEM

Sediment from silviculture is a major water quality concern from the extensive federal and private timberlands in this area.

B. COMMITMENTS

Problem severity evaluation needed.

C. ACCOMPLISHMENTS

Identification of problem is statewide priority.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

None

F. NEW PLANNING
ELEMENTS

None currently identified.

G. ALLOCATION OF
RESPONSIBILITY

1. State Department of Forestry designated responsible management agency on state and private lands.
2. BLM, USFS designated management agencies on federal lands.

MINING

A. IDENTIFIED
PROBLEM

Not applicable. Mining is not a pollution source.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Mining is not a pollution source.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Not applicable.

NONPOINT SOURCES
(Agriculture)

A. IDENTIFIED PROGRAM

Sediment and erosion of agricultural land stream banks is a major contributor to Water Quality problems in Willamette River basin. There is little data on the severity of the problem.

B. COMMITMENTS

Problem identification and evaluation.

C. ACCOMPLISHMENTS

Preliminary identification of agriculture runoffs as lesser priority.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None

F. NEW PLANNING
ELEMENTS

L-COG has submitted a grant proposal to accomplish the following:

1. Data collection and more detailed problem survey.
2. Coordination of State DEQ, SCS/SWCD, RC&D and 208 roles.
3. Development and implementation of BMPs for agriculture lands.

Initiation of the above planning elements will be subject to availability of federal funding and DEQ implementation policy for agriculture.

G. ALLOCATION OF
RESPONSIBILITY

Designations for planning and implementation to be determined.

HYDROLOGIC MODIFICATIONS

A. IDENTIFIED
PROBLEM

Not applicable. Hydrologic modifications are not a pollution source.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. Hydrologic modifications are not a problem.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

Not applicable.

CONSTRUCTION

A. IDENTIFIED PROBLEM

Construction related pollution problems have not been identified or assessed separately from urban runoff.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/ APPROVAL

Not applicable.

E. WORK TO BE COMPLETED

Not applicable.

F. NEW PLANNING ELEMENTS

DEQ should design a workplan for a statewide construction management and control program by October 1978. Work to be undertaken as federal funds are available.

G. ALLOCATION OF RESPONSIBILITY

1. Urban runoff construction problems are being addressed by L-COG as part of the urban runoff program.
2. DEQ is responsible for design of a statewide construction management program.
3. Implementation - to be determine.

URBAN RUNOFF

A. IDENTIFIED PROBLEM

Water quality problems in millraces, storm channels and small receiving streams. Negative impacts on beneficial uses.

B. COMMITMENTS

Gather storm and background data to identify extent of problems. Model runoff and loadings to year 2000. Identify potential BMPs and future studies.

C. ACCOMPLISHMENTS

1. Clearly identified urban/industrial related problems.
2. Waste and volume projections to year 2000.
3. Preliminary BMP identification.
4. Policy and continuing program recommendations, support for continued work.
5. Established urban storm runoff task force.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

L-COG should complete the following work by October 1978:

1. Inventory existing and potential special problems, control options, jurisdictions and responsibilities.
2. Inventory existing management practices, e.g., street cleaning.
3. Develop recommended BMPs and urban runoff policies.
4. Agreements for designation of management agencies.

URBAN RUNOFF

F. NEW PLANNING ELEMENTS

L-COG has submitted an urban runoff proposal. Subject to federal funding, L-COG will begin the following work by about January 1979. Completion dates are indicated below.

1. Adopt BMPs for urban runoff by FY 1980.
2. Develop basin specific management plans by FY 1980.
3. Adopt special management plans for construction and industrial runoff by FY 1980.

G. ALLOCATION OF RESPONSIBILITY

1. Planning - L-COG
2. Implementation - to be determined.

PUBLIC PARTICIPATION

A. IDENTIFIED
PROBLEM

Past regional planning efforts pertinent to water quality in the L-COG area have been largely unsuccessful. The lack of success has been due, in part, to lack of adequate public participation.

B. COMMITMENTS

L-COG committed to develop and implement a public participation program.

C. ACCOMPLISHMENTS

1. L-COG disseminated information regarding the 208 program through brochures, newsletters, visual aids, press releases, newspaper and television coverage.
2. L-COG developed an extensive committee process to solicit public input.
3. L-COG held numerous public meetings to solicit public input.
4. Public input was utilized in plan formation.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

None identified.

F. NEW PLANNING
ELEMENTS

Public involvement should be included in all new planning elements.

G. ALLOCATION OF
RESPONSIBILITY

L-COG

PLAN DESCRIPTION

Program Management

Work activities were divided among three types of operatives; L-COG, Lane County, and private consulting firms. L-COG was to provide in-house staff responsible for the basic program management and coordination activities, including collection of data, technical analysis, and management assessment activities. A major contract was to be made between L-COG and the Environmental Management Department - Water Pollution Control Division of Lane County to perform specified activities of nearly all work elements including technical and management staff support and laboratory facility service. Finally, major work tasks of certain elements beyond the capacity of L-COG or Lane County were to be let under separate project contracts to private consulting firms.

The program effort from July through December 1975 was expended mainly in developing a detailed control program acceptable to EPA, in the hiring of the in-house 208 Program group, and in developing scopes of work for the Lane County and consultant contract activities.

During this period, the L-COG 208 group formed a Technical Advisory Committee (TAC) and a Citizens Advisory Committee (CAC). The TAC was composed of staff personnel from local planning and public works departments, from state and federal agencies, from special service and utility agencies, and from private industry. All TAC members had technical expertise either directly related to wastewater control or in associated fields of concern, e.g., local planning, water and wildlife resources, air quality, energy, etc. The TAC established its own internal management format and the L-COG 208 group served as staff support. The TAC was in a position to advise the L-COG Board of Directors either directly or through staff, and they often did so, occasionally with positions contrary to staff recommendations.

The Citizens Advisory Committee (CAC) was created with the intent of establishing a group with a broad cross section of interests and geographical representation that would serve as a liaison and advisory body in the 208 efforts to inform and be informed by the general citizenry. The interest cross section was established and included foresters, housepersons, business people, farmers, environmentalists, and others. Obtaining a good geographical cross section from the entire planning area was not totally achieved due to large travel distances and to area-specific impacts of many of the projects. There were many volunteers from the Eugene-Springfield area, but some positions for rural areas remained open or were intermittently filled. This problem was largely solved by developing "directed" public involvement programs for each program element that was location or group specific: In most cases this public involvement effort dealt primarily with self-organized groups not

directly staffed or authorized by L-COG. This dispersion of public involvement activity did not limit, but rather supplemented the advice and information role of the CAC.

Initially, an executive steering committee was formed to review and monitor budgetary matters and program goals. This committee was to be comprised of agency managers and executives. It was soon decided, however, that these personnel were under severe scheduling constraints and that the overall review function was being adequately handled by the TAC and the L-COG Board and this executive committee was disbanded.

In the development of regional sewerage alternatives for the Eugene-Springfield Metropolitan area as directed by EPA and the DEQ, it became obvious that the 208 TAC was not the appropriate body to make decisions for the metro area. Previously, the three governing bodies in this planning effort (Eugene, Springfield, and Lane County) had formed the Metropolitan Sewer Advisory Commission (MSAC), and this group had been intimately associated with the metropolitan sewerage planning process for several years. The commission was recharged with this planning responsibility, and the MSAC and L-COG agreed that budgetary and staff support should be provided through the 208 project, thus satisfying both L-COG and MSAC needs and DEQ grant requirements. Considerable staff support was diverted to this effort, and in all matters relating to metro sewage treatment needs, the 208 program was under the direction of the MSAC. Since several members of the L-COG Board also were involved in the metro sewer planning, this double direction of 208 effort provided an effective coordination link in the process.

In July 1976, a major shift in 208 planning emphasis was required by EPA because of congressional pressures for the program to produce easily observable and judgeable outputs. This emphasis meant a strong shift toward the "implementation" aspect of planning, with success being measured in terms of "hard outputs" and water quality improvements actually achieved. This emphasis required a paring down of the initial program to those problems that clearly needed identification or for which plans could be implemented. This contrasted with the initial guidelines which focused more heavily on comprehensive areawide general management plans and required a redefinition of the Work Program with a greater detail of work specification, elimination of some activities which could not be completed in the two-year period, and a re-evaluation of projected work "outputs." This new direction caused few problems for the L-COG 208 project, since this process was already well underway and the work elements had already evolved into separate and independent goal-specific projects. The only significant shifts in the L-COG 208 direction involved the formal elimination of several data base, survey, and pilot study elements that would not have resulted in implementation and which were not on the "critical importance" list. The Project Control Document was revised to reflect necessary changes. A secondary result of this program shift was the abandonment of plans to draft one single comprehensive "Areawide Management Plan" document, and the decision to pursue individual, project-specific planning/implementation reports for separate regulation compliance and certification suitability review.

In June 1977 an extension of the 208 planning period to October 31, 1977, was authorized by EPA. L-COG requested and was awarded this four-month extension period to complete projects then underway. This extension was important to our implementation efforts because of the vagaries of the political processes, because our public involvement programs were more involved and time consuming than anticipated, and because the persistence of drought conditions stretched our non-point problem identification activities over a longer period of time. Much of the work of holding formal public hearings and preparing draft and final plan documents was performed during this extension period.

It was found that a two and one-third year period is too short to carry projects from data gathering through planning and public involvement to adoption and implementation, except in cases where the output goals are limited and very specific in extent or unless most of the basic background data is already available in accessible form.

The management activities involved in tying this entire process into the framework of EPA regulations and requirements and DEQ statewide planning guidelines was a staff time demand that subtracted several months from the effective working period. Likewise, local coordination and compliance maintenance with local plans further reduced the direct "hard output" management time allocation. Both of these project demands were important and integral elements of the entire 208 project process, but neither is directly reflected in the discussion of specific projects nor is elsewhere covered in the overall management plan description.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- "208 Wastewater Management for the Willamette River Drainage Area of Lane County," L-COG, January 1976 (a brochure).
- "208 Wastewater Management for the Willamette River Drainage Area of Lane County - What's Happening in the Lane County 208 Project, How it Affects You and Your Neighbors, " L-COG 208 Citizens Advisory Committee Newsletter #1, January 1976.

OUTPUTS:

- Citizens involvement and public information through the 208 Citizens and Technical Advisory Committees.

A. Data Base Activities

Throughout the first year of the project (1975-76) a great deal of effort was directed toward the development of the background data necessary to development recommendations for specific wastewater management plan elements. Much of the data was collected from other sources, while some was generated directly through sampling programs. Although most of the data was project specific, general background data was also developed with the intention of incorporating all available data into a comprehensive computerized water quality data bank. This data bank was to be used by the 208 project as planning progressed beyond the initial two-year period and was also to be available as a regional resource for all other parties interested in water quality protection. The shift in emphasis in 1976 to "hard outputs" required the abandonment of most of the general data collection and codification activities, while staff resources were directed toward project-specific data collection, in particular relating to urban runoff and individual waste disposal.

Most of the data collected is now available through incorporation into the specific project report documents and appendices, while the rest of the data remain in "open" files of the 208 project. A portion of the water parameter and urban area land use data was computerized and is available from the L-COG research section in printout or map-plot form as appropriate. Additionally, published and unpublished information has been gathered and is available from various other sources on the subjects of silviculture, agriculture, sediments and erosion, residual waste, non-point sources, urban runoff, pesticides, sewage treatment, structural modifications, industrial waste treatment, municipal waste generation, stream flow, statewide planning, and remote sensing. This data is maintained in open files or has been catalogued into the L-COG library. A published listing of available local data was envisioned but was not completed.

PUBLICATIONS AND SUBMITTAL DOCUMENTS: None - see other project elements.

OUTPUTS: None - see other project elements.

PROCESS FLOW DIAGRAMS: See Appendix A, p. 1.

DESIGNATIONS: L-COG (208 Program) is a designated Areawide Wastewater Management Planning Agency.

B. Eugene-Springfield Metropolitan Area Sewage Treatment Plan

This activity was begun as a result of a grant condition by DEQ for designation of L-COG as a 208 management agency requiring the inclusion of metro sewage treatment planning in the work plan. This was done because this metro process had been pursued locally for several years without a satisfactory conclusion such that EPA was able to accept 201 design and construction grant requests. Inasmuch as the combined municipal discharges of Eugene and Springfield represent the largest waste source in the area, and since the state desired to be able to proceed with its design and construction awards according to the statewide facility priority list, this was felt to be the local priority activity. A detailed description of the activities of this project element is documented in the materials sent to EPA for certification review.

Briefly, the 208 staff and the Metropolitan Sewer Advisory Commission (MSAC) prepared a management alternatives report and pursued public information and local government coordination programs. With 208 staff and consultant support, MSAC developed a joint powers agreement between Eugene, Springfield and Lane County that agreed on the construction of a regional facility and established the Metropolitan Wastewater Management Commission (MWMC) for the purpose of preparing design and construction grant requests and to later be responsible for the design, construction and operation of this facility. The MWMC applied for and was awarded a Step II design grant in mid-1977. The 208 staff and funding support was extended to all phases of MWMC implementation effort through November 1977, and additional 208 grant support will be provided to the MWMC staff until it becomes self-supporting from user revenues.

Although the metro planning process was a separate planning element, the results of this activity had direct impacts on the River Road/Santa Clara Sewer Service project. The decision not to include River Road/Santa Clara in the initial bonding district meant that this River Road/Santa Clara work activity had to be abandoned and the allocated funds transferred to the MWMC. The extensive public information program indirectly resulted in the City of Eugene formalizing their policy against the provision of urban sewer service independently of annexation. This policy was formulated with specific regard to the River Road/Santa Clara area. Concern with the long-term solution of waste disposal problems in the urban, unincorporated areas resulted in the development of information files on alternative individual waste disposal systems (primarily composting toilets), and in the pursuit of ground water testing studies in the River Road and Santa Clara areas.

The effects of the metro process on urban storm runoff planning are not direct since separate storm and sanitary systems are maintained by both cities. However, changes in the types of industrial wastes

acceptable to the new facility may have impacts on industrial operations and hence on the wastes discharged or running off into the storm channels. These effects are not expected to be extensive.

The effects of the final decision to pursue a regional facility are fully described in the facility plan environmental assessment, but it is worth noting here that the overall effect on water quality will be quite dramatic in that discharge points to the river are removed from the metropolitan center and the loading to the Willamette River from these sources (in combination the largest point source loading in the upper Willamette Basin) will be reduced by over 65 percent when the facility becomes operational in roughly five years.

PUBLICATIONS AND SUBMITTAL ITEMS:

- 208 Plan: Eugene-Springfield Metropolitan Area Waste Treatment Management Alternatives; 1976, L-COG/CH2M-Hill.
- "AGREEMENT, Metropolitan Wastewater Management Commission," February 9, 1977 (Joint Powers Agreement; Eugene, Springfield, Lane County)
- "Metropolitan Wastewater Management Commission-201 Step II Design Grant Application - #C-410624-01-0," May 16, 1977
- "Information Packet", River Road-Santa Clara, June 28-June 29, 1977; MWMC, L-COG (for public meetings).
- "Information Packet", North Springfield, Glenwood, etc., July 17, 1977, MWMC, L-COG (for public meetings).
- "208 Newsletter" - 208 Citizens Advisory Committee, October 1976 (#2)

OUTPUTS:

- Preparation of a facility alternatives plan in compliance with EPA Step II grant eligibility requirements.
- Agreement to build a regional sewage treatment facility.
- Formation of a regional management commission.
- Submittal and approval of a Step II design grant application.
- Provision of 208 interim funding for the management commission.

- Effective public information and involvement program.
- Decision on initial size of the service district.

PROCESS FLOW DIAGRAM: See Appendix A, page 2.

DESIGNATIONS: The Metropolitan Wastewater Management Commission (MVMC) has been designated as the area agency responsible for planning design, construction and operation of the metropolitan sewage treatment facility. The MVMC possesses all the legal and financial authority required by P.L. 92-500 to be able to receive grants and perform these functions. It is understood that L-COG will remain the designated areawide agency for the utilization of 208 planning monies.

C. River Road/Santa Clara Sewer Service Project

The River Road/Santa Clara Project was included as a program element since this urbanized area contains over 8,000 homes on individual waste disposal systems within the metro area. There has been growing concern with ground water contamination, and it was felt that sewerage was a probable eventual solution that had not yet been adequately provided for. This project was not incorporated into the metro sewer study since sewerage is not eligible for 201 funding and involves serious questions of annexation, service district boundaries, land use priorities, etc., that are not inherent in the construction of a regional facility. It was felt that the Cities and County might not agree on a treatment facility option if the question of sewerage policy regarding contiguous unincorporated areas needed to be solved concurrently, and the only restriction on facility sizing was that it be designed to service a population that would probably need the service within the 20-year planning framework.

The pursuit of a sewerage mechanism for the River Road/Santa Clara area was abandoned at an interim stage when it became obvious through Eugene city policy that sewer service would be opposed without an annexation timetable, but that the residents of this area steadfastly opposed annexation. A decision not to resolve those issues at this time and to proceed with a cities-only service system was made so as to not jeopardize the metro facility planning process. Following the decision not to sewer at this time, the remaining funds in this project were transferred to the metro process.

A subelement of the River Road/Santa Clara project involving a resampling of groundwater to test for mineral and bacterial contamination to update a 1971-72 ground water study was pursued but was inconclusive due to the persistence of drought conditions.

A more detailed description of the work and limited results of this project are provided in the "River Road/Santa Clara Sewer Service Summary Report." Ongoing activities are also recommended in that summary report.

The impacts of the River Road/Santa Clara sewer project on the metro facility planning process have already been described. The political nature of annexation questions combined with the lack of a health mandate to alter the present situation makes the process difficult to plan for. A county building moratorium has been proposed. Combined with the facts that many residents in the River Road area are favorably disposed to having sewers, and that the potential problems of ground water contamination are accepted by most, this leaves the scheduling and mechanism for providing this and other urban services open to the winds of political change.

An individual waste disposal management program is an unlikely option for these densely populated areas, yet enough interest was generated in this and other alternatives to mandate the inclusion of these considerations in the implementation phases of the individual waste management program. In particular, Lane County and L-COG will investigate the possibility of an enabling ordinance aimed at establishing voluntary districts for individual waste management programs, and the River Road/Santa Clara situation will be evaluated in this context. This reassessment of alternatives will include a restudy of ground water information and an attempt to pinpoint the extent of subsurface problems.

The River Road/Santa Clara study presently has limited relationship to other urban pollution problems since the area is largely residential, not generally served with storm sewers and has very porous soils. The future development of metro urban runoff management plans will affect the area since a major open channel traverses the western part of the area, and it is conceivable that severe failing septic system problems (during heavy rain or flood periods) could be transmitted to this channel and hence become an acute urban runoff health hazard.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- "Information Packet" - River Road, Santa Clara, June 28, June 29, 1977, MWMC, L-COG 208 (for public meetings).
- River Road/Santa Clara Sewer Service Program - Summary Report (draft), L-COG 208, October, 1977.
- "River Road/Santa Clara - Final Public Hearing Transcript," October 26, 1976.

OUTPUTS:

- Active public information program with considerable public involvement.
- Eugene annexation policy resolution.
- A decision to resolve sewer service questions independently of and at a later time than the metro facility planning process.
- Conclusion that the groundwater contamination information was still inconclusive and required reevaluation and further study.

PROCESS FLOW DIAGRAM: See Appendix A, page 3.

DESIGNATIONS: None made, Lane County maintains jurisdiction and responsibility for subsurface systems in unincorporated areas.

D. Lowell-Dexter Facilities Plan

The Lowell-Dexter planning processes are documented in some detail in the "Lowell-Dexter Area Sewerage Facilities Plan". This area was selected for special planning because of the close contiguity of a small city with a presently inadequate sewage treatment facility, an unincorporated community with severe septic system problems, and several large state and Corps of Engineers Parks in the process of planning for expansion and sewerage treatment.

The facility planning effort was initially pursued from the standpoint of potential regional solutions so as to spread facility construction costs. A series of alternatives and their costs were developed, and there was a vigorous public information effort and considerable public response.

The unincorporated area of Dexter decided that the costs of sewerage were exorbitant, and they did not want to encourage further growth in their area and therefore did not want to participate in a regional solution. Lane County, in an effort to forestall a worsening of septic system failure problems, requested and obtained a "new system installation moratorium" from the State Environmental Quality Commission. This moratorium was not opposed by the Dexter community.

The Oregon State Parks and U.S. Army Corps of Engineers decided that their development plans did not require facility expansion or the implementation of a regional solution at this time. Unfortunately, this left the City of Lowell in the position of having to make costly repairs to their present system without being able to share the service. They reluctantly decided to begin an interim approach involving the upgrading of their facility, with the realization that their facility adequacy and the options of regional systems would be reevaluated in five to ten years.

This project element had no direct ties with other 208 planning activities, since the area is physically delimited and was chosen for its unique situation. The individual waste disposal management program will apply to the Dexter area, but the Dexter moratorium decision carries this management to its extreme. Of secondary impact but great interest was the decision of a rural community near an urban area to restrict its growth through a decision not to provide sewer services, and this decision may have precedential implication in other rural communities. This decision may have additional implications on the development of a voluntary septic management area enabling ordinance as proposed for the extension phase of the individual waste management program.

In another area, it is felt that the involvement of state and federal park agencies is a crucial planning issue if a regional solution is to be developed. Such involvement would set precedents for intergovernmental facility planning and cost sharing and should

be actively pursued when new facility construction is foreseen. It is in the long range planning-coordination role that the 208 Program may have a continuing role.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- Lowell-Dexter Area Sewerage Facilities Plan, L-COG 208, July 1977.
- "Lane County Board of County Commissioners Resolution in the Matter of Establishing a Moratorium on Construction Permits for Subsurface Sewage Disposal Systems in Dexter, Oregon," June 10, 1977 (Request to the Oregon Environmental Quality Commission).

OUTPUTS:

- Preparation of a regional facilities alternatives plan.
- Decision by Lowell to adopt an interim facilities improvement program with concurrence by the Oregon Department of Environmental Quality.
- Decision by Dexter not to provide for sewer service (with subsequent moratorium resolution by Lane County and the State EQC)..
- Incorporation of regional facility planning considerations into further development considerations.

PROCESS FLOW DIAGRAM: See Appendix A, pages 4 and 5.

DESIGNATIONS: The City of Lowell was designated as the appropriate agency for upgrading their treatment facility according to DEQ requirements. Lane County maintains jurisdiction for moratorium enforcement in the Dexter Area by contact with the DEQ.

E. Coburg Treatment Alternatives Study

The "Coburg Sewerage Facilities Plan" details the process and outputs from this program element. This program element was chosen because of the unique situation opportunities presented in Coburg for providing waste treatment management for an incorporated city. Coburg is small, on septic systems, not inclined toward rapid growth, and has septicly suitable soils. In order to satisfy the need for waste management planning, alternatives were evaluated, including facility construction and various existing system management techniques. A concentrated public information program induced considerable citizen involvement on the issue. For cost as well as growth control reasons the City of Coburg eventually chose to adopt a nuisance ordinance as a means to effectively forestall individual waste disposal problems by providing a repair/replacement mechanism.

Although this program element was a separate and discreet project without immediate impacts on the other 208 projects, its precedent-setting results provide a model for other small cities and unincorporated rural communities throughout the state. If the management system proves effective, it provides a cost-effective technique for domestic waste management for small communities. This program also provides a limited pilot test for evaluating aspects of the more general individual waste management program. In terms of land use considerations, the use of septic limitations to control growth and land use is an interesting example, with, however, little direct application in this 208 area, since it is not available as a technique to other small cities. The use of defined management areas in unincorporated communities is a control technique that will draw upon the Coburg experience but remains to be developed and used, and will, obviously, be subject to considerable political massage.

Ongoing activity in Coburg requires the practical implementation of their management approach with subsequent, periodic review and assessment. These needs have been incorporated into the 208 Program's grant extension activities as well as ongoing planning proposals.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- Coburg Sewerage Facilities Plan, L-COG 208, July 1977.
- City of Coburg "Ordinance No. A-95", An ordinance declaring it to be a nuisance to allow sewage from subsurface sewage disposal systems to surface, repealing conflicting ordinances, and declaring an emergency to exist. September 27, 1977.
- "Information Packet - Sewerage Facilities Alternatives, Coburg, Oregon," L-COG 208, April, 1977.

OUTPUTS:

- Coburg facility alternatives study document.
- Decision to manage domestic wastes (and to concurrently control development) through a nuisance ordinance for failing subsurface systems.
- Adoption of a nuisance ordinance for the City of Coburg.

PROCESS FLOW DIAGRAM: See Appendix A, page 6.

DESIGNATIONS: The City of Coburg was designated as the appropriate management agency to implement the septic system management program. As a city they have all the necessary authority to meet the requirements of PL 92-500 for grant eligibility. As a small city their in-house staff capacity is limiting, and they will need to establish practical channels to carry out this work.

F. Updated Comprehensive Sewerage Plan Review

The updating of sewage treatment facility planning in the 208 area was a grant requirement and required a summary status report on the planning/design/construction activities for the cities that have treatment facility permits. This process was not intended to provide detailed facility planning as was provided to Eugene-Springfield, Lowell, and Coburg, but was, rather, an update of the preliminary facilities review performed by Lane County in 1974 (Lane County Preliminary General Plan - Water Quality Management Plan - Willamette Basin), and was intended to coordinate the compliance of these facility planning efforts with PL 92-500 requirements for the purpose of meeting section 201 grant eligibility requirements.

An initial interim report was prepared in 1976, and this was updated to include new data in 1977 as a comprehensive facility review. Recommendations for future work were made, and the needs of special districts and unincorporated communities were addressed.

Coordination with the cities was used to acquire necessary data, and at the beginning of the project the needs of these cities to have detailed facility planning aid was assessed. Only Coburg, Eugene-Springfield, and Lowell required this assistance, with the other cities being further along in the design/construction process and higher on the state construction grant priority list. No special public program was initiated, since no action was required.

Impacts of this facility review process on other aspects of the 208 program were negligible, except that these documents provide a data base for A-95 review comments. In a general way, the preparation of these documents will help to strengthen the consideration given to facility adequacy during comprehensive city planning. This information provides a tool for ensuring that population and land development tendencies do not exceed the capacities of this urban service, i.e., it helps foster "ordered growth."

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- Lane County - 208 Program Interim Facilities Report, L-COG 208 and Lane County, August 1976.
- Comprehensive Sewerage Facility Planning Review Report - Upper Willamette Basin of Lane County, L-COG 208, Lane County, October 1977 (draft).

OUTPUTS:

- Interim Facilities Report.

- Updated Facility planning review reports, with recommendations for further activities.

PROCESS FLOW DIAGRAM: See Appendix A, p. 7.

DESIGNATIONS: None needed since the incorporated cities are committed to and capable of managing their own treatment facilities. The unincorporated rural communities come under the individual waste management jurisdiction of Lane County.

G. Individual Waste Disposal Management Program

There are over 40,000 subsurface disposal systems in the County, many of them failing or marginal because of poor maintenance and inadequate soils. Local water quality and health hazard problems have surfaced sporadically throughout the area. This program element was developed to find a way to more adequately prevent these problems and to extend the life of those systems currently in use.

A consultant firm was retained to develop a report detailing optimum management practices. These proposals were reviewed and adapted to the local management, social and political situations and carried out to the rural areas through extensive public meetings as a set of proposals for review and comment. The response was considerable in some areas and, on the whole, in opposition to the mandatory portions of the management plan. The proposals were redrafted to reflect public comment and a second round of meetings was held with nearly overwhelming negative response. A final proposal, recommending little more than public information and home buyer protection elements, was finally submitted to the Lane County Board of Commissioners and taken under their advisement.

The results of the planning effort are documented in a Summary Report that explains the incorporation of the consultant proposals into the public involvement process. The consultant report is also available and details the "state of the art" on septic system management.

The Individual Waste Disposal Management Program generated more controversy than any other 208 planning activity. This project involved serious questions of land use and governmental involvement with pollution on private lands. The most serious controversy arose over the initial recommendation for mandatory periodic inspection and maintenance. The reaction to this proposal was definitely hostile and centered on issues more encompassing than the question of whether or not there was a problem with subsurface systems that could be alleviated by inspections and pumping.

A major concern was the right of government to delve ever more intimately into the life style of landowners, and many people remembered with apparent rancor that L-COG was the agency by whom they had first been exposed to land use planning and controls. A recurrent theme was that the individual was capable of and responsible for doing his own system maintenance and that this program proposal represented just another example of bureaucracy attempting to enlarge at the expense of individual freedoms, a tendency they were stoutly prepared to fight.

Consumer protection elements for home buyers and installers of new systems was less poorly received, but it was still felt that it was

an invasion of privacy and a function that individuals could best handle themselves. The public information elements received moderate and sometimes reluctant support due to a common attitude that owners were more "on top" of the situation than bureaucrats in county government.

Individual waste disposal control in semi-rural areas has strong interaction with land use control and development intensity, and this connection is not lost on most rural residents, especially those with parcel sizes less than five acres. In active farming areas with a greater availability of land, the problems of sub-surface systems lose much of their importance in comparison with agricultural concerns.

In the densely populated areas of River Road and Santa Clara, there was a complex and not entirely clear interaction of the individual waste and sewer service programs. Perhaps most importantly, this issue tended to differentiate these two neighborhoods. In River Road, with small lot sizes and 10-15 year old systems, the eventuality of sewers was almost conceded, while in Santa Clara, with newer systems and larger lots, management of these systems was felt to be a viable alternative to expensive sewers. This feeling of a need for alternatives also brought out a strong interest in alternate systems such as composting toilets. In other areas close to the urban boundaries there was a similar composite of interests in individual versus sewerage systems, this interest being proportional to the density and age of the neighborhood. The most important planning consideration to come out of these public discussions was the realization that individual waste management may provide a needed interim solution in those urban fringe areas where densities are of serious concern but where annexation is not imminent. This consideration will have implications in developing an enabling ordinance for voluntary management areas as part of the ongoing individual waste management effort. This same ordinance might have important implications for water quality protection in rural communities along critical stream corridors.

There are no other direct ties of the individual waste program with the other urban, industrial, or facility oriented 208 programs, but it is important to realize that the reason for this lack of overlap is precisely because the individual waste program fills in the gap not covered under other point and non-point categories.

It is not clear at this time what the extent of positive impact of this program on water quality and reduction of waste loading will be. Public information programs may have few immediate but many long range effects; property transfer inspection, while of great benefit in prolonging service life to second or third owner systems, is not guaranteed implementation. Both the 208 TAC and CAC, as well as the L-COG Board of Directors, noted that the final proposal,

while useful and perhaps the maximum acceptable, was not the optimal in terms of water quality protection or health hazard reduction.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- "Septic Problems are Surfacing," L-COG 208 Citizens Advisory Committee Newsletter #3, March 1977.
- "Public Information - Septic Tank and Drainfield Management System," Lane County and L-COG 208, for first-round public meetings, spring 1977.
- "Care and Feeding of Your Septic Tank," Lane County Water Pollution Control Division, brochure, spring 1977.
- Draft - Septic Tank Systems Management, L-COG 208 and Lane County, draft proposal and public information for second round of public meetings, September 1977.
- "208 Project - Individual Waste Disposal Management Program, Lane County, Oregon," L-COG 208 and Brown & Caldwell, September 1977.
- Individual Waste Disposal Management Program - Summary Report (Draft), L-COG 208, October 1977.

OUTPUTS:

- Development of an optimal management program report document.
- Vigorous public information and very active public involvement programs with strong feedback - dispersal of considerable information.
- Final program recommendations to Lane County Commissioners accepted under advisement - implied acceptance of Lane County basic responsibility to implement any adopted programs.

PROCESS FLOW DIAGRAM: See Appendix A, page 8.

DESIGNATIONS: None needed - acceptance of proposal under advisement by Lane County Commissioners implies responsibility to implement if adopted. Lane County is presently the designated management agency by contract to Oregon DEQ for management and enforcement of individual waste disposal programs for Lane County, including the 208 area.

H. Urban Storm Runoff and Industrial Overland Flow Management Program

Initially the Urban Storm Runoff and Industrial Wastes Survey project elements were separate and independent, since it was thought that industrial point source discharges were the major contributors to water quality degradation. However, in the course of the Industrial Waste Survey it was found that major industrial concentrations were in urban areas and most process waste discharges were to sanitary treatment facilities, leaving industrial overland (storm related) flows as the single largest uncontrolled industrial source. It was also determined that point source and sanitary system discharges were already subject to planning and control consideration through the DEQ and the Metropolitan Wastewater Commission. The survey report was produced and the industrial overland flow portion was then incorporated into the urban runoff planning effort. This implies that, in the future, point and non-point industrial wastes for urban areas will receive separate planning efforts, with overland flows being dealt with as a subelement of urban runoff management.

The urban runoff project was initially envisioned as a two-phase activity of problem identification and implementation. It was decided early on that the lack of data for this area, with its unique winter storm patterns, separate storm and sanitary sewers and open channel systems, would demand a concentrated focus on problem identification. The second implementation phase would have to wait until later. Major effort was directed toward a sampling and monitoring program with the development of a predictive model. At the same time, preliminary work was done to develop a list of major problems and potential strategies for control and prevention. Little effort was to be devoted during this phase to implementation and integration into comprehensive planning. Public information efforts were to be initiated towards the end of the project period, when the problem identification was sufficiently advanced to provide relevant information.

Urban Storm Runoff and Industrial Overland Flow are addressed in separate technical reports. It is these technical reports that provide the basis for the program summary report, the public involvement effort, and the development of ongoing and extension project proposals. Further, these technical evaluations, although hampered and delayed by drought problems, provided a sufficiently clear indication of problem magnitude (though not impacts) that it was possible to incorporate preliminary management and control recommendations into the summary report.

The urban runoff identification effort generated more interest than was expected, especially in regards to the open-channel storm collectors where multiple-use values are recognized. At the same time, the acceptance of major sanitary sewer and treatment responsibility by the MWMC has allowed for more attention to storm sewer

concerns by city public works staff. This interest has been enhanced by increasing concern over the potential for flooding on these open channels as rapid urban development continues. This concern has also involved both city planning and public works departments.

There seems to be a growing recognition that urban runoff control is an important urban service that has both quality and quantity impact implications on land use and development, beneficial water use, facilities operation and maintenance, and urban life style characteristics. The economic and social impacts of the control or lack of control of runoff quantity and quality are hard to assess because of their diffuse nature, but as population grows and concentrates in urban areas, it becomes foolish to ignore these impacts. It seems probable that these concerns will become elements of comprehensive urban planning, so that a variety of public and private entities will have a chance to influence their resolution.

Presently, the local "state of the art" is in the position of stimulating the concern with urban runoff by identifying as many of the tie-ins between runoff management and other water quality/urban planning concerns as is possible. The next stage is the development of specific recommendations for best management practices in coordination with a refinement of the problem identification. Since the diffuse sources of this pollution will to some extent require diffuse solutions, the coordination of urban runoff management planning with other urban service and development activities is expected to be quite involved.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- Urban Stormwater Analysis--Eugene-Springfield Metropolitan Area, L-COG 208, Jordan/Avent and Associates, September 1977.
- Draft Lane County/Upper Willamette River Basin Industrial Wastes Survey Study, L-COG 208, August 1977.
- "Urban Stream or Open Sewer?," Newsletter #4, L-COG 208 Citizens Advisory Committee, September 1977.
- Draft Urban Storm Runoff Management Study - Summary Report (including environmental assessment), L-COG 208, October 1977.

OUTPUTS:

- Completed preliminary sampling program.
- Development of predictive (20-year) model for estimation of runoff volumes and pollution content.

- Industrial waste survey in draft form with a comparison of point and non-point problem levels.
- Identification of the magnitude and locations of urban runoff problems in Eugene and Springfield, including industrial overland flow problems.
- Identification of preliminary management policy and implementation strategy recommendations.
- Development of public and private awareness of urban runoff problems.
- Development of ongoing and extension programs for BMP determination and implementation.

PROCESS FLOW DIAGRAM: See Appendix A, pages 9 and 10.

DESIGNATIONS: The L-COG 208 program is a designated areawide agency for non-point wastewater management planning for this area. Since this urban runoff project is still in its initial stages, it is premature to designate local bodies as implementation agencies. The cities of Eugene and Springfield and Lane County have tentatively agreed to support continuing 208 activities in this area, and this commitment of interest implies at least a minimal acceptance of responsibility for continued activity.

I. Non-Point Source Analysis

In addition to the non-point pollution problems posed by industrial and urban storm runoff and individual waste disposal, the 208 Program had originally intended to address the problems associated with agricultural and silvicultural activities. The original Project Control Plan called for pilot studies to tie into a data survey to verify local conditions and provide a means of extrapolation towards future problems and needs.

A small quantity of data on agricultural and silvicultural runoff was collected during the first phase, but it became rapidly apparent that there were insufficient in-house resources and time during the two-year project period to develop an adequate data base for detailed analysis without jeopardizing the urban runoff analysis and industrial survey programs. As a result, the pilot study phase was abandoned. In retrospect, this was a fortunate decision, since the subsequent drought in the winter of 1976-77 would have made data collection on agricultural and forest runoffs futile.

The pursuit of detailed survey studies was similarly abandoned for two reasons related to federal and state guidelines. To begin with, it became clear that the Statewide 208 program was focusing a major effort on a re-evaluation of forestry practices under the Forest Practices Act, and the areawide agencies were largely precluded from developing their own independent alternatives. On the other hand, it was at about this time that the EPA changed its Region X emphasis from long range comprehensive planning to "hard outputs," thus requiring a transfer and reallocation of local funds toward projects that were more limited in scope and for which implemented products could be developed in the short, two-year period.

The above-listed program changes were not intended to imply that silvicultural and agricultural activities were not causing water quality problems, but it would be accurate to presume that these elements are of lower priority (as a result of preliminary evaluation) in this 208 area. The study of agricultural and silvicultural pollutions remains a need identified in the ongoing plan proposals. Future constraints that may be placed upon these activities for pollution control purposes can be expected to have both serious land use and economic ramifications.

PUBLICATIONS AND SUBMITTAL DOCUMENTS: None.

OUTPUTS:

- Development of open data files on agricultural practices, agricultural pollution problems, and the use of toxic chemicals on agricultural lands.

- Development of open data files on logging practice relationships to water quality and on best logging management practices.
- Development of a pilot model for the conversion of ERSAL satellite data into an interpretable land cover identification system (open data file).
- Development of proposals for ongoing forestry and agriculture pilot studies including sediment analysis and small woodlot management studies.

PROCESS FLOW DIAGRAM: See Appendix A, page 11. Studies to be developed contingent on the availability of funds as indicated in the 208 Continuing Program Proposals summary.

DESIGNATIONS: Not applicable since the Statewide 208 Program is in the process of designating the Oregon State Department of Forestry as the management agency for forest practices. The Soil Conservation Districts have been actively working with the Statewide 208 Program on agricultural BMP development.

J. Water Quality Protection Program

The original intent of the water quality protection program was to evaluate (estimate) and compare the assimilative capacities of major stream segments, both in relation to point and non-point source loadings and also in relation to each other, i.e., prioritize segments on the basis of loading as well as loading impact. It was hoped that this information would lead to predictions of approaching serious water quality problems.

As the 208 Program progressed, it became obvious that this evaluation and comparison depended on the results of other non-point source studies, several of which were abandoned. In addition, it was determined from a review of existing water quality data that, since local stream water quality generally exceeds required standards, this loading evaluation was more of a chronic than an acute water quality problem. Hence, this project was continuously pushed back to be done as time might permit near the end of the project period.

Toward the end of the project, when data on point source loadings and input from urban and individual waste disposal non-point sources was finally available, it was no longer time-wise possible to develop the estimates of loading necessary to adequately develop this evaluation. Also, the loadings from agricultural and silvicultural activities were not available. As a result, a considerable portion of this program element is incomplete.

The Water Quality Protection Summary Report develops a brief summary of known stream quality characteristics and causative problems and provides recommendations according to specific stream basin for additional studies necessary (or helpful) in developing stream specific protection programs.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- Water Quality Protection Program - Summary Report, L-COG 208, October 1977 (draft).

OUTPUTS:

- Updated summary of water quality concerns and recommended studies related to basin-specific water quality protection.

PROCESS FLOW: See Appendix A, page 12. Studies to be developed contingent upon availability of federal funds as indicated in the 208 Continuing Program Proposals summary.

DESIGNATIONS: None. L-COG remains a designated Areawide 208 Planning Agency with responsibility for developing water quality protection programs as funding and priorities allow.

K. Continuing Planning Process

There are two elements to the continuing or ongoing 208 planning process. The first of these is the maintenance of an ongoing staff capacity to provide for daily application of adopted plan policies to general planning considerations as well as A-95 and environmental reviews. This staff capacity could provide an information resource for the public and might staff technical and citizen advisory committees.

The second important function of continuing planning is the development and pursuit of specific problem identification or implementation projects. On-board staff plays an important role in this activity, both in writing up grant requests for new projects as well as coordinating these new projects with local agencies and local planning efforts.

The ongoing staff function is one for which, ideally, there will be both local and state/federal support. In the present 208 process, however, the intense nature of the work effort that was necessary to achieve "hard outputs" and the uncertainty of federal funding (specifically, the near certainty of funding that dissolved in September 1977) combined with Statewide 208 directives that "new projects" were to receive priority over "ongoing" functions to lower the priority of ongoing maintenance functions. It was not possible to develop and incorporate a continuing in-house staff element into local planning activities at the 100 percent local funding level.

The development of a "new projects" program, on the other hand, was pursued because of clear indications that these projects, where tied to state-identified water quality needs, would be eligible for statewide 208 funding support. The staff developed a list of projects that had been identified but not attacked during the present grant periods. The Technical and Citizens Advisory Committees were actively involved in the review and prioritization of these projects. These new projects, as approved for submittal by the L-COG Board of Directors, are listed in the 208 Continuing Program Proposals summary. In spite of the constraints that were placed on the development of data bases for non-point problem identification, the new program proposal does attempt to address the major water quality problems and protection needs and leans heavily on a 20-year planning framework concept. For these reasons, these new program proposals also satisfy some of the needs of a "continuous" planning proposal.

The implementation of these program proposals depends heavily on the availability of federal funds and state approval, not to mention the local support and direction. It is premature to indicate which

of these projects are likely to be pursued until local governments identify their special information needs or until the statewide 208 Program develops its priority criteria for new projects. The proposed project list will be updated as new information becomes available or as political situations demand.

PUBLICATIONS AND SUBMITTAL DOCUMENTS:

- "208 Continuing Program Proposals, " L-COG 208, September 1977.

OUTPUTS:

- Identification of study project needs for the next two-five year planning period.

PROCESS FLOW: Development of project flow diagrams will depend entirely on the specific projects selected for investigation and the availability of funding.

DESIGNATIONS: L-COG 208 remains a designated Areawide 208 planning agency for the purpose of doing local waste management planning. Proposals will have to meet concurrence with State 208 Planning criteria and funding allocation will flow through the Statewide 208 Program.

L. Public Involvement

The Public Involvement program of L-COG consisted of two major components: The Citizens Advisory Committee (CAC) and project-specific direct involvement publics. The CAC provided general liaison between L-COG staff and the public by helping in the development of involvement strategies. They also produced a series of general information newsletters on major 208 Program efforts. The direct involvement public component consisted of groups that were contacted because of their special interests in particular projects, e.g., the Lowell-Dexter project involved all the Lowell-Dexter area residents, but not those from surrounding areas, and the metro sewer information process was focused on the urban metro population. In several cases the Citizens Advisory Committee assisted in contacting the special concern publics and in developing information for their use.

The Citizens Advisory Committee was formed during the early part of 1976 and was initially involved in the development of general public involvement goals and strategies for the entire 208 Program. As data became available and the projects assumed definite forms, the CAC developed a series of general involvement newsletters. In all, four newsletters were produced on General 208 Program Goals, the Metro Sewage Treatment Process, Individual Waste Disposal and Urban Storm Runoff. The CAC was also directly involved in reviewing the goals and projects proposed in the Continuing Program from the standpoint of public acceptability and interest.

The individual project public involvement programs were generally quite involved because each was tailored to meet the needs of the specific project element. Several general principals were followed as guidelines. First, it was felt necessary to clearly identify the "interested public" and to define what were the key elements of their interest, i.e., economic, land use rights, water use and quality, etc. This determination was essential to minimize the waste of time in supplying useful information to disinterested publics. Secondly, there was a need to develop a flexible and changeable process for providing information. This process had to recognize that information demands changed as a result of past information, political events, and perceptions of their power in the decision-making process. The third important consideration was the preparation of visible and effective summary charts, graphics and diagrams. These devices enabled many people who had not received the materials in time for study to develop an understanding of the problem while a presentation was being made.

Finally, it was realized that on important issues it would be necessary to provide more than one opportunity for review and comment so that people could have time to digest previous information and develop a position on the recommendations.

Each of these principles is discussed in more detail as follows:

1. Interested Public

The definition of a special interest public is not an easy task and involves a knowledge of the area, its population and lifestyles, and the prevailing feelings on a range of environmental interests. Fortunately each project element had some inherent limitations, i.e., confined to a district, affected only septic tank owners, urban oriented, etc., that made a first-level cut easier. It then became necessary to pool the information and opinions of all available staff (including staff from related activities such as land use planning, public works, etc.) in a brainstorming session to try to define which portion of the defined population had the greatest concerns and what their major interests were liable to be. In most, but not all, cases the people with the greatest interest are those receiving the most direct impacts. The major impacts of concern were found to revolve around economic issues, property rights and specific environmental concerns. It was found that it was extremely difficult to determine which of these three issues would predominate before the initial public meetings.

The definition of an "interested public" for general water quality planning concerns was a much more nebulous affair and used a "hit and miss" technique that did not prove too effective in reaching or stimulating great numbers independently of special projects. This is not unreasonable, since most people have many daily concerns with which a plea for "water quality activism" is in competition.

2. Information Change Process

The maintenance of a flexible "information response" process was an interesting aspect of the public information process. The first presentation often hit only half the mark, but this information often changed the people's perception of what they needed to know. In some cases, River Road/Santa Clara for example, information on the subject of alternate sewage plant configurations prompted an interest in two related items that had not been initially addressed--those of local sewer service costs and alternative (composting) individual waste disposal systems.

The public recognized that our planning group could not be expert in all fields, but they nonetheless demanded that the program have and be able to present information on subjects representative of all their major concerns. It was an expectation, and not unreasonably, that the planning staff have a

wider range of expertise at their disposal than the group of concerned citizens. This was not always an easy task, but, when done, it provided the planning effort with a crucial credibility both on the present projects and into the future. Failure to develop this credibility will sound the death knell on any innovative and many traditional projects.

An important point in the information transferral process is the self-perception of any group as to its own power to change, support or retard the process. It becomes important to clearly state which elements are alterable by public concern, and in most cases, it is better to also clearly define those areas beyond public control rather than try to obscure these already decided issues. If there are no real points for public control, it was found that public hearings were often effective in providing a forum, but a truly interactive involvement program seemed to require a defined response role with an identifiable response in the project.

Since most public participants approach a planning process with preconceived opinions, usually hostile in relation to land use controls, it was recognized that the first meetings were often more useful for "misconception diffusion" rather than new information transfer. Staff tried to respond to this variation in information need.

3. Presentation Graphics

Most people attending public involvement sessions come with a stronger sense of their own preconceptions than of the material they may have received. There are many practical reasons for this such as work requirements, lack of lead time, moderate interest level, etc. It should not be implied that these preconceptions are incorrect, even if these preconceptions are not usually the same as the staff project conceptions.

It was easy for staff to make the false assumption that attendees had a level of familiarity with the material comparable to staff. We found that the best way to minimize this communication gap was to distill project information into a series of short statements, pictures, and graphic summaries and to have these posted in a readable and accessible format. Even with these efforts, the communication problem sometimes seemed insurmountable, since human communication is not a precise process and all people have unique perceptions, even of a uniform set of words.

The need for graphic presentation material did not reduce the need for written handout or mailout materials, since these materials were often read away from the meetings and formed the basis for re-evaluation of opinions. But the graphic

presentation materials did provide a more uniform base for discussion during the meetings and enhanced the opportunity for new arrivals to participate.

4. Multiple Response Opportunities

It was fairly clear from the outset that more than one meeting would be necessary to draw a maximum response. This was proven several times, and it became obvious that many people with only a moderate initial interest level would not comment or state opinions until they had read and digested information and formed a considered opinion.

A serious problem that arose on several occasions was that other sources of information (sometimes correct, sometimes misleading) became available between rounds of meetings and vied with staff material for credibility. In strongly contested cases, this can turn opinion against a recommendation, and for this reason it was important for staff to distribute consistent "baseline" informational materials as widely as possible.

Efforts were made to respond to initial comments at subsequent meetings and, where possible, the focus was shifted to correspond to the range of citizen responses. This was not always possible, but it was found that because of the efforts to provide hand-out information and graphic presentations during initial meetings, the positions expressed at subsequent meetings were at least usually directed toward the relevant issues. This was a detriment to some projects since it enabled a more concentrated project opposition, but it seemed to eliminate a portion of the potential confusion in the process.

The Citizens Advisory Committee perhaps summed up the public involvement process best in their public hearing testimony to the L-COG Board of Directors when they said, "public involvement, like the democratic process itself, does not always provide efficiency in government, but most citizens feel their right to be heard is quite important even if, or especially if, it slows governmental action."

GR:jw:I-1009
12/19/77

ROBERT W. STRAUB
GOVERNOR



OFFICE OF THE GOVERNOR
STATE CAPITOL
SALEM, OREGON 97310

June 28, 1978

Mr. Donald P. Dubois
Regional Administrator
U. S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, WA 98101

Dear Mr. Dubois:

The Department of Environmental Quality has completed the review of the Columbia Region Association of Governments 208 Water Quality Management Plan. Based on this review and the Department's recommendations, I am hereby certifying the plan and designating management agencies for planning and implementation.

The plan emphasizes control of municipal wastes, urban stormwater runoff management and combined sewer overflows. Emphasis on these waste sources is consistent with the Department's identified water quality needs in the 208 planning area.

The plan has been found to be in conformance with the Department's approved planning process. The process utilized to develop the plan was reviewed and approved by the Department prior to plan initiation.

The plan will be accepted as a detailed portion of the water quality management strategy for the state. Specifically, the plan will be approved by the Environmental Quality Commission as a part of the Department's Water Quality Management Plan. The tentative approval date is October 1978.

The plan is generally in conformance with applicable state and local regulations governing land use and protection of the environment. However, as soon as practicable, after urban growth boundaries are established and approved by the Columbia Region Association of Governments and the Land Conservation and Development Commission for Clackamas, Multnomah and Washington Counties and the cities within these counties, the plan must be reviewed. If necessary, the plan must be changed to conform with the approved urban growth boundaries.

Mr. Donald P. Dubois
June 28, 1978
Page 2

Management agencies for planning and implementation are identified in Attachment A, Item G, Allocation of Responsibility, for each plan element. Management agencies are further identified in the Columbia Region Association of Governments Public Facilities and Services Element Part 1: Waste Treatment Management Component. This element is presented as Attachment B. It will be adopted by the Columbia Region Association of Governments Board of Directors in June 1978. The designated management agencies have adequate authority to implement the plans and meet federal requirements set forth in 40 CFR 131.11(0).

Particular attention should be given to the allocation of responsibility. This element presents the agreed upon division of planning responsibility and authority between the Department and the Columbia Region Association of Governments pertinent to 208 water quality planning. This allocation of responsibility will be subject to annual review.

Attachment A endeavors to provide a brief overview of the plan. In particular the attachment gives an indication of the status of both point and non-point waste sources in the planning area. Water pollution problems are identified along with the agency commitments to address the problems. The major accomplishments are summarized. Plan approval is indicated where applicable. Additional planning which should be undertaken is identified. Finally, the above mentioned allocation of responsibility both for planning and implementation is presented.

Sincerely,

Governor

RWS:aes
Attachment

SEWAGE WORKS MASTER PLAN

A. IDENTIFIED PROBLEM

1. Lack of true regional analysis of treatment and disposal in the CRAG area. Need to extend planning time frame to provide orderly expansion of collection and treatment consistent with emerging comprehensive plan.
2. The 1969 CRAG Plan was outdated.
3. There appeared to be a strong possibility for sewage treatment plant consolidation.
4. There were apparent water pollution problems in the Tualatin River and small urban streams.
5. There was no direct relationship between water quality planning and regional land use planning in the CRAG area.

B. COMMITMENTS

1. Develop sewerage works master plan, to accommodate growth, and consistent with the comprehensive plan.
2. Identify service areas for collection and treatment.
3. Identify effluent disposal sites and methods for Washington County.
4. Identify areas where regionalization appeared feasible.
5. Identify management agencies.

C. ACCOMPLISHMENTS

1. Adopted regional goals and objectives.
2. Adopted regional land use framework element of CRAG's comprehensive plan.
3. Adopted Growth Management Strategy (strategy for identification of service areas for local jurisdictions including water, sewer, drainage, schools, policy, fire and others).
4. Adopted population projections and allocation for service areas.
5. Report on uniqueness of CRAG.
6. Consortium planning agreement signed by Troutdale, Gresham and Multnomah County to study regionalization in East Multnomah County.
7. Partial moratorium agreement signed by USA and Sherwood, Tualatin and King City to restrict sewer extension outside of cities until urban growth boundaries adopted.

SEWAGE WORKS MASTER PLAN

C. ACCOMPLISHMENTS
(continued)

8. Hillsboro signed agreement with USA for membership as a result of regionalization proposal.
9. Adopted sewerage system planning areas.
10. Identified 5 year capital improvement program and 20 year needs list.

D. CERTIFICATION/
APPROVAL

Conditional

E. WORK TO BE
COMPLETED

1. Adopt Sewerage Works Master Plan - June 1978.
2. Complete analysis of proposals for STP consolidation and regionalization.
3. Adopt effluent disposal plan for Washington County - June 1978.
4. Adopt management agency designations - June 1978.
5. Adopt treatment and collection system service areas - June 1978.

F. NEW PLANNING
ELEMENT

None identified.

G. ALLOCATION OF
RESPONSIBILITY

1. Designated management agencies for 201 planning and implementation - agencies and jurisdictions identified in CRAGS's Public Facilities and Services Element, Part 1: Waste Treatment Management Component (see also Attachment B).
2. Revisions to and updates of Master Plan - CRAG.
3. New planning tasks pertinent to Master Plan - CRAG.
4. Water quality standards, 303e planning elements - DEQ.

SLUDGE DISPOSAL MANAGEMENT

A. IDENTIFIED PROBLEM

1. Lack of regional sludge disposal management plan.
2. No sludge handling facilities at Troutdale and Wilsonville.
3. Portland is at capacity, implementation program not accepted. Gresham is nearing capacity.

B. COMMITMENTS

Develop regional sludge disposal management plan, excluding Portland and USA (Durham) treatment areas. Portland and Durham covered by ongoing 201 studies.

C. ACCOMPLISHMENTS

1. Proposed sludge disposal plan as a part of the Sewerage Works Master Plan.
2. Identified site areas generally acceptable for land disposal.
3. Recommendations to truck liquid digested sludge to rural agricultural areas for disposal on land as a soil supplement.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

1. EPA acceptance of Portland sludge disposal plan.
2. CRAG adopt Sludge Disposal Management component of Sewerage Works Master Plan - June 1978.

F. NEW PLANNING ELEMENTS

None identified.

G. ALLOCATION OF RESPONSIBILITY

1. Planning - revisions and updates - CRAG.
2. Implementation - the designated management agencies and jurisdictions are identified in CRAG's Public Facilities and Services Element, Part I: Waste Treatment Management Component(see also Attachment B).

URBAN STORMWATER RUNOFF

A. IDENTIFIED PROBLEM

1. Extent of urban stormwater as a pollution problem not identified.
2. No analysis on plans for treatment and control of urban stormwater in the CRAG planning area.

B. COMMITMENTS

1. Quantify the extent of the stormwater runoff pollution and the stormwater runoff.
2. Develop conceptual alternatives to treat and control the runoff.

C. ACCOMPLISHMENTS

1. Computer simulation of rainfall/runoff relationships.
2. Bacteria and sediment found in the runoff.
3. Proposed non-structural alternatives.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

USGS to complete final interpretive report covering rainfall/runoff monitoring.

F. NEW PLANNING ELEMENTS

CRAG has submitted a proposal to continue the urban runoff project. Subject to federal funding, the tasks would entail the following work:

1. Quantify water quality impacts of urban runoff.
2. Develop on-site detention measures as indicated by problem quantification.
3. Develop control for pollution abatement from construction sites.
4. Develop model ordinances for management/implementation.

If funded, the above tasks should be initiated by about October 1978 and completed by October 1981.

G. ALLOCATION OF RESPONSIBILITY

1. Planning - CRAG
2. Implementation - to be determined.

COMBINED SEWER OVERFLOWS

A. IDENTIFIED PROBLEM

There are substantial overflows of raw waste from the City of Portland's combined sewer system during periods of heavy rain. An estimated 30% of the waste load in the Willamette River comes from combined sewer overflows. There is a lack of quantifiable data to show the amount of waste, waste characteristics and impact on the river.

B. COMMITMENTS

1. Quantify the amount of waste and water characteristics resulting from combined sewer overflows.
2. Propose conceptual alternatives to control continued sewer overflows.

C. ACCOMPLISHMENTS

1. Computer modeling of rainfall runoff and overflow relationships.
2. Waste loadings and waste composition estimated.
3. Four conceptual alternatives developed.
4. Proposed NPDES Permit Modification to better manage combined sewers.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE COMPLETED

None identified.

F. NEW PLANNING ELEMENTS

Crag has submitted a proposal to continue the combined sewer overflow project. Subject to federal funding CRAG will develop combined sewer overflow control measures which can be implemented to reduce the strength and quantity of pollution from this service. Prior to initiation of this project the following issues must be resolved:

1. EPA policy in construction grants to abate pollution from combined sewer overflows.
2. DEQ policy on combined sewer overflows as a part of its statewide water quality management program. This policy should be described in the City of Portland's NPDES Permit Conditions.

G. ALLOCATION OF RESPONSIBILITY.

1. Planning - CRAG/City of Portland
2. Implementation - City of Portland.

SEPTIC TANK MANAGEMENT

A. IDENTIFIED
PROBLEM

There are identified septic tank problem areas, particularly in rural and natural resource areas of CRAG's 208 planning area.

B. COMMITMENTS

Septic tank management was not included in CRAG's initial 208 plan.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

CRAG has submitted a proposal, subject to federal funding, to develop a management program to reduce the pollution from septic tank-drainfield systems in the CRAG region. If funded, the management program should be initiated by about October 1978 and complete by October 1981.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - CRAG
2. Implementation - individual counties.

CONSTRUCTION

A. IDENTIFIED
PROBLEM

Construction related pollution problems have not been identified or assessed.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

CRAG has submitted a proposal, subject to federal funding, to characterize the nature and extent of problems caused by pollutants from construction, and develop management programs for the control of these pollutants. If funded, the management program should be initiated by about October 1978 and complete by October 1981.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - CRAG/DEQ
2. Implementation - to be determined.

NONPOINT SOURCES
(Tualatin River)

A. IDENTIFIED
PROBLEM

Nonpoint sources of waste are suspected to be a major source of pollution in the Tualatin River.

B. COMMITMENTS

Conduct sampling program to determine if nonpoint sources of waste are a significant cause of pollution in the Tualatin River.

C. ACCOMPLISHMENTS

The sampling program concluded that the Tualatin River was nutrient enriched from background sources but was not polluted from identified nonpoint sources of waste.

D. CERTIFICATION/
APPROVAL

Full

E. WORK TO BE
COMPLETED

None identified.

F. NEW PLANNING
ELEMENTS

None identified.

G. ALLOCATION OF
RESPONSIBILITY

DEQ is responsible for the ongoing sampling program in the Tualatin River and for management of the river.

NONPOINT SOURCES
(Silviculture)

A. IDENTIFIED
PROBLEM

Not a part of the initial CRAG 208 plan.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - DEQ

2. Implementation -

a. State and private forest lands -
OSFD

b. Federal forest lands - BLM, USFS.

NONPOINT SOURCES
(Agriculture)

A. IDENTIFIED
PROBLEM

Not a part of the initial CRAG 208 plan.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Investigate need for nonpoint source planning in
CRAG area under DEQ statewide program.

G. ALLOCATION OF
RESPONSIBILITY

1. Planning - DEQ
2. Implementation - to be determined.

MINING

A. IDENTIFIED
PROBLEM

None, mining is not a pollution problem in
the CRAG area.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable, mining is not a pollution problem
in the CRAG area.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

HYDROLOGIC MODIFICATIONS

A. IDENTIFIED
PROBLEM

None. There are no known problems resulting from hydrologic modifications.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. There are no known problems resulting from hydrologic modifications.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

SALT WATER INTRUSION

A. IDENTIFIED
PROBLEM

None. There are no known problems resulting from salt water intrusion.

B. COMMITMENTS

Not applicable.

C. ACCOMPLISHMENTS

Not applicable.

D. CERTIFICATION/
APPROVAL

Not applicable. There are no known problems resulting from salt water intrusion.

E. WORK TO BE
COMPLETED

Not applicable.

F. NEW PLANNING
ELEMENTS

Not applicable.

G. ALLOCATION OF
RESPONSIBILITY

DEQ

PUBLIC PARTICIPATION

A. IDENTIFIED PROBLEM

Past regional planning efforts pertinent to water quality in the CRAG area have been largely unsuccessful. The lack of success has been due, in part, to lack of adequate public participation.

B. COMMITMENTS

CRAG committed to develop and implement a public participation program.

C. ACCOMPLISHMENTS

1. CRAG disseminated information regarding the 208 program through brochures, newsletters, visual aids, press releases, newspaper and television coverage.
2. CRAG developed an extensive committee structure to solicit public input.
3. CRAG held numerous public meetings to solicit public input.
4. Public input was utilized on plan formulation.

D. CERTIFICATION/ APPROVAL

Conditional

E. WORK TO BE DONE

None identified.

F. NEW PLANNING ELEMENTS

Public involvement should be included in all new planning elements.

G. ALLOCATION OF RESPONSIBILITY

CRAG

PUBLIC FACILITIES and SERVICES ELEMENT

PART I:
WASTE TREATMENT
MANAGEMENT COMPONENT
COLUMBIA REGION ASSOCIATION OF GOVERNMENTS
PUBLIC FACILITIES AND SERVICES ELEMENT

PART I: WASTE TREATMENT MANAGEMENT COMPONENT

TEXT

ARTICLE I. INTENT AND POLICIES

SECTION 1. INTENT: The Waste Treatment Management Component is a portion of the Public Facilities and Services Element of the Regional Plan pursuant to Regional Objective II, "Planning Processes", and to Section 3 of the Rules Adopting and Implementing the Columbia Region Association of Governments' (CRAG) Goals and Objectives. This document is intended to:

(A) Address and implement portions of the following Regional Objectives:

- (1) Objective II, Section 1b (Plan Documents).
- (2) Objective III, Section 1a (Maintain Quality).
- (3) Objective III, Section 1b (Future Discharges).
- (4) Objective IV, Section 2b (Capital Improvement Programs).
- (5) Objective IX, Section 1a (Support of Development).
- (6) Objective IX, Section 1b (Public Facilities).
- (7) Objective IX, Section 1c (Public Services).
- (8) Objective IX, Section 2a (Local Cooperation).
- (9) Objective IX, Section 2b (Facilities Inventory).
- (10) Objective IX, Section 2c (Capital Improvement Programs).
- (11) Objective IX, Section 2d (Fiscal Capacity).

EDMUND A. JORDAN, JR.
ATTORNEY AT LAW
527 S. W. HALL STREET
PORTLAND, OREGON 97201
TELEPHONE 221-1646

1 (12) Objective IX, Section 2c (Facilities in Natural
2 Resource Classifications).

3 (B) Address portions of State Planning Goals #6 (Air, Water
4 and Land Quality) and #11 (Public Facilities and Services).

5 (C) Establish a structure within which staging of regional
6 wastewater management facilities for a minimum of twenty (20)
7 years can be accomplished by local jurisdictions in conformance
8 with the Regional Plan.

9 (D) Provide a means for coordination of Part I of this
10 Element with regional and local jurisdiction plans.

11 (E) Establish a priority setting structure for water quality
12 needs within the CRAG region.

13 (F) Establish an interim structure for wastewater management
14 services until implementation of the Growth Management Strategy
15 is complete, at which time appropriate changes will be made in
16 this Plan, if necessary. Changes may include, but not be limited
17 to, boundary delineations for management agencies.

18 SECTION 2. ASSUMPTIONS: Part I of the Public Facilities
19 and Services Element is based upon the following assumptions:

20 (A) Publicly owned wastewater management facilities will
21 serve only those geographical areas as deemed appropriate in the
22 adopted Land Use Framework Element.

23 (B) All wastewater facilities will be designed and operated
24 in conformance with regional, state and federal water quality
25 standards and regulations, and with due consideration for the
26 groundwater resources of the area.

1 (C) Identification of a local jurisdiction's responsibility
2 to provide wastewater management facilities in a geographical
3 area will not be construed as a requirement to provide immediate
4 public services.

5 (D) Any land use related action or any action related to
6 development or provision of a public facility or service may be
7 reviewed by the CRAG Board of Directors for consistency with this
8 Element of the Regional Plan. The Board of Directors will accept
9 for review only such actions which are of regional significance
10 or which concern areas or activities of significant regional
11 impact.

12 (E) The control of waste and process discharges from privately
13 owned industrial wastewater treatment facilities not discharging
14 to a public sewer is the responsibility of the State of Oregon.

15 (F) Because the need for wastewater treatment facilities
16 is based on population, employment and waste load projections
17 which cannot be estimated with certainty, use of such projections
18 must be limited to a best effort evaluation. To ensure that
19 these projections are sufficiently reliable, a monitoring process
20 will be established to regularly compare the projected values
21 with both actual values and new projections as they are produced
22 by CRAG studies. The projections are subject to revision to
23 achieve consistency with actual conditions and new adopted projections
24 in accordance with the Rules, Section 9, Continuing Planning
25 Process.

EDMUND A. JORDAN, JR.
ATTORNEY AT LAW
527 S. W. HALL STREET
PORTLAND, OREGON 97201
TELEPHONE 231-1646

26

1 SECTION 3. POLICIES AND PROCEDURES: The Waste Treatment
2 Management Component, Part I of the Public Facilities and Services
3 Element, includes the following policies and procedures:

4 (A) An annual Capital Improvement Program for the Oregon
5 portion of the CRAG region shall be compiled for use by member
6 jurisdictions in planning and coordination of local wastewater
7 treatment facilities.

8 (B) Part I of the Public Facilities and Services Element
9 will be reviewed and updated annually and submitted to the Governor
10 for certification no later than the 30th of June each year.

11 (C) Projects receiving review under A-95 OMB circular shall
12 be given positive comment only if in conformance with this Element.

13 (D) Treatment plants shall be programmed for modification
14 only when one or more of the following conditions will exist:

- 15 (1) Dry weather flow exceeds plant capacity;
16 (2) Life of plant is reached;
17 (3) Wet weather flow exceeds plant capacity and I/I
18 study results indicate wet weather flow should be
19 treated;
20 (4) Organic loadings reach critical stage in plant
21 operation as determined by the Oregon Department of
22 Environmental Quality;
23 (5) Facility Plan underway at the time of adoption of
24 Part I of this Element; ~~or~~
25 (6) CRAG Board of Directors determines modification to
26 be necessary;

1 (7) Effluent flows result in an adverse effect on
2 groundwater resources; or

3 (8) New treatment standards are adopted.

4 (E) Operating agencies, so designated by Part I of this
5 Element shall conduct or provide such services as are mutually
6 agreed upon with all management agencies which provide services
7 to the same geographical area.

8 (F) The Waste Treatment Management Component of the Public
9 Facilities and Services Element is based on a large body of
10 information, including technical data, observations, findings,
11 analysis and conclusions, which is documented in the following
12 reports:

13 (1) Volume 1--Proposed Plan.

14 (2) Volume 2--Planning Process.

15 (3) Technical Supplement 1--Planning Constraints.

16 (4) Technical Supplement 2--Water Quality Aspects of
17 Combined Sewer Overflows, Portland, Oregon.

18 (5) Technical Supplement 3--Water Quality Aspects of
19 Urban Stormwater Runoff, Portland, Oregon. (In summary form
20 at the time of this component's adoption.)

21 (6) Technical Supplement 4--Analysis of Urban Stormwater
22 Quality from Seven Basins Near Portland, Oregon. (In summary
23 form at time of this component's adoption.)

24 (7) Technical Supplement 5--Oxygen Demands in the
25 Willamette.

26

1 (8) Technical Supplement 6--Improved Water Quality in
2 the Tualatin River, Oregon, Summer 1976.

3 (9) Technical Supplement 7--Characterization of Sewage
4 Waste for Land Disposal Near Portland, Oregon.

5 (10) Technical Supplement 8--Sludge Management Study.

6 (11) Technical Supplement 9--Sewage Treatment Through
7 Land Application of Effluents in the Tualatin River Basin.

8 (12) Technical Supplement 10--Institutional, Financial
9 and Regulatory Aspects.

10 (13) Technical Supplement 11--Public Involvement.

11 (14) Technical Supplement 12--Continuing Planning
12 Process.

13 This support documentation shall be used as a standard of
14 comparison by any person or organization proposing any facilities
15 plan or action related to the provision of public facilities and
16 services.

17 (G) CRAG shall review state approved facilities plans for
18 compliance with the Regional Comprehensive Plan. Upon acknowledg-
19 ment of compliance, the approved facilities plan shall be incor-
20 porated by amendment to this Component and all appropriate support
21 documents pursuant to Section 9 of the Rules for Implementation
22 of the Waste Treatment Management Component of the Public Facili-
23 ties and Services Element.

24 ARTICLE II. BOUNDARY AND ALIGNMENT INTERPRETATION

25 SECTION 1. Boundaries and alignments appearing on maps
26 contained in the Wastewater Treatment Management Component are of

1 two types with respect to the level of specificity. They are:

2 (A) Type 1. Boundaries and alignments fully specified
3 along identified geographic features such as rivers and roads or
4 other described or legal limits such as section lines and district
5 boundaries. Such boundaries and alignments appear on the Waste
6 water Treatment Management Maps as solid lines. Unless otherwise
7 specified, where a Type 1 line is located along a geographic
8 feature such as a road or river, the line shall be the center of
9 that feature.

10 (B) Type 2. Boundaries and alignments not fully specified
11 and not following identified geographic features. Such lines
12 will be specified by local jurisdiction plans. Such lines appear
13 on the Wastewater Treatment Management Maps as broken lines.

14 ARTICLE III. DEFINITIONS

15 Terms used in this text employ the same definitions as those
16 contained in the CRAG Goals and Objectives unless otherwise
17 defined herewithin:

18 (A) Collection System. A network of sewer pipes for the
19 purpose of collecting wastewater from individual sources.

20 (B) Combined Sewer. A sewer which carries both sewage and
21 storm water run-off.

22 (C) Effluent. The liquid that comes out of a treatment
23 plant after completion of the treatment process.

24 (D) Facilities Plan. Any site-specific plan for wastewater
25 management treatment facilities. Said Plan shall be equivalent
26 to those prepared in accordance with Section 201 of P.L.92-500.

1 (E) Interceptor. A major sewerage pipeline with the purpose
2 of transporting waste from a collection system to the treatment
3 facility, also a transmission line.

4 (F) Land Application. The discharge of wastewater or
5 effluent onto the ground for treatment or reuse, including irriga-
6 tion by sprinkler and other methods.

7 (G) Pollution. Such contamination or other alteration of
8 the physical, chemical or biological properties of any waters of
9 the state, including change in temperature, taste, color, turbidity,
10 silt or odor of the waters, or such radioactive or other substance
11 into any waters of the state which either by itself or in connec-
12 tion with any other substance present, will or can reasonably be
13 expected to create a public nuisance or render such waters harmful,
14 detrimental or injurious to public health, safety or welfare, or
15 to domestic, commercial, industrial, agricultural, recreational
16 or other legitimate beneficial uses or to livestock, wildlife,
17 fish or other aquatic life or the habitat thereof.

18 (H) Sanitary Sewers. Sanitary sewers are pipes that carry
19 only domestic and industrial wastewater.

20 (I) Sewage. Refuse liquid or waste normally carried off by
21 combined or sanitary sewers.

22 (J) Sewers. A system of pipes that collect and deliver
23 wastewater to treatment plants or receiving streams.

24 (K) Sludge. The solid matter that settles to the bottom,
25 floats, or becomes suspended in sedimentation tanks of a waste-
26 water treatment facility.

1 (L) Step 2 Construction Grant. Money for preparation of
2 construction drawings and specifications of major wastewater
3 treatment facilities pursuant to Public Law 92-500, Section 201.

4 (M) Step 3 Construction Grant. Money for fabrication and
5 building of major wastewater treatment facilities pursuant to
6 Public Law 92-500, Section 201.

7 (N) Treatment Plant. Any devices and/or systems used in
8 storage, treatment, recycling and/or reclamation of municipal
9 sewage or industrial wastes of a liquid nature wastewater.

10 (O) Wastewater. The flow of used water (see "Sewage").

11 (P) Wastewater Treatment Facility. Any treatment plants,
12 intercepting sewers, outfall sewers, pumping, power and other
13 equipment and their appurtenances; any works, including land that
14 will be an integral part of the treatment process or is used for
15 ultimate disposal of residues resulting from such treatment; or,
16 any other method or system for preventing, abating, reducing,
17 storing, treating, separating or disposing of municipal waste,
18 including stormwater runoff, or industrial waste, waste in combined
19 stormwater and sanitary sewer systems.

20 ARTICLE IV. AREAS OF RESPONSIBILITY

21 SECTION 1. TREATMENT SYSTEM SERVICE AREAS

22 (A) General. Geographical areas provided service by sewage
23 treatment plants within the CRAG region are designated on the
24 Treatment System Service Area Map, incorporated by reference
25 herein.

26 (B) Policies. All planning and/or provision of service by

EDMUND A. JORDAN, Jr.
Attorney at Law
527 S. W. Hall Street
Portland, Oregon 97201
Telephone 221-1646

1 each treatment plant must be consistent with the Treatment System
2 Service Area Map.

3 SECTION 2. COLLECTION SYSTEM SERVICE AREAS

4 (A) General. Geographical areas provided service by waste-
5 water collection facilities of local agencies within the CRAG
6 region are designated on the Collection System Service Area Map,
7 and incorporated by reference herein.

8 (B) Policies. All local sewage collection planning and/or
9 provision of service must be consistent with the Collection
10 System Service Area Map.

11 ARTICLE V. IMPLEMENTING AGENCIES

12 SECTION 1. MANAGEMENT AGENCIES

13 (A) Designated management agencies shall include the
14 following:

15 (1) Operating agency, with the following authorities
16 or responsibilities:

17 (a) Coordination with CRAG during formulation,
18 review and update of the Public Facilities and Services
19 Element;

20 (b) Conducting facilities planning consistent
21 with the terms and conditions of this Component;

22 (c) Constructing, operating and maintaining waste
23 treatment facilities as provided in this Component,
24 including its capital improvement program;

25 (d) Entering into any necessary cooperative
26 arrangements for sewage treatment or sludge management

1 to implement this Component;

2 (e) Financing capital expenditures for waste
3 treatment;

4 (f) Developing and implementing a system of just
5 and equitable rates and charges pursuant to federal and
6 state law;

7 (g) Implementing recommended systems development
8 charges or connection fee policies, if any; and

9 (h) Enacting, enforcing, or administering regula-
10 tions or ordinances to implement non-structural controls.

11 (2) Planning agency: For the purposes of this section,
12 planning shall be defined to include regional planning and
13 comprehensive land use planning. Agencies and their intended
14 planning functions are as follows:

15 (a) Local Management Agencies: Local management
16 agencies, as defined in Article V, shall have responsi-
17 bility for waste treatment management planning within
18 the CRAG region as follows:

19 (i) Coordination with CRAG to ensure that
20 facilities planning and management activities
21 conform to this Element;

22 (ii) Coordination with CRAG and DEQ in the
23 grant application, capital improvement programming,
24 project prioritization and continuing planning
25 process;

26 (iii) Preparation of master plans, capital

1 improvement programs and project priorities
2 lists; and

3 (iv) Participation in a planning consortium
4 to conduct 201 Step 1 facility planning for plant
5 expansions within a designated Treatment System
6 Study Area. Agencies affected by a proposed
7 regional alternative shall form a consortium,
8 deliberate and designate a lead agency to under-
9 take an investigation of the regional alternative
10 in light of any proposed non-regional plant expan-
11 sion. Any such agency shall notify CRAG of its
12 intent to form a consortium. If, after 90 days of
13 such notification a consortium has not been formed
14 and a lead agency has not been designated, CRAG
15 shall assume the lead agency role, or designate a
16 lead agency. If, by mutual agreement of the
17 affected local jurisdictions and CRAG, an extension
18 of time is necessary, the 90 day time limit may be
19 extended.

20 (b) Columbia Region Association of Governments
21 (CRAG): CRAG shall be designated as the planning
22 agency for areawide waste treatment management planning,
23 with responsibility for:

24 (i) Operating the continuing planning process
25 or the process by which the Waste Treatment Manage-
26 ment Component will be kept responsive to changing

1 information, technology and economic conditions;

2 (ii) Maintaining coordination between:

3 (aa) All appropriate state agencies,
4 including DEQ, on matters such as discharge
5 permits, water quality standards and grant
6 evaluation procedures;

7 (bb) All CRAG member jurisdictions on
8 matters such as review of local agency grant
9 applications and local agency plans for
10 conformance to the Waste Treatment Management
11 Component;

12 (iii) Designation of management agencies as
13 required;

14 (iv) Carrying out or contracting for studies
15 to identify water quality problems and recommended
16 means of control;

17 (v) Receiving grants and other revenues for
18 planning purposes; and

19 (vi) CRAG shall be responsible for comprehen-
20 sive land use planning including waste treatment
21 management planning under ORS 197.

22 (c) Department of Environmental Quality (DEQ)
23 shall have responsibility for waste treatment management
24 planning within the CRAG region in the following areas:

25 (i) Coordination with CRAG to ensure that
26 this Element is in conformance with the Statewide

1 (303e) Plan.

2 (ii) Coordination with CRAG and local agencies
3 to set grant and capital improvement priorities
4 and administer grant programs.

5 (iii) Determination of statewide standards and
6 regulations applicable to the CRAG region.

7 (iv) Other areas as prescribed by state law.

8 (d) Metropolitan Service District (MSD): MSD
9 shall have responsibility for developing and implementing
10 plans for processing, treatment and disposal of solid
11 waste within MSD boundaries.

12 (3) Regulatory agency: For the purposes of this
13 section, regulation shall mean to identify problems and to
14 develop and enforce consistent solutions to those problems.
15 Agencies and their regulatory responsibilities for the
16 Public Facilities and Services Element are as follows:

17 (a) Local Agencies: Regulation of waste treatment
18 management through the enforcement of building code
19 provisions, construction practices, sewer use regulations,
20 zoning ordinances, land use plans, pretreatment require-
21 ment (where appropriate), grant and loan conditions
22 (where appropriate), and all other local regulations
23 affecting water quality.

24 (b) Columbia Region Association of Governments
25 (CRAG): CRAG shall perform the following regulatory
26 functions in the area of waste treatment management:

1 (i) Develop, ~~monitor~~ enforce and implement
2 the Public Facilities and Services Element by
3 means of:

4 (aa) Review and coordination of grants
5 and loans for waste treatment facilities.

6 (bb) Conduct or contract for studies on
7 non-point source controls and septic tank
8 maintenance with recommended improvements
9 being incorporated in the Plan.

10 (cc) Coordination with local and state
11 agencies.

12 (ii) Ensure conformance of local wastewater
13 planning to Part I of the Public Facilities and
14 Services Element.

15 (c) Department of Environmental Quality (DEQ):
16 Regulatory functions of DEQ for waste treatment manage-
17 ment in the CRAG region are as follows:

18 (i) Develop and monitor water quality stan-
19 dards consistent with state and federal regulations.

20 (ii) Control of the location, construction,
21 modification and operation of discharging facilities
22 through the discharge permit process and through
23 administration of the State's water laws.

24 (iii) Review and approval of grants and loans
25 for waste treatment facilities.

26 (iv) Other functions as provided by state

1 law.

2 (d) Metropolitan Service District (MSD): Regula-
3 tion of all solid waste disposal within MSD boundaries
4 and other functions as may be assumed by the MSD Board
5 of Directors.

6 (e) Department of Agriculture (DA): The applica-
7 tion of pesticides is within the regulatory powers of
8 the DA pursuant to ORS 634.

9 (f) Department of Forestry (DF): The DF shall be
10 responsible for the enforcement of the Forest Practices
11 Act, ORS 527.

12 (g) Portland Metropolitan Area Local Government
13 Boundary Commission (LGBC): The LGBC is responsible
14 for regulating sewer extension policies outside local
15 jurisdictional boundaries within the CRAG region and
16 for formation of new governmental entities.

17 (B) Designated management agencies and their classifications
18 are listed below. Some designations are subject to resolution of
19 Study Areas.

MANAGEMENT AGENCY CLASSIFICATIONS

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| <u>Management Agency</u> | <u>Operating*</u> | <u>Planning</u> | <u>Regulatory</u> |
|--------------------------------------|-------------------|-----------------|-------------------|
| Banks | C | X | X |
| Barlow | T,C | X | X |
| Beaverton | C | X | X |
| Canby | T,C | X | X |
| Cornelius | C | X | X |
| Durham | C | X | X |
| Estacada | T,C | X | X |
| Fairview | C | X | X |
| Forest Grove | C | X | X |
| Gaston | C | X | X |
| Gladstone | C | X | X |
| Gresham | T,C | X | X |
| Happy Valley | T,C | X | X |
| Hillsboro | T,C | X | X |
| Johnson City | C | X | X |
| King City | C | X | X |
| Lake Oswego | T,C | X | X |
| Maywood Park | T,C | X | X |
| Milwaukie | C | X | X |
| Molalla | T,C | X | X |
| North Plains | C | X | X |
| Oregon City | T,C | X | X |
| Portland | T,C | X | X |
| Rivergrove | C | X | X |
| Sandy | T,C | X | X |
| Sherwood | C | X | X |
| Tigard | C | X | X |
| Troutdale | T,C | X | X |
| Tualatin | C | X | X |
| West Linn | T,C | X | X |
| Wilsonville | T,C | X | X |
| Wood Village | C | X | X |
| Clackamas County | NA T,C | X | X |
| Multnomah County | NA F,C | X | X |
| Washington County | NA T,C | X | X |
| Ara Vista County S.D. | C | X | X |
| Central Multnomah County S.D. | T,C | X | X |
| Clackamas County S.D. #1 | T,C | X | X |
| Columbia Wilcox CSD | C | X | X |
| Dunthorpe-Riverdale County S.D. | C | X | X |
| Government Camp Sanitary District | T,C | X | X |
| Highlands County S.D. | C | X | X |

EDWARD A. JORDAN, Jr.
Attorney at Law
527 S. W. Hill Street
Portland, Oregon 97201
Telephone 221-1646

| | <u>Management Agency</u> | <u>Operating*</u> | <u>Planning</u> | <u>Regulatory</u> |
|---|---|-----------------------------|-----------------|-------------------|
| 1 | | | | |
| 2 | Oak Lodge Sanitary District | T,C | X | X |
| 3 | Sylvan Heights CSD | C | X | X |
| | Tualatin Heights CSD | C | X | X |
| 4 | Unified Sewerage Agency | T,C | X | X |
| | CRAG | NA | X | X |
| 5 | MSD | Solid Waste Facilities Only | X | X |
| 6 | State DEQ | NA | X | X |
| | Department of Agriculture | NA | NA | X |
| 7 | Department of Forestry | NA | NA | X |
| 8 | Portland Metropolitan Area Local Government | | | |
| 9 | Boundary Commission | NA | NA | X |

*T = Treatment System Operation
 C = Collection System Operation
 NA = Not Applicable



13 SECTION 2. NON-DESIGNATED AGENCIES: Agencies not designated
 14 as management agencies are not eligible for federal water pollution
 15 control grants except as may be provided elsewhere in this Component.

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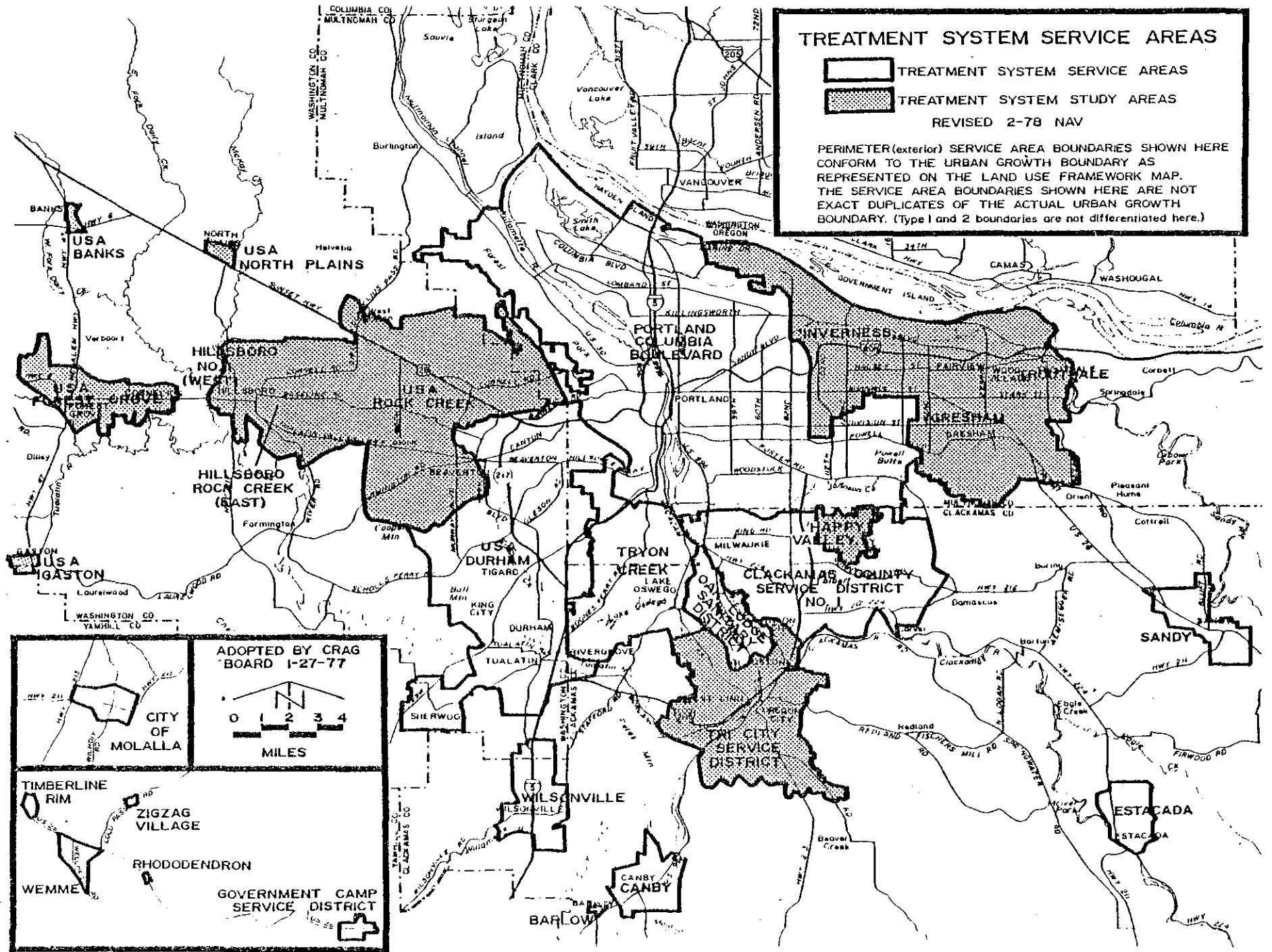
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EDMUND A. JORDAN, Jr.
 Attorney at Law
 527 S. W. Hill Street
 Portland, Oregon 97201
 Telephone 221-1646



TREATMENT SYSTEM SERVICE AREAS

-  TREATMENT SYSTEM SERVICE AREAS
 -  TREATMENT SYSTEM STUDY AREAS
- REVISED 2-78 NAV

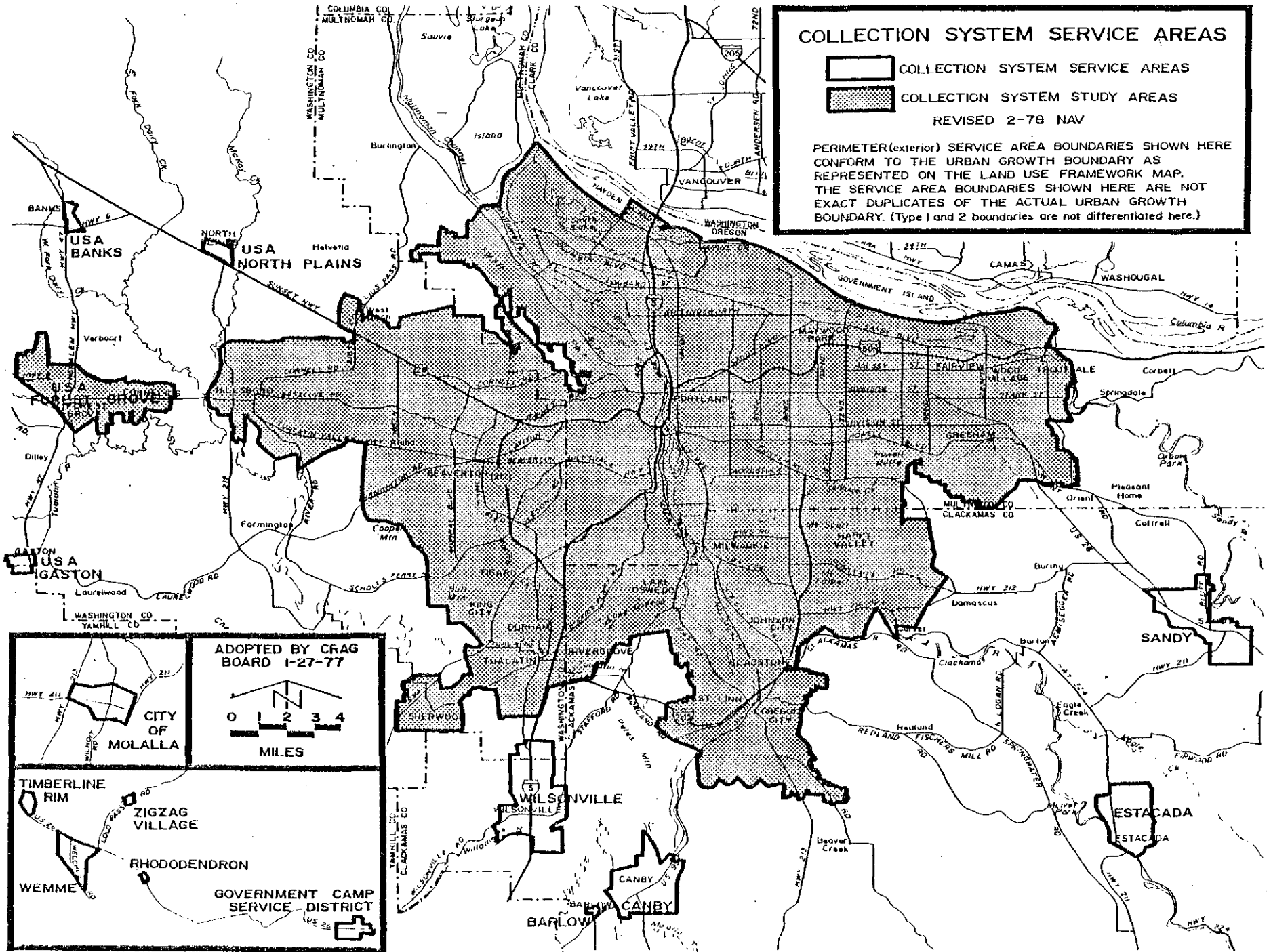
PERIMETER (exterior) SERVICE AREA BOUNDARIES SHOWN HERE CONFORM TO THE URBAN GROWTH BOUNDARY AS REPRESENTED ON THE LAND USE FRAMEWORK MAP. THE SERVICE AREA BOUNDARIES SHOWN HERE ARE NOT EXACT DUPLICATES OF THE ACTUAL URBAN GROWTH BOUNDARY. (Type 1 and 2 boundaries are not differentiated here.)



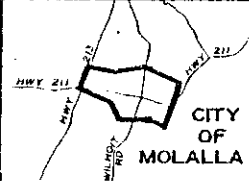
COLLECTION SYSTEM SERVICE AREAS

-  COLLECTION SYSTEM SERVICE AREAS
 -  COLLECTION SYSTEM STUDY AREAS
- REVISED 2-78 NAV


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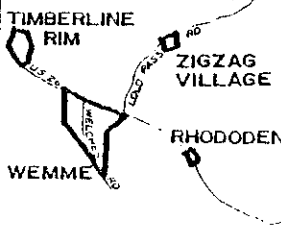
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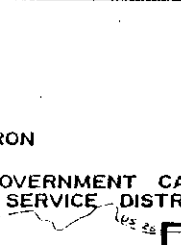
CITY OF MOLALLA



MILES



GOVERNMENT CAMP SERVICE DISTRICT



MILES

1 RULES FOR ADOPTION AND IMPLEMENTATION OF PART 1
2 WASTE TREATMENT MANAGEMENT COMPONENT OF THE
3 PUBLIC FACILITIES AND SERVICES ELEMENT
4 OF THE CRAG REGIONAL PLAN

5
6 SECTION 1. AUTHORITY AND PURPOSE

7 (A) These rules are adopted pursuant to ORS 197.735 (4) and
8 197.755 (2) for the purpose of adopting and implementing the
9 Waste Treatment Management Component of the Public Facilities and
10 Services Element of the CRAG Regional Plan, hereinafter referred
11 to as the "Waste Treatment Component". The Waste Treatment
12 Component shall include the Waste Treatment Management Component
13 Text, Treatment System Service Area Map and Collection System
14 Service Area Map.

15 (B) These rules shall become effective forty-five (45) days
16 after the date of adoption.

17 SECTION 2. ADOPTION

18 That document entitled the Public Facilities and Services
19 Element, Part 1, Waste Treatment Management Component, of the
20 CRAG Regional Plan, dated _____ a copy of which is
21 on file at CRAG offices, is hereby adopted and shall be implemented
22 as required in these rules and the Rules for Implementation of
23 the CRAG Regional Plan.

24 SECTION 3. CONFORMITY TO THE PUBLIC FACILITIES ELEMENT

25 Members shall not take any land use related action or any
26 action related to development or providing of public facilities

1 or services which are not in conformance with the Waste Treatment
2 Component or these Rules.

3 SECTION 4. REVIEW OF VIOLATIONS OF THE WASTE TREATMENT MANAGE-
4 MENT COMPONENT

5 (A) Any member, interested person or group may petition the
6 Board of Directors for review of any action, referred to in
7 Section 3 of these Rules, by any member within sixty (60) days
8 after the date of such action.

9 (B) Petitions filed pursuant to this section must allege
10 and show that the subject action is of substantial regional
11 significance and that the action violates the Waste Treatment
12 Component.

13 (C) Upon receipt of a petition for review, the Board of
14 Directors shall decide, without hearing, whether the petition
15 alleges a violation of the Waste Treatment Component and whether
16 such violation is of substantial regional significance and, if
17 so, shall accept the petition for review. The Board shall reach
18 a decision about whether to accept the petition within sixty (60)
19 days of the filing of such petition. If the Board decides not to
20 accept the petition, it shall notify the petitioner in writing of
21 the reasons for rejecting said petition. If the Board decides to
22 accept the petition, it shall schedule a hearing to be held
23 within thirty (30) days of its decision. A hearing on the peti-
24 tion shall be conducted in accordance with applicable procedural
25 rules.

26 (D) The decision on whether to accept a petition filed

1 under this section may be by vote or by poll and each Director
2 shall have one vote. Acceptance shall require a simple majority
3 of the Board of Directors. Acceptance shall require either a
4 simple majority of the Board with each Director having one vote
5 or a majority of the weighted votes of the Board.

6 (E) Upon receipt by CRAG of any petition filed pursuant to
7 this section, each member shall be notified of the petition and
8 of the essential elements of the petition. Such notice will be
9 sent within ten (10) days of filing.

10 SECTION 5. CHANGE OF WASTE TREATMENT MANAGEMENT COMPONENT

11 (A) Revisions in the Waste Treatment Component shall be in
12 accordance with procedural rules adopted by the General Assembly
13 pertaining to review and amendment of the Regional Plan.

14 (B) Mistakes discovered in the Waste Treatment Component
15 Text or Maps may be corrected administratively without petition,
16 notice or hearing. Such corrections may be made by order of the
17 Board upon determination of the existence of a mistake and of the
18 nature of the correction to be made.

19 SECTION 6. STUDY AREAS

20 (A) Treatment System Study Areas.

21 (1) Certain areas are designated on the Treatment
22 System Service Area Map as "Treatment System Study Areas".
23 Such designations are temporary and indicate areas requiring
24 designation of that land to which each member and special
25 district intends to provide wastewater treatment services,
26 as identified in an acceptable Facilities Plan.

1 (2) Wastewater treatment facilities within Treatment
2 System Study Areas shall be allowed only if:

3 (a) Required to alleviate a public health hazard
4 or water pollution problem in an area officially desig-
5 nated by the appropriate state agency;

6 (b) Needed for parks or recreation lands which
7 are consistent with the protection of natural resources
8 or for housing necessary for the conduct of resource-
9 related activities; or

10 (c) Facilities have received state approval of a
11 Step 1 Facilities Plan, as defined by the U.S. Environ-
12 mental Protection Agency regulations (Section 201, P.L.
13 92-500), prior to the effective date of these Rules.

14 (3) Facilities planning for a designated Treatment
15 System Study Area shall include investigation of the regional
16 alternative recommended in the support documents accepted by
17 the Waste Treatment Management Component. Such investigations
18 shall be conducted in accordance with Article V, Section 1,
19 (A) (2) (a) (iv) of the Waste Treatment Component Text.

20 (4) No federal or state grants or loans for design or
21 construction of any major expansion or modification of
22 treatment facilities shall be made available to or used by
23 agencies serving designated Treatment System Study Areas
24 until such time as a state approved Facilities Plan has been
25 completed.

26 (5) Upon completion of a Facilities Plan and acknow-

1 ledgment by CRAG of compliance with the Regional Comprehensive
2 Plan, a Treatment System Study Area shall become a designated
3 Treatment System Service Area and shall be eligible to apply
4 for Step 2 and Step 3 construction grants. The Treatment
5 System Service Area shall be incorporated by amendment to
6 the Waste Treatment Management Component and all appropriate
7 support documents pursuant to Section 9 of these Rules.

8 (B) Collection System Study Areas.

9 (1) Certain areas are designated on the Collection
10 System Service Area Map as "Collection System Study Areas".
11 Such designations are temporary and exist only until such
12 time as each member and special district designates that
13 land to which it intends to provide sewage collection services
14 pursuant to Section 8(d) of the Rules for Adoption of the
15 Land Use Framework Element. At the time of designation,
16 Collection System Study Areas shall become designated Collec-
17 tion System Service Areas. The Waste Treatment Management
18 Component and the appropriate support documents shall be
19 amended to incorporate the Collection System Service Area
20 pursuant to Section 9 of these Rules.

21 (2) Designation as a Collection System Study Area
22 shall not be construed to interfere with any grants or loans
23 for facility planning, design or construction.

24 SECTION 7. CAPITAL IMPROVEMENT PROGRAMS AND NEEDS LIST

25 (A) For the purpose of implementing Article I, Section 3(A)
26 of Part 1 of the Public Facilities and Services Element, all

1 designated management agencies shall submit to CRAG no later than
2 March 30 annually a five year Capital Improvement Program and a
3 20 year needs list by five year increments.

4 (B) Projects to be included on the five year Capital
5 Improvement Program and the 20 year needs list shall meet one or
6 more of the following criteria:

7 (1) Projects which are grant eligible under EPA '201'
8 facilities planning guidelines pursuant to federal regulations
9 40 CFR 35.900-35.960;

10 (2) Projects for which a management agency intends to
11 apply for state or federal funds; or

12 (3) Projects submitted for informational purposes by
13 the management agency.

14 (C) Projects submitted in either the five year Capital
15 Improvement Program or the 20 year needs list shall be accompanied
16 by the following information:

- 17 (1) Project description;
18 (2) Estimated completion date;
19 (3) Project cost and proposed funding source;
20 (4) Population serviced by project; and
21 (5) Waste flows projected for the project.

22 (D) Amendments and/or additions to the Capital Improvement
23 Program and related 20 year needs list may be requested by the
24 designated management agency from CRAG. Such requests must be
25 submitted in writing and include information as noted in Section
26 7(C). Amendments or additions may be summarily approved if in

1 compliance with Section 7(B) of these Rules.

2 SECTION 8. PROJECT PRIORITIZATION

3 CRAG shall review each publication of the DEQ grant priorities
4 list and shall comment thereon.

5 SECTION 9. CONTINUING PLANNING PROCESS

6 (A) For the purpose of implementing Article V, Section 1
7 (A)(2)(b)(i) of the Waste Treatment Management Component, the
8 continuing planning process shall follow, but not be limited to,
9 the procedure shown below.

10 (1) Evaluation of new information with respect to its
11 impact on the Waste Treatment Management Component. Component
12 changes shall be based upon:

13 (a) Changes in custody, maintenance and/or distri-
14 bution of any portion of the Waste Treatment Component;

15 (b) Changes in population forecasts and/or waste-
16 load projections;

17 (c) Changes in state goals or regional goals or
18 objectives;

19 (d) Changes in existing treatment requirements;

20 (e) Implementation of new technology or completion
21 of additional study efforts; development of more
22 energy-efficient wastewater treatment facilities; or

23 (f) Other circumstances which because of the
24 impact on water quality are deemed to effect the Waste
25 Treatment Component.

26 (2) CRAG Board of Directors review and release of

1 Component changes for public comment.

2 (3) Adequate public review and comment on the Component.

3 (4) Adoption of Component change by CRAG Board of
4 Directors.

5 (5) Submittal of change to DEQ for approval and state
6 certification.

7 (6) EPA approval of change.

8 (B) For the purpose of amending support documents referenced
9 in Article I, Section 3(F) of the Waste Treatment Management
10 Component, the process shall be as shown below:

11 (1) Any proposed change to the support documents shall
12 be presented to the CRAG Board of Directors with the following
13 information:

14 (a) Reasons for proposed action;

15 (b) Basis of data;

16 (c) Method of obtaining data;

17 (d) Period in which the data was obtained;

18 (e) Source of the data;

19 (f) Alternatives considered; and

20 (g) Advantages and disadvantages of the proposed
21 action.

22 (2) Following approval by the CRAG Board of Directors,
23 amendments to the support documents shall be attached to
24 appropriate documents with the following information:

25 (a) Approved change and replacement text for
26 document;

- 1 (b) Specific location of change within document;
2 (c) Reasons for change; and
3 (d) Date of Board action approving change.

4 SECTION 10. APPLICATION OF RULES

5 These rules shall apply to all portions of Clackamas, Wash-
6 ington and Multnomah County.

7 SECTION 11. SEVERABILITY

8 (A) The sections hereinabove shall be severable, and any
9 action or judgment by any state agency or court of competent
10 jurisdiction invalidating any section of these rules shall not
11 affect the validity of any other section.

12 (B) The sections of the document adopted by these rules
13 shall also be severable and shall be subject to the provisions of
14 subsection (a) of this section.

15 (C) For purposes of this section, the maps included in the
16 Waste Treatment Component of the Public Facilities and Services
17 Element shall be considered as severable sections, and any section
18 or portion of the Maps which may be invalidated as in subsection

19 (A) above shall not affect the validity of any other section or
20 portion of the maps.

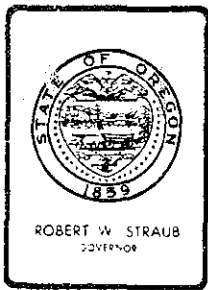
EDMUND A. JORDAN, JR.
ATTORNEY AT LAW
527 S. W. HALL STREET
PORTLAND, OREGON 97201
TELEPHONE 221-1648

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22 SB:kk:01
23 S:211/20-28

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25

26



Environmental Quality Commission

POST OFFICE BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5696

MEMORANDUM

To: Environmental Quality Commission

From: Director

Subject: Agenda Item L, July 28, 1978, EQC Meeting

Report on Emergency Response Plan

FOREWORD

The Oregon Accident Response System (OARS) was developed to fill a need for coordinated handling of accidents, spills and incidents involving chemicals. In the evolution of the current plan coverage has extended to raw product preparation, manufacturing, processing, merchandising, transporting, use of materials and disposal of containers or residues. Response is geared for incidents involving chemicals, oil products, radiological products, industrial or municipal spills or by-passes, biological impact and general public concern with suspected problems. Because no one State agency has the time, money, expertise or capability to handle all situations, the response team concept was developed to use the combined expertise of agencies to best cope with incidents in Oregon. Industry is tied to the system because they have developed nationwide capability particularly for response to chemical problems. Federal DOT, EPA and Coast Guard are the normal Federal response agencies, though FDA and OSHA have considerable expertise for advising on exotic chemicals. For a system to work it must be a cooperative effort with delegated people in responsible charge at the scene. OARS attempts to effect this kind of miracle.

BACKGROUND

In 1969 under ORS Chapter 634, the newly formed Committee on Synthetic Chemicals (COSCITE) was given the charge to set up a statewide contingency plan to protect the people, fish, wildlife, environment and property from the effects of accidental spills of chemicals. Initially a subcommittee of COSCITE formulated a functional plan and presented it to State Agency Heads for general approval. It was decided to give the plan quasi-statutory status through a memorandum of understanding among agencies involved and a Governor's executive order. A Clearing House Council became the governing board of the system responsible to agency heads and the Governor.

The OARS plan is now in its fourth edition. Figure 1, the cover sheet of the plan, is the core of the simplified system. Figure 2, indicates the scope of involvement among respondees to the system.

RESPONSE NEED

Significant spills of chemicals, oil and other materials have occurred in the past and increasing use of these materials in the Northwest increases the chance of spills. EPA estimates a near doubling along the nations waterways, highways and railroads in the next two years. And we are vulnerable! It can happen! It will!

New Federal Laws for OSHA, FDA, DOT, EPA, Department of Agriculture and others emphasize the toxicity and hazardous nature of chemicals that used to be taken for granted as being necessary for use despite effects. These tighter laws have made people more careful with use of hazardous-toxic materials, but more and different kinds are being used resulting in an increased number of accidents. Prevention is the keyword in industry and agency approaches, but incidents still occur, necessitating protection of people, property and the environment in that order.

OREGON'S SYSTEM

The success of any response system depends on three elements:

1. Communication (simple, rapid, two way).
2. Line Function Responsibility (Outlined and delegated).
3. Simplicity of system (KISS principle).

Under this plan communications are defined as follows:

1. Any accident, spill or other significant problem involving chemicals affects people. These people normally call the police, fire or other emergency groups who respond to the emergency. The 800-452-0311 number is available for them to call directly and get police, fire and OARS response.
2. The police officer in charge (generally State Police) is responsible for calling auxiliary help as he needs it and informs the state response teams through the Emergency Services Division of the nature and extent of the problem.
3. Emergency Services Division carries a duty roster from the agencies and serves as the major communications link between agencies and emergency officers. Under this plan, an oil spill will be reported by Emergency Services directly to the Coast Guard in Portland, who will get state response as needed.
4. Command post communication is set up by the response team if the nature and duration of the problem warrant it.
5. Communications to the press are through information officers in the Department of Environmental Quality, State Health Division and the Department of Agriculture. Uncoordinated reporting without technical advice might panic people unnecessarily.

Line function responsibility is established in OARS to assure orderly progression of needed work with minimal duplication of effort.

1. The emergency officer who responded to the scene or his chief officer is in charge of all efforts at the scene. All response must be coordinated through this officer.
2. Response team efforts whether they be state, local, private or Federal are to be directed by a coordinator named by the Department of Environmental Quality. This coordinator is cleared through the emergency officer and has co-workers from Health Division, Department of Agriculture, Fish and Wildlife and other pertinent agencies for collaboration on decisions.
3. In large spill situation, a State Policeman and vehicle may be on standby for a communications link at the site in addition to a telephone or radio station command post.
4. All response team members are to carry identification cards stating their name and department affiliation to present to the officer in charge.

The Clearing House Council is involved in the management of OARS with responsibilities of:

1. Standing by for administrative decisions needed during and following the accident.
2. Handling arbitration, if needed.
3. Reporting to Governor and other members of the Clearing House Council.
4. Holding critique on each major accident.
5. Conducting simulated response situations.
6. Following up with adjustments to OARS.

IMPLEMENTATION OF PLAN

The best laid plans are no good unless they are put into practice. Implementation is a never-ending process. Revisions are made every time an incident occurs and a critique indicates need for change. It must be loose and simple. The following outline gives the general approach:

- A. Tie in plan with others. Use their experience and expertise to the fullest extent possible.
 1. CHEMTREC (Appendix A)
 2. NACA
 3. Railroads
 4. State
 5. Federal
- B. Set up Response Teams.
 1. Coordination (on scene). Make sure someone is in charge
 2. Communications
 - a. Response Team.
 - b. Public
 - c. Management

3. Response Teams for spill emergency

- a. Evaluation
- b. Real location of work
- c. Clean up
- d. Disposal
- e. Follow up.

4. Training.

- C. Make sure materials are stockpiled or available and someone knows how to use them in emergency.
- D. Make sure all liaison can be effected on an emergency basis without worrying about purchase orders and minor details of " Whose responsibility."

REMIND SUMMARY

No one ever knows enough about spills and spill handling. You can never plan exactly for spill control. Each instance is a special case. Each incident is a separate learning experience. However, we can remember the following:

- A. Hope it never happens to me.
- B. Know that if it can happen it will (Murphy's Law - Murphy was an optimist).
- C. Know that it will happen.
- D. Be prepared to respond when it does happen.

DIRECTOR'S RECOMMENDATION

No action required Information only.



WILLIAM H. YOUNG

REFERENCES

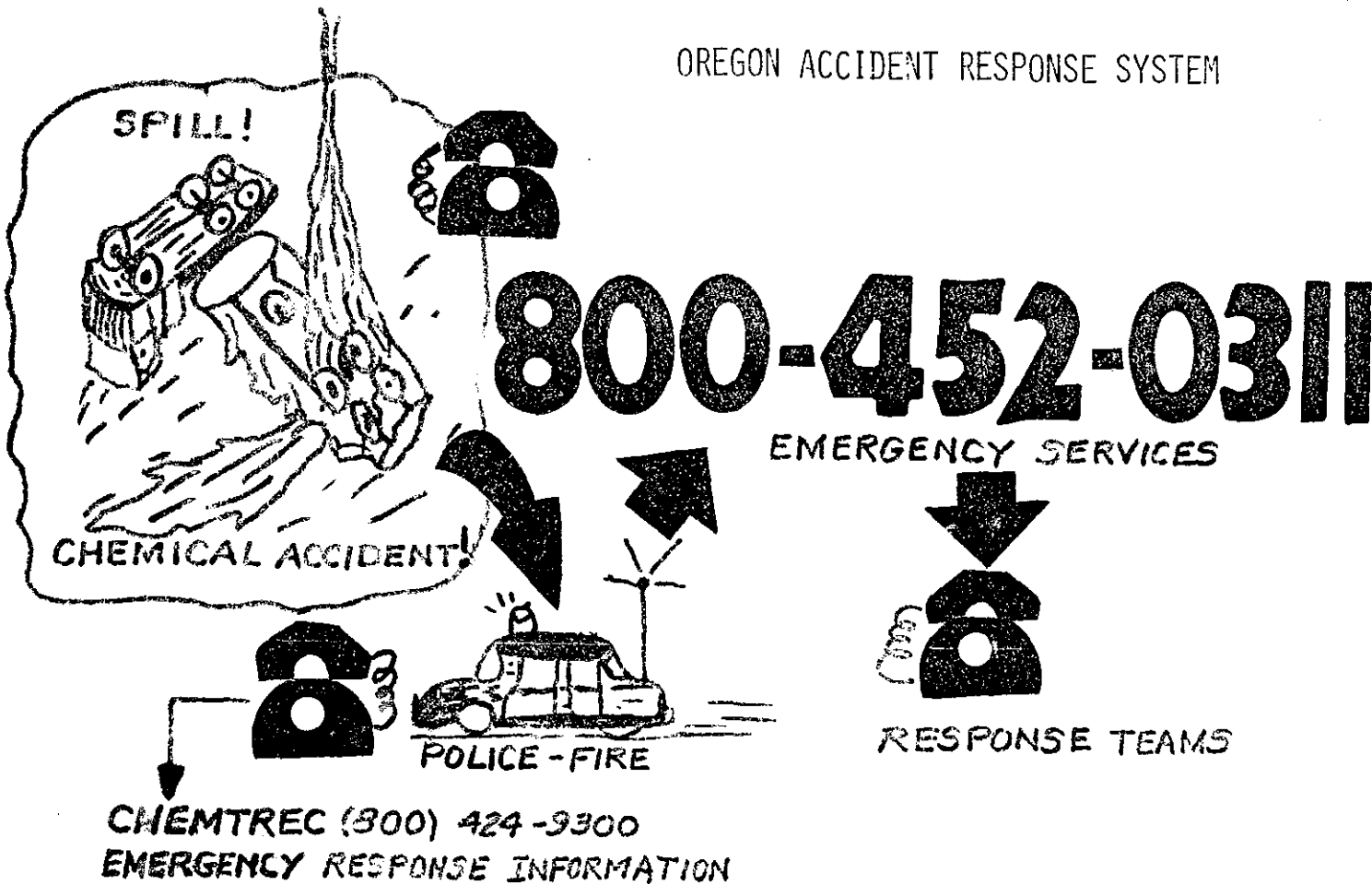
Crude lists of references are appended in B and C. The lists grow day by day and need refinement on a frequent basis.

Warren C. Westgarth:mm
229-5983
July 17, 1978

Attachments: Figure 1, Figure 2, Appendix A, Appendix B, Appendix C.

Figure 1

OREGON ACCIDENT RESPONSE SYSTEM



CLEARINGHOUSE COUNCIL
AND
TECHNICAL ADVISORY WORK GROUP

- Appendix XIV
- Planning
- Post Spill Evaluation
- Prevention
- Education

- Appendix II - DEQ
- Appendix III - Health Division
- Appendix IV - Highway Division
- Appendix V - Dept. of Agriculture
- Appendix VI - Radiological
- Appendix VII - Fish and Wildlife
- Appendix VIII - State Police
- Appendix XV - Emergency Services

CLEARING HOUSE COUNCIL

- | | |
|--|--------------------------------|
| Warren C. Westgarth, Chairman | Dept. of Environmental Quality |
| Ramona Q. King, Administrative Assistant | Dept. of Environmental Quality |
| Harvey Latham, Vice Chairman | Division of Emergency Services |
| Joseph Capizzi, Secretary-Recorder | Oregon State University |
| Gil Bellamy | Traffic Safety Commission |
| Harold E. Burke | Attorney General |
| H. Scott Coulter | Highway Division |
| Donald A. Haakenson | Public Utility Commissioner |
| William H. Koesan | Department of Agriculture |
| LaVerne S. Miller | Health Division |
| P. H. Franzen | Fire Marshal |
| John C. Williams | State Police |

OREGON ACCIDENT RESPONSE SYSTEM
Work-Responsibility Chart

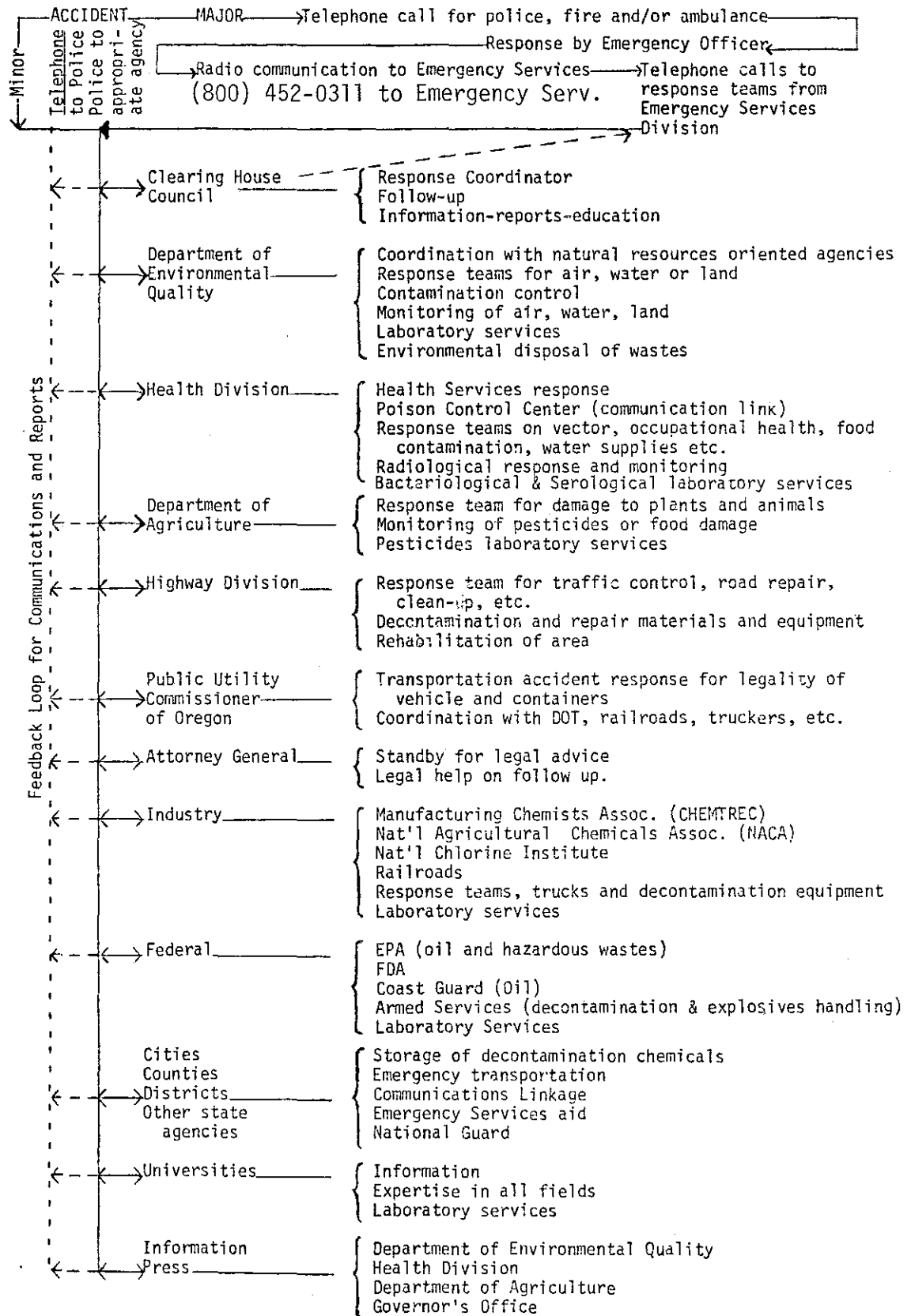


Figure 2

APPENDIX B

RESPONSE SYSTEMS FOR CHEMICAL INCIDENTS

Warren C. Westgarth

May 9, 1978

1. State of Oregon Emergency Operations Plan, Emergency Services Division
2. Oregon Accident Response System, Clearing House Council (Multi-Agency)
(Chemtrec, NACA, Chlorep)
3. Oregon Emergency Water Supply Plan, EPA, Region X
4. Hazardous Materials Spills Emergency Handbook, AWWA
5. State of Idaho Draft Plan, James Perry, Department of Health & Welfare
6. Emergency Response Plan Development Guide for Water Utilities, State of
Washington, Department of Social & Health Services.
7. Debris and Hazardous Material Cleanup and Control, State of Washington State
Patrol.
8. A Guide for Control and Cleanup of Hazardous Material, American Association of
State Highway and Transportation officials.
9. Poison Control Center, University of Oregon Health Sciences Center, Portland:
225-8968. Rest of State: (800) 452-7165
10. Coast Guard - EPA - DEQ Oil Spill Contingency Plan

APPENDIX C
BIBLIOGRAPHICAL REFERENCES

These references in listing form and the annotations are not in order of importance or need, but rather are listings of the accumulated material currently on file in State Offices.

Sax, N. Irving, Dangerous Properties of Industrial Materials, Van Nostrand Reinhold Co., New York, N. Y., 3rd Edition, 1968.

Railway Systems and Management Association (RSMA), Handling Guide for Potentially Hazardous Commodities, 1972

Fire Protection Guide on Hazardous Materials, National Fire Protection Association, 3rd Edition, 1969.

Dangerous Articles Emergency Guide, Bureau of Explosives, Association of American Railroads, New York, N. Y., March 1970.

Clinical Handbook on Economic Poisons, USPHA, Publication No. 476 Superintendent of Documents, 1967.

Pesticide Information and Safety Manual, University of California, Berkely, CA, July, 1968.

Wood, William S., Transporting, Loading and Unloading Hazardous Materials, Chemical Engineering, June 25, 1973, Pp. 72-94

Crossland, Janice and Kevin P. Shea, The Hazards of Impurities, Environment, June, 1973, Pp. 35-38.

Wolf, Harold W. and Jack E. McKee, Water Quality Criteria, 2nd Edition, State Water Quality Control Board, Sacramento, California, Publication No. 3-A, 1963.

Control of Spillage of Hazardous Polluting Substances, Battelle Northwest Laboratories for EPA, 15090-F0Z, November, 1970.

A Study of Transportation of Hazardous Materials, National Academy of Sciences, National Research Council, Wash. D.C., May 7-9, 1969.

The Disposal of Environmentally Hazardous Wastes, Task Force Report, Environmental Health Sciences Center, OSU, December, 1974.

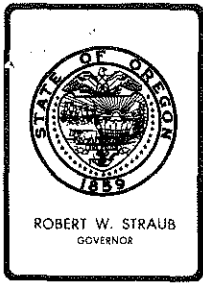
Control of Hazardous Materials Spills, Conference Proceedings, EPA, March 21-23, 1972, Houston, Texas.

Transportation of Hazardous Materials, DOT, Oklahoma, 1973.

Oil Spill Primer, Coastal States Organization, June, 1975.

CHRIS, Hazardous Chemical Data, CG-446-2, Coast Guard, DOT, January 1974.

July 78



Department of Environmental Quality

522 S.W. 5th AVENUE, P.O. BOX 1760, PORTLAND, OREGON 97207 PHONE (503) 229-5373

MEMORANDUM

To: Environmental Quality Commission

From: Regional Operations

Subject: Informational Report: Eastern Region
 Petition on nuisance from rotten potatoes being used as cattle feed
 EQC meeting July 25, 1978, LaGrande

Background

During the Public Forum portion of the Commission meeting in LaGrande, Mr. Steve Gardels, Eastern Region Manager, "presented a petition on behalf of approximately 50 citizens in the Hermiston area dealing with odors from rotten potatoes being used for cattle feed in an area near their residences. Mr. Gardels said that he was presented the petition because none of the petitioners were able to appear, and he was acting for those petitioners. This petition is made a part of the Commission's record on this matter. Mr. Gardels said that the smell from the rotting potatoes and the flies and other pests that go along with them, was indescribable."

Mr. Gardels said that rural cattle feedlots were currently exempt from the air quality rules. Under normal circumstances where cattle were fed grain materials accepted odors did occur, he said. Because of the large potato production in the area, Mr. Gardels continued, more and more cattle raisers were using waste potatoes as feed, and this was not the only feedlot with odor problems. Commissioner Somers asked why the owners of this property were not cited for lack of a solid waste disposal permit. Mr. Gardels replied that they did not need a solid waste permit because they were actually feeding cattle. The problem was, he said, that more potatoes were dumped in the area than the cattle could eat."

He met with the owners of the feedlot and they informed him they intended to bring in more potatoes because they were good feed. The owners said they would try to get the potatoes spread out to where the cattle could eat them faster. Mr. Gardels said he could only deal with this problem through the water quality rules because the Department did not have air quality rules to deal with the odors from feedlots and they did not need a solid waste permit because the potatoes were being used as feed. Commissioner Somers suggested that this might come under the solid waste rules as a salvage site."

Chairman Richards asked why they were buying more than the cattle could eat. Mr. Gardels replied that because they were already harvesting potatoes in the area, last year's storage was being cleaned out. He said the owners indicated they were going to bring in more cattle to consume the potatoes. Even if that happened, he said, there would still be a gross amount of odors."

Mr. Gardels requested guidance from the Commission on this matter. He said it was a legitimate use of a waste product, but it was developing into a large environment concern in the area. He said he did not think it was a salvage operation."



Contains Recycled Materials

Chairman Richards said that one remedy would be for the petitioners to hire an attorney to test this. He said that the Commission was not in a position to make a decision on this matter at this time. Chairman Richards asked that Mr. Gardels check with Headquarters staff and legal counsel to see if this matter fell within the Department's regulations. He said that Mr. Gardels might have to advise the petitioners that they may have recourse through the courts. Commissioners Phinney suggested that the petitioners may want to call this to the attention of their Legislators."

Legal Recourse

By definition, odors are air contaminants, ORS 468.275(2). But ORS 468.290(1) exempts agricultural operations from the air pollution statutes. ORS 459.120 enables any County to enact an ordinance to regulate solid wastes which create offensive odors, etc. on private property, but ORS 459.130(3)(b) again exempts "agricultural operations and growing or harvesting of crops and the raising of fowl or animals" from any County ordinance that is enacted under ORS 459.120.

Obviously, the legislative mandate is to not regulate odors from agricultural operations.

If an agricultural operation is receiving solid wastes from a Company that is on a waste-water discharge permit, we have some regulatory authority against the Company. Usually, a general condition is written into the permit which provides that solid waste shall not be disposed of in a manner that will create nuisance conditions.

ORS 468.720(2) provides that no person shall violate the conditions of any waste discharge permit issued under ORS 468.740 and subsection (3) therefore provides that a violation is a public nuisance. Thus, the Company who initiates the chain of events with which we are concerned could be proceeded against by injunction to abate a public nuisance as well as by civil penalty or criminal proceedings for violation of the applicable permit condition.

In J. R. Simplot Company's permit under special conditions (Schedule D) "Waste solids removed from the waste water shall be disposed of in a manner such that nuisance conditions are not created and such that the waste solids or leachates therefrom are not discharged into public waters of the state."

It is understood from Mr. Gardels that this approach would not apply in this particular situation. Potato culls from Simplot are just one of many sources of solid waste feed for this feedlot. Simplot's wastes are now being hauled to an isolated site on the feedlot which is not near the area of the citizens' complaints. The potato culls which are deposited in the problem area come from a number of sources, none of which are on a DEQ wastewater discharge permit.

If potato culls are accumulated beyond a reasonable amount which is needed for stockpile to feed animals, then one could argue that the excess is solid waste and should be under a solid waste permit. This may happen in a situation where a feedlot is on contract to take all the solid waste from a Company, not just what it needs, to feed the number of animals it has on hand. What constitutes an excess amount could be hard to define and verify.

The resolution of this particular problem is for the farmer to move the one storage/feeding site which is bothering the neighbors. If he doesn't, the affected citizens should pursue legal action.

Citizens have certain legal rights. They can file a common law nuisance suit to enjoin the operation or collect damages. In this case, it appears that the citizens have a much better legal handle to regulate than does the Department. We cannot regulate without legislative mandate.

Follow-up Results

In August 1978 a field inspection revealed the waste water from the feedlot was discharging into a roadside ditch. Mr. Gardels took action by notifying the feedlot owners of the violation and requested that they remove the waste from the ponding water on their property and fill in the low area to prevent more waste from entering the ditch.

Umatilla County did explore using their County Ordinance on nuisance problems but they felt it could not handle this type of problem.

The owners did fill in all the low water areas and they also reduced the cattle that were confined at the feedlot.

Simplot's decided that the potatoes they were supplying the feedlot operation free could be handled better so they eliminated the source and set up a program to sell and moved the potatoes to other markets.

Since these corrections have occurred, the DEQ Eastern Region office in Pendleton has received no further complaints. Word was received from a resident of the area that odors had disappeared since standing water which had potato waste in it was removed from the low area.

City of Prairie City

Prairie City, Oregon 97869

July 27, 1978

Steve Gardels
Department of Environmental Quality
Pendleton, Oregon

Dear Mr. Gardels:

We would like to bring you up to date on some of the things that have been done toward improvements to our sewer system.

A survey was made to determine if the residents would be willing to support a bond issue for this purpose. A copy of the survey is enclosed. 132 questionnaires were returned. 110 persons indicated that they would vote for a bond issue, while 22 said they would not.

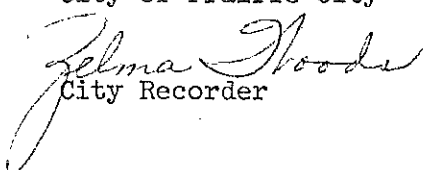
On June 28th the council authorized an appraisal and a review of potential sites, and authorized the Engineer to make a preliminary study of the feasibility of a new site which is currently in progress.

Last Friday a public hearing was held on Land Use Planning for a Comprehensive Plan.

The City will be requesting grant assistance for correction of existing infiltration inflow to be performed this winter. The council is aggressively pursuing a program to remedy and upgrade present sewage treatment and collection facilities.

An election will be held as soon as costs have been determined for sites and improvements.

Very truly yours,
City of Prairie City


City Recorder

enc.

The City of Prairie City, by 1983, must have no discharge into the river, from its sewer facilities. We need to expand the sewer facilities to the South end of town and parts of the North end. This, plus additional improvements and a moratorium on present construction poses the following questions:

Are you in favor of expanding and improving our sewer system?

YES _____ NO _____

Are you on the sewer at present?

YES _____ NO _____

Passage of a bond issue would enable the City to be eligible for various Government grants of between 75% and 85%. Are you willing to vote for a bond issue to construct and improve the sewer system up to the following amount of approximately \$2.29 per \$1,000.00 of present assessed valuation and an increase in user charges?

YES _____ NO _____

Additional comments would be appreciated.....

TO WHOM IT MAY CONCERN:

In a residential area outside Hermiston, Oregon at the corner of East Punkin Center and South Edwards roads, a situation exists which is of deep concern to the people of the community. Rotten potatoes have been and are being dumped at this location in a low swampy area. The potatoes are supposedly being dumped as cattle feed, but the cattle are unable to eat even a small part of the potatoes. The piles of rotten potatoes have been irrigated and left to stand and rot in stagnant water thus creating a feed ground for thousands of sea gulls, a breeding ground for flies and mosquitoes, and a smell that is indescribable. The smell is sickening _____ something worse than cat manure or vomit. The putrifying smell permeates the atmosphere for at least a one mile radius of the quagmire of rot and putrefication.

The repulsive odor is actually sickening and people living in the area can't sleep at night.

Most of the people in the area are anxious and concerned about the situation _____ anxious enough to have called upon the Health Department, The D. E. Q. and other supposedly interested agencies.

In this area people have not approved one neighbor's right to build a slaughter house. Also in this area, residents are required to have nineteen acres before they can have a sewer approved. This situation is much worse than a hundred open sewers.

We the undersigned expect and demand some immediate action on this matter.

John L. Poppe
Dennis Hatterman

Ala M. Sawyer RT 3 Box 3422 Hermiston

Alex English Rt 3, Box 3432 HERMISTON
Nettie English Rt 3. Box 3432. Hermiston Ore.
Richard A Childs Rt. 3. Box 3439 - Hermiston, Ore.
Patricia J Childs - Rt. 3. Box 3439 - Hermiston, Ore.
Charles J Easton - Rt 3 BOX 3360 - Hermiston, Ore.
Nancy Easton - Rt 3 Box 3360 - Hermiston
Estelle L Packard Rt 3 Box 3355 Hermiston
Mr. & Mrs. Don Laydall Rt 3 Box 3303 Hermiston
Bob Wilson Rt 3 Box 3438 Hermiston
Roberta C Dove Rt 3 Box 3440 Hermiston
Joy M Hinds Rt. 3 - Box. 3430 Hermiston
Jack L. Hinds Rt. 3 - Box - 3430 Hermiston
Harold E Townsend Rt-3 Box 3424 HERMISTON
Moyne Townsend Rt 3 Box 3424 HERMISTON
Linda Compton Rt 1 Box 1382 Hermiston
Amy Mills Rt 3 Box 3422 Hermiston
Michael Jensen Rt 3 Box 3628 Hermiston
Cheryl Jensen Rt. 3 Box 3628 Hermiston
Ethel Patterson Rt 3 Box 3630 Hermiston
Daniel Liebe Rt 3 Box 3446 Hermiston
Shirley F Elliot Rt. 3 Box 3370 Hermiston
Dwight S. Lockett Rt 3 Box 3374 Hermiston Ore.
Gladys Lockett Rt 3 Box 3374 % of ...

| | | |
|--------------------|-----------------|-------------------|
| Bob Seibalt | Rt. 3 Box 3372 | Hermiston |
| Ruby Seibalt | Rt. 3 | " |
| Mrs. Doroanne | Rt. 3 Box 3376 | Hermiston |
| Mabel Giovanni | Rt. 3 Box 3316 | Hermiston |
| Mrs. ... | | |
| Tracy Rask | | |
| Donald Elliot | Rt 3 Box 3370 | Hermiston, Ore. |
| Edwin Engle | Rt 3 Box 3382 | Hermiston, Ore. |
| Earl M. Johnston | Rt. 3 Box 3514 | Hermiston, Ore. |
| Marlene Johnston | Rt 3 Box 3514 - | Hermiston Ore. |
| Bonnie J. Schuster | P.O. Box 53 | Hermiston, Ore. |
| Linda S. Schisler | P.O. Box 496 | Hermiston, Oregon |
| Cassell Roberts | ROUT 3 BOX 3514 | HERMISTON, Ore |
| Donnabelle Roberts | Rt 3 Box 3516 | " " |
| Jacqueline Kiniski | Rt. 3 Box 3515 | Hermiston, Ore. |
| Kenneth C. Loftis | Rt 3 Box 3512 | Hermiston Ore. |
| Mary Ellen Loftis | Rt 3 Box 3512 | Hermiston Ore. |
| Mary Matter | Rt. 3 Box 3530 | Hermiston Oregon |
| Earl Matter | Rt. 3 Box 3530 | Hermiston Ore. |
| Donna K. Brown | Rt 3 Box 3522 | Hermiston Ore. |
| Calvin Smith | Rt 3 Box 3442 | Hermiston Ore. |
| Mr. James Webster | Rt 3 Box 3443 | " |
| W. Eugene Smith | Rt 3 Box 3442 | Hermiston, Ore. |
| Jackie Smith | Rt. 3 Box 3442 | Hermiston, Ore. |
| John M. Power | Rt 3 Box 3440 | Hermiston Ore |

COME WHERE



CITY of IRRIGON

IRRIGON, OREGON

97844

July 27, 1978

Honorable members-officers;
Enviromental Quality Commission.

In the early Fall 1977, the City of Irrigon had a mild epidemic of Infectious Hepatitis. The origin was not determined. In the late Winter of 1978 the city had another outbreak, which started in Irrigon and moved east into Umatilla, some 8 miles. A total of 15 cases were reported. This became a real concern to the Morrow County Health Nurse, who innoculated some 486 to curb the spread. In the Spring an outbreak of 2 or 3. It was determined by the city, and Pat Wright, Health Nurse, that existing problems were becoming a hazard and were becoming more evident. We made the decision to seek water samples in the river and the city wells. It had been previously determined that the last source ~~had come~~ of Hepatitis had either originated from a local source (private well) or the swimming area at the city park. The enclosed test reports will show several fecal (human or warm blooded) Coliform on the rivers edge. Particularly high in two areas. (which later appears to be a pattern). The last outbreak had ^{18 people} two children who had been swimming in the river. It was later determined that these outbreaks and the largest outbreak occurred by some of the proven bad wells and directly in a verticle line with the worst areas in the river. In the last two tests, the paterns became more evident and convincing. In all of the outbreaks, the possible epidemic was diverted. But- the source still remains. And may continue to do so, until the present non-conforming septic systems are replace with a modern sewer system. In all. 72 samples were taken. 26 were either bad or showing a trend upward. (36%). With the guidance and suggestions of the Vitro Engineering Corp. of the TriCities area (Washington), the city has decided to change the plans to a low maintnace costs, lagoon system. About a year ago Mr. Stwe Gardels, Regional Director of D.E.Q., receommeded 'funding' for our project, but his recommendation was rejected..

The City of Irrigon requests that this rejection be recinded on the strength of our findings. "the City of Irrigon has a health hazard" in its present aged septic tank systems and drain fields.

The City cannot expand or grow, nor will commercial entities come into the City with the hazards as evidned above. There are letters in file (17) in which, "if these poor sewer conditions were eliminated, local and other merchznts would expand and increase

COME WHERE



THE BIG ONES ARE

CITY of IRRIGON
IRRIGON, OREGON
97844

continued.

the needed payroll by over 165 new employees.

The City, due to the spill-over from Umatilla and Boardman, has increased in population, since January 1977 by over 38%. 400 1977(Jan.), estimated 550(july,78) Official State Census March 1978 was 515. Irrigon must grow to take care of the needs in N.E. Oregon.

A city that can not grow, may die slowly. A Health Hazard, can also be the contributo of this slow death.

We want to live, we need your acknowledgement, we do have a Health HAZARD.

Sincerely,
Jack R. Basiden
Jack R. Basiden
IRRIGON, OR. city manager

JRB/jrb

Enclosure;

File Folder, containing pertinent information given to Clarence Hilbrick, July 14, 1978

Purpose; To request and convince the ~~XXXXXXXXXXXXX~~ Department of Enviromental Equality, that the City of Irrigon has a Health Hazard and needs to be reclassified to an "A" grouping

Presentation befor the E.Q.C. July 28, 1978, JRB

COME WHERE



THE BIG ONES ARE

CITY of IRRIGON
IRRIGON, OREGON
97844

"Members of the Commission:


It is the policy of the Department of Environmental Quality to refuse septic tank permit requests when the drain field is within 36" of a gravel aquifer or to require the importation of fill material to assure this dimension is not violated.

We of the City of Irrigon would therefore like you to adopt the logical extension of this existing policy - namely, give priority ratings for funding those municipalities which have existing septic systems over such an aquifer and who are attempting to correct the situation by having a sewer treatment facility and collection system installed."

Sincerely,



Mayor Vernon Stewart



Jack R. Baisden, City Manager

COME WHERE



THE BIG ONES ARE

CITY of IRRIGON
IRRIGON, OREGON
97844

RESOLUTION 78-7

WHEREAS the City Council of Irrigon, Oregon resolves to seek from D. E. Q. (Department of Environmental Quality) and/or E. Q. C. (Environmental Quality Commission), both State of Oregon agencies, relief or variance from restrictive permits or non-permits for septic systems and/or drain fields within the city or its growth pattern or requests for those agencies to declare the city a health hazard area.

PASSED and APPROVED this 13th day of June, 1978.

Mern Stewart
Mern Stewart Mayor

ATTEST: Klaine J. Hutchinson
City Recorder

VITRO ENGINEERING CORPORATION

July 13, 1978

Mr. Clarence Hillbrick
DEPT. OF ENVIRONMENTAL QUALITY
Yeon Building
522 S. W. Fourth
Portland, Oregon, 97204

Dear Sir:

Enclosed is the data from three sets of samples taken on June 22, June 27, and July 7, 1978. Also enclosed is a map showing the location of the various sample points.

Prior to the sampling period, several farmers south of the City fertilized their fields. The data indicates that this fertilization significantly influenced the nitrate level in the groundwater. The samples show a seven-fold reduction between the first and second set of samples, and a sixty-fold reduction between the first and third set of samples. The rate that the nitrate compounds decreased in the groundwater strongly indicates that the soils of the region have a very poor exchange capacity.

The shoreline river samples show that the nitrate levels are significantly declining during the sample period. This trend strongly suggests that the river is recharged by the groundwater in the area.

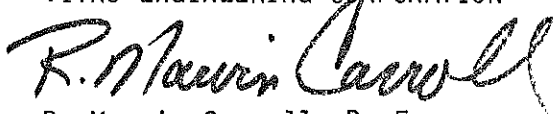
An evaluation was made of the well samples taken July 7, 1978 to determine if a trend could be established. The coliform tests did show four wells with measurable coliform counts. These wells are located in the north end of the City. The depth of these wells are reported to be approximately sixty feet.

Seven rivershore samples were taken on July 7, 1978. The three samples taken west of the City limits showed significantly higher fecal coliform counts, with the highest fecal coliform count (350 MPN/100 ML) occurring at the end of First Street. The area is close to two of the wells with measurable coliform counts. There are no known water discharge points that could account for this substantial increase in fecal coliforms in the river water.

CONCLUSION: Some sample points indicate the probability that the groundwater near the river is being contaminated by septic tank effluent. Four wells are showing measurable coliform counts and may require abandonment in the near future.

Very truly,

VITRO ENGINEERING CORPORATION

A handwritten signature in black ink that reads "R. Marvin Carroll". The signature is written in a cursive style with a large, prominent "C" at the end.

R. Marvin Carroll, P. E.
Projects Director

RMC/djg

Enclosures

cc: R. C. Anderson/File

Morrow County Health Department

LEXINGTON, OREGON 97839

July 18, 1978

Mr. Clarence Hilbrick
Supervisor of Sewage Works & Construction
P.O. Box 1760
Portland, OR 97207

Re: Irrigon's Reclassification
of Sewer Grant

Dear Sir:

It has been brought to my attention that a probable health hazard exists in the city of Irrigon.

I am concerned with the results of numerous water samples analysis obtained recently from the Columbia River and numerous private wells located in town; some of them exceed the standards for fecal coliform counts.

Morrow County has had a continuous problem the past several months in the Irrigon area with infectious hepatitis. Last week, 10 cases of shigella was reported in the Hermiston area. As you know, both diseases are spread through the oral-fecal route.

I would like to encourage you to do everything possible to raise the city of Irrigon on the sewer priority list before an endemic breaks out.

Yours truly,

Pat Wright, R.N.

Pat Wright, R.N.
County Health Nurse

PW:blm

VITRO ENGINEERING CORPORATION

127910

July 13, 1978

Mr. Clarence Hillbrick
DEPT. OF ENVIRONMENTAL QUALITY
P. O. Box 1760
Portland, Oregon, 97207

Subject: City of Irrigon
Request for Reclassification (Sewer Project)

Dear Mr. Hillbrick:

In our effort to get requested and critical information to you prior to July 14, we failed to enclose pertinent information - and compounding our problem, we used S.W. Fourth Street instead of S.W. Fifth and the wrong zip code in your address.

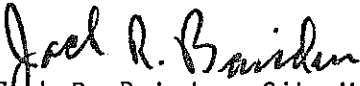
For fear of your not receiving this information in time, we are duplicating our efforts. I attempted to contact you at 3:30 p.m., but you were not available. We were able to get ahold of Mr. Gildow who said it would be all right as long as we mailed duplicate information Special Delivery on this date.

It should be noted that we have added information on known hepatitis cases to this duplicate map. After Vitro Engineering's analysis of our problem and viewing the enclosed map it is found that most of the hepatitis cases have occurred close to areas showing problem wells. There appears to be a connection between the problem wells and hepatitis.

Please find enclosed a duplicate of the original letter from Vitro Engineering as well as the missing data sheets and map.

Thank you for your interest and assistance.

Very truly yours,


Jack R. Baisden, City Manager
CITY OF IRRIGON, OREGON

JRB/djg

Enclosures

cc: R. C. Anderson/File
R. M. Carroll
J. R. Baisden

Subject: Analysis of water samples from the City of Irrigon, Oregon.
The samples were received 23 June 1978 and assigned reference
Nos. 4303-17.

| <u>Sample</u> | <u>Parameter</u> | |
|---------------|---|-------------------------|
| | <u>Fecal Coliform MPN Index/100 ml.</u> | <u>Nitrate as ppm N</u> |
| No. 1 | <u>180</u> | 0.299 |
| No. 2 | <u>79</u> | 0.216 |
| No. 3 | <u>110</u> | 0.225 |
| No. 4 | <u>170</u> | 0.203 |
| No. 5 | 26 | 0.139 |
| No. 6 | 33 | 0.032 |
| No. 7 | 26 | 0.039 |
| No. 8 | <u>170</u> | 0.053 |
| No. 9 | <u>170</u> | 0.047 |
| No. 10 | <u>1600</u> | 0.216 |
| Pump No. 1 | <2 | <u>5.11</u> |
| Pump No. 2 | <2 | <u>5.24</u> |
| Pump No. 3 | <2 | <u>5.18</u> |
| Tank No. 1 | <2 | <u>5.46</u> |
| Tank No. 2 | <2 | <u>3.85</u> |

ppm indicates "parts per million"

< indicates "less than"

All tests are performed in accordance with current Environmental Protection Agency guidelines as published in the Federal Register.

The information shown on this sheet is test data only and no analysis interpretation is intended or implied.

Samples will be retained 30 days unless otherwise requested.

Reported by:

Earl A. Hadfield
Earl A. Hadfield

Subject: Analysis of water samples from the City of Irrigon, Oregon. The samples were received 28 June 1978 and assigned reference Nos. 4424 - 51.

| Sample | Parameter | |
|--------------------------------|------------------------------------|---------------------|
| | Fecal Coliform MPN Index/100 ml | Nitrate as ppm N |
| Pump #1 | <2.2 | 0.85 |
| Pump #2 | <2.2 | 0.71 |
| Tank #1 | <2 | 0.91 |
| Tank #2 | <2 | 1.83 ✓ |
| Cafe - Pivot Pt. | <2 | 0.60 |
| Will McCog | <2 | 0.047 |
| Ken Lamb - Wash. & 8th | 2 ✓ | 0.071 |
| STUHL | 170 | 0.050 |
| A.C. Houton School | <2 | 0.369 |
| Bev Fry | <2 | 0.039 |
| Vern Stewart | <2 | 1.66 ✓ |
| Mrs. Irish Well | <2 | 1.66 ✓ |
| Wayne Schnell | <2 | 9.84 |
| Ridex | <2 | 2.72 |
| Howell | <2 | 2.72 |
| J. B. | <2 | 0.067 |
| Irrigon (City shop) | <2 | 2.22 |
| Van Weems (well) | <2 | 4.79 |
| Mat Doherty, Rt. 2 Box 38 East | <2 | 3.32 |
| Beach (Eppenbach) | 5 | 0.064 |
| Beach (Shore) | 2 | 0.056 |
| 50' off shore | 4 ✓ | 0.050 |
| 1/4-mile off Park beach | 2 | 0.050 |
| 1/4-mile off boat dock | 2 | 0.039* |
| Fish and wildlife | 2 | 0.047 |
| A Swim Hole | 33 ✓ | 0.117 |
| B Swim Hole | 8 ✓ | 0.340 |
| C Swim Hole | 8 ✓ | 0.185 |

< indicates "less than"
ppm indicates "parts per million"


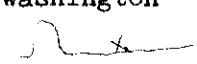
All tests are performed in accordance with current Environmental Protection Agency guidelines as published in the Federal Register.

The information shown on this sheet is test data only and no analysis or interpretation is intended or implied.

Samples will be retained 30 days unless otherwise requested.

Reported by: Kelly E. Cook
Kelly E. Cook

WATER SAMPLE NUMBERING FOR LY 7, 1978

1. Shore off 2nd
2. Shore between 1st and 2nd
3. Shore off 1st
4. Shore off 5th
5. Shore off 6th
6. Swimming area 
7. Easterline Washington
8. Swimming area 
9. Cement House 2nd West
10. Proctor Washington 2nd West
11. Murray Washington West 2nd
12. Riley
13. Rider 2nd West Washington
15. Swift Washington
16. Stahl Oregon 1st
17. Hadley Traylor Court
18. Lamb
19. Doherty
20. Cullen
21. Anderson
22. Clark
23. White
24. Creamers
25. Rock
26. Schnell outside
27. Gilcrease
28. Schnell inside
29. Well #1
30. Well #2

Date: 11 July 1978

Invoice No.: 25405

Subject: Analysis of water samples from Irrigon, Oregon.
 The samples were received 8 July 1978 and assigned
 reference nos. 4480-4508.

| Sample | Parameter | | |
|--------------|-----------------------------------|-----------------------------------|---------------------|
| | Total Coliform MPN Index/100ml | Fecal Coliform MPN Index/100ml | Nitrate as ppm N |
| Shoreline 1 | -- | 79 * | 0.064 |
| Shoreline 2 | -- | 130 * | 0.053 |
| Shoreline 3 | -- | 350 * | 0.060 |
| Shoreline 4 | -- | 5 * | 0.060 |
| Shoreline 5 | -- | 17 * | 0.057 |
| Shoreline 6 | -- | 13 * | 0.064 |
| Shoreline 7 | -- | <2 | 0.083 |
| Shoreline 8 | -- | 13 * | 0.064 |
| West 9 | -- | <2.2 | 0.053 |
| West 10 | -- | <2.2 | 0.250 * |
| West 11 | -- | <2.2 | 0.099 |
| West 12 | -- | <2.2 | 0.077 |
| West 13 | 2.2 ✓ | <2.2 | 0.080 |
| West 15 | -- | <2.2 | 0.083 |
| Southwest 16 | >16 * | 16 * | 0.107 * |
| Southwest 17 | -- | <2.2 | 0.067 |
| South 18 | >16 * | 5.1 * | 0.085 |
| South 19 | -- | <2.2 | 0.063 |
| South 20 | >16 * | <2.2 | 0.110 * |
| South 21 | -- | <2.2 | 0.050 |
| South 22 | -- | <2.2 | 0.083 |
| North 23 | -- | <2.2 | 0.057 |
| North 25 | -- | <2.2 | 0.074 |
| North 26 | -- | <2.2 | 0.129 * |
| North 27 | -- | <2.2 | 0.101 |
| North 28 | -- | <2.2 | 0.101 |
| Well 1 29 | -- | <2.2 | 0.091 |
| Well 2 30 | -- | <2.2 | 0.080 |

ppm indicates "parts per million"

< Indicates "less than"

> Indicates "greater than"

Date: 11 July 1978

Invoice No.: 25405

Subject: Analysis of water samples from Irrigon, Oregon.
 The samples were received 8 July 1978 and assigned
 reference nos. 4480-4508.

| Sample | Parameter | | |
|-----------------|-----------------------------------|-----------------------------------|---------------------|
| | Total Coliform MPN Index/100ml | Fecal Coliform MPN Index/100ml | Nitrate as ppm N |
| 1 Shoreline 1 | -- | 79 | 0.064 |
| 2 Shoreline 2 | -- | 130 | 0.053 |
| 3 Shoreline 3 | -- | 350 | 0.060 |
| 4 Shoreline 4 | -- | 5 | 0.060 |
| 5 Shoreline 5 | -- | 17 | 0.057 |
| 6 Shoreline 6 | -- | 13 | 0.064 |
| 7 Shoreline 7 | -- | <2 | 0.083 |
| 8 Shoreline 8 | -- | 13 | 0.064 |
| 9 West 9 | -- | <2.2 | 0.053 |
| 10 West 10 | -- | <2.2 | 0.250 |
| 11 West 11 | -- | <2.2 | 0.099 |
| 12 West 12 | -- | <2.2 | 0.077 |
| 13 West 13 | 2.2 | <2.2 | 0.080 |
| 14 West 15 | -- | <2.2 | 0.083 |
| 15 Southwest 16 | >16 | >16 | 0.107 |
| 16 Southwest 17 | -- | <2.2 | 0.067 |
| 17 South 18 | >16 | 5.1 | 0.085 |
| 18 South 19 | -- | <2.2 | 0.063 |
| 19 South 20 | >16 | <2.2 | 0.110 |
| 20 South 21 | -- | <2.2 | 0.050 |
| 21 South 22 | -- | <2.2 | 0.083 |
| 22 North 23 | -- | <2.2 | 0.057 |
| 23 North 25 | -- | <2.2 | 0.074 |
| 24 North 26 | -- | <2.2 | 0.129 |
| 25 North 27 | -- | <2.2 | 0.101 |
| 26 North 28 | -- | <2.2 | 0.101 |
| 27 Well 1 29 | -- | <2.2 | 0.091 |
| 28 Well 2 30 | -- | <2.2 | 0.080 |

ppm indicates "parts per million"

Ave 0.072 ± 0.042

< Indicates "less than"

> Indicates "greater than"

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 500 | 239AMD | Staff Offices & Director | 628.1 | | | |
| 499 | 044AMD | Information Services | 87.7 | | | |
| 499 | 043AMD | Hearings Office (239) | 127.5 | | | |
| 499 | 041AMD | Personnel Unit Retention (239) | 130.7 | | | |
| 499 | 037AMD | Public Affairs Officer (239) | 86.2 | | | |
| 499 | 036AMD | Director's Office (239) | 171.0 | | | |
| 490 | 001AQD | AQD Administration & LRAPA Grant | 613.2 | 1 | | |
| 480 | 156WQD | Program Planning and Administration | 218.3 | 1 | | |
| 470 | 059SWD | SW Administration | 112.0 | 1 | | |
| 460 | 223LAB | LAB Adm. Repair & Maintenance | 594.2 | 2 | | |
| 459 | 113LSW | Repair and Maintenance/Laboratory (223) | 10.9 | | | |
| 459 | 112LSW | Laboratory Administration (223) | 56.9 | | | |
| 459 | 103LWQ | Repair and Maintenance (223) | 14.2 | | | |
| 459 | 095LWQ | Laboratory Administration (223) | 256.1 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 450 | 240AMD | Management Services | 2214.0 | 4 | | |
| 449 | 42aAMD | Support Services (15%) (206) | 197.2 | 18765.9 | | |
| 449 | 046AMD | Purchasing and Property Clerk (207) | 66.2 | 15502.2 | | |
| 449 | 042AMD | Support Services (85%) (206) | 1117.3 | 15436. | | |
| 449 | 039AMD | Accounting (207) | 511.0 | 13884. | | |
| 449 | 207AMD | Acctg. & Purch. (39, 46) (240) | 577.2 | | | |
| 449 | 206AMD | Support Services (42, 42a) (240) | 1314.5 | | | |
| 449 | 040AMD | Budgeting (240) | 176.5 | | | |
| 449 | 038AMD | Administrator, Management Services Div., EQC | 146.8 | | | |
| 440 | 224AQD | Air Program Planning and Development | 730.6 | 5 | | |
| 439 | 021AQD | Prevention of Significant Deterioration Prgm. | 59.3 | | | |
| 439 | 019AQD | Air Monitoring Program Management (224) | 58.5 | | | |
| 439 | 003AQD | New Source Review (224) | 181.7 | | | |
| 439 | 002AQD | Control Strategy Development (224) | 431.1 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|---------|--|-----------------|--------------------|---------|----------|
| 430 | 225AQD | Data Acq. & Monit. | 1737.8 | 6 | | |
| 429 | 205AQD | ---Special Monit.--Med/GR-(149,-133)--(221) | 75.0 | | | |
| 429 | 204AQD | ---SAMWG-(132,-151)---(225) | 116.9 | | | |
| 429 | 151LAQ | ---SAMWG-Requirements,-EPA--(204) | 181.6 | 24613.9 | | |
| 429 | 149LAQ | ---Other-Special-Monitoring--Medford-(205) | 153.9 | 17744.6 | | |
| 429 | 135LAQ | ---Source-Test-Analysis-(see-7,-18)---(225) | 19.5 | | | |
| 429 | 133LAQ* | ---Special-Monitoring--Grants-Pass--(205) | 17.2 | 20228. | | |
| 429 | 131LAQ | ---Ground-level-Meteorological--Portland-(225) | 175.1 | | | |
| 429 | 130LAQ | ---Other-Special-Sampling--Portland--(225) | 71.0 | | | |
| 429 | 129LAQ* | ---Monitoring--Medford-(Also-205)-(221) | 71.7 | | | |
| 429 | 128LAQ | ---Monitoring--Eastern-Region---(225) | 56.8 | | | |
| 429 | 127LAQ | ---Basic-Monitoring--Midupper-Willamette-Valley | 143.6 | | | |
| 429 | 125LAQ | ---Monitoring-Portland-Network--(225) | 317.1 | | | |
| 429 | 124LAQ | ---Monitoring-Southwest--(225) | 102.9 | | | |
| 429 | 123LAQ | ---Laboratory-Administration--(223) | 256.1 | | | |
| 429 | 020AQD | ---Emission-Inventory-(see-7)---(225) | 73.0 | | | |
| 429 | 018AQD | ---Est.-Source-Test-&-Data-Capability-(see-7,135) | 46.2 | | | |
| 429 | 007AQD | ---Est.-Source-Test-Capability-(see-18,-135)-(225) | 76.5 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 429 | 006AQD | Meteorology--(225) | 80.4 | | | |
| 429 | 005AQD | Emission Inventory (See 20)--(225) | 73.0 | | | |
| 429 | 004AQD | Data Processing & Reporting--(225) | 239.1 | | | |
| 429 | 132LAQ | SAMWG Requirements (204) | 72.8 | 16610.8 | | |
| 420 | 228AQD | Air Source Compliance | 1674.6 | 8 | | |
| 419 | 73bROD | 10% of #73ROD (209) | 110.0 | 17431.5 | | |
| 419 | 73aROD | 14% of #73ROD (209) | 154.0 | 16538. | | |
| 419 | 134LAQ | Plume evaluation training--Regional Offices | 32.2 | | | |
| 419 | 091ROD | SW Region PHE-2--(AIR)--(228) | 60.5 | | | |
| 419 | 073ROD | Air Pollution Source Control (76%) (209) | 770.0 | 7623.6 | | |
| 419 | 011AQD | Inspections, enforcement, tracking (228) | 127.5 | | | |
| 419 | 010AQD | Prog. Oper. Major Plan Review--(228) | 92.5 | | | |
| 419 | 009AQD | AGDP Issuance Management--(228) | 54.6 | | | |
| 419 | 008AQD | Program Operation, Training--(228) | 173.7 | | | |
| 419 | 209DEQ | Ape See Control Reg. (73, 73a, 73b) (228) | 1034.0 | | | |
| 410 | 202AQD | Smoke Management | 287.2 | 8 | | |
| 409 | 030AQD | Smoke Management--Data Clerk (202) | 9.7 | 22883.5 | | |
| 409 | 012AQD | Smoke Management (202) | 277.5 | 2340.4 | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 400 | 014AQD | Vehicle Inspection Program | 2134.1 | 10 | | |
| 390 | 213N | Noise Cont.(Hq/Reg) | 729.8 | 11 | | |
| 389 | 081R0D | ---Noise Control-(Restore)----- | 138.6 | | | (213) |
| 389 | 029AQD | ---Increase-Development-of-Local-Programs----- | 87.4 | | | |
| 389 | 017AQD | ---Noise-Local-Programs--(213)----- | 210.1 | | | |
| 389 | 016AQD | ---Noise-Compliance-and-Assurance-(213)----- | 181.7 | | | |
| 389 | 015AQD | ---Noise-Control-Program----- | 112.0 | | | (213) |
| 380 | 229WQD | Water Source Control | 2311.9 | 13 | | |
| 379 | 159WQD | ---Construction-Grants-(229)----- | 618.1 | | | |
| 379 | 157WQD | ---Permits/Compliance-Assurance/Enforcement(229)--- | 219.1 | | | |
| 379 | 101LWQ | ---Point-Source----- | 147.7 | | | (229) |
| 379 | 074R0D | ---Water-Pollution-source-control-Reg.(229)--- | 1252.8 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 370 | 230WQD | Subsurface Sewage Program | 1211.7 | 15 | | |
| 369 | 220R0D | Subsurface Regions Restore (230) | 285.4 | | | |
| 369 | 170WQD | Subsurface Licensing (230) | 18.7 | | | |
| 369 | 167WQD | Subsurface Variance Program (230) | 58.3 | | | |
| 369 | 158WQD | Subsurface Evaluations/Permit/Enforcement (230) | 60.7 | | | |
| 369 | 075R0D | Subsurface sewage disposal Permits & Asst. | 833.9 | | | |
| 360 | 231WQD | Water Monitoring | 556.4 | 15 | | |
| 359 | 105LWQ | Groundwater (231) | 9.0 | | | |
| 359 | 100LWQ | Estuaries Water Analyses (231) | 71.0 | | | |
| 359 | 099LWQ | Biology (Resolve Question) (231) | 146.2 | | | |
| 359 | 098LWQ | Water Supply Analyses (231) | 25.4 | | | |
| 359 | 097LWQ | Surface Water Monitoring (231) | 304.8 | | | |
| 350 | 232WQD | Water Planning and Analysis | 811.4 | 16 | | |
| 349 | 172WQD | Improve Data Storage & Retrieval (232) | 61.4 | | | |
| 349 | 171WQD | Restore Planning Capability (add pp.p.) | 154.1 | | | |
| 349 | 166WQD | Water Quality Management Plan Dev. & Update | 136.6 | | | |
| 349 | 165WQD | Special Water Quality Studies (232) | 78.8 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|--|-----------------|--------------------|---------|----------|
| 349 | 164WQD | Water Quality Problem/Progress Ident. (232) | 88.1 | | | |
| 349 | 163WQD | Data Storage/Retrieval/Display (232) | 52.6 | | | |
| 349 | 104LWQ | Special Studies--Laboratory-- (232) | 37.3 | | | |
| 349 | 096LWQ | STORET (also 109, 163, 172) (232) | 12.5 | | | |
| 340 | 233WQD | Experimental Systems | 374.3 | 16 | | |
| 339 | 078ROD | Soil Investigation services (230 & 233) | 141.0 | | | |
| 339 | 161WQD | Experimental OnSite Systems (See # 75) (233) | 101.2 | | | |
| 339 | 102LWQ | Subsurface (233) | 29.0 | | | |
| 330 | 217SWD | Sol.Waste.Plang. & Control | 1178.9 | 18 | | |
| 329 | 116LSW | Landfill leachates (217) | 55.5 | | | |
| 329 | 114LSW | Section Administration/Laboratory (217) | 8.5 | | | |
| 329 | 076ROD | Solid Waste Source Control--Regional Offices | 469.9 | | | |
| 329 | 063SWD | Operation of Recycling Information (217) | 157.7 | | | |
| 329 | 062SWD | Solid Waste Plan and Imple. (comb.w/69) | 270.8 | | | |
| 329 | 060SWD | Solid Waste Disposal Control (217) | 181.6 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|-------------------|---|------------------|--------------------|---------|----------|
| 320 | 212SWD | HW Min. St. Program | 223.6 | 18 | | |
| 319 | 061SWD | Hazardous Waste Disposal Control--(212) | 144.4 | | | |
| 319 | 118LSW | Alkali Lake--(212) | 31.5 | | | |
| 319 | 117LSW | Chem Nuclear--(212) | 22.1 | | | |
| 300 | 025AQD | Noise Vehicle Enforcement Effort | 73.8 | 18 | | |
| 290 | 222AQD | DB1 Port.Data Base Cont. | 182.4 | 18 | | |
| 289 | 139LAQ | Low Vol. part. size seg. (see 22, 205) | 153.4 | | | |
| 289 | 022AQD | Data Base Imprv.Pdx/Will. (see 139-205) | 30.0 | | | |
| 280 | 234WQD | Restore Water Sce. Cont. | 416.8 | 19 | | |
| 279 | 169WQD | Plan Review--(Relates to # 84)--(234) | 157.8 | | | |
| 279 | 080R0B | Restore Field Monitoring (Effluent Samples) | 264.3 | | | |
| 270 | 241AMD | Contract Cont. & Acctg. | 69.7 | 19 | | |
| 269 | 054AMD | Accounting System--(241) | 12.3 | | | |
| 269 | 050AMD | Contract Administration & Space Management | 57.4 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|------------------|--------------------|---------|----------|
| 260 | 236WQ | WQ Plng. Stud. | 279.7 | 19 | | |
| 259 | 110LWQ | ---Extended-Estuaries----- | 40.3 | | | |
| | | ------(236)----- | | | | |
| 259 | 109LWQ | ---(See-96,170,168)-Data-Base,-eval.-&-reporting--- | 33.1 | | | |
| 250 | 179WQD | Increase Planning Capability | 129.4 | 19 | | |
| 240 | 242AMD | Prgms. Coord. & Anal. | 311.2 | 19 | | |
| 239 | 214DEQ | ---Intgovt.&Current-LGDG-(198,45)--- | 132.5 | | | |
| 239 | 198DEQ | ---LGDG-Current-Effort-(51)----- | 0.0 | | | |
| | | ------(242)----- | | | | |
| 239 | 053AMD | ---Policy-Analysis----- | 70.0 | | | |
| | | ------(242)----- | | | | |
| 239 | 048AMD | ---Economic-Analysis----- | 58.8 | | | |
| | | ------(242)----- | | | | |
| 239 | 047AMD | ---Program-Planning-Coordination-(242)--- | 49.9 | | | |
| 239 | 045AMD | ---Intergovernmental-Coordination-NO-LGDG--- | 69.4 | | | |
| 230 | 052AMD | Graphic Artist | 45.3 | 19 | | |
| 220 | 085ROD | Sanitarian--Eastern Region | 47.0 | 19 | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 210 | 215DEQ | LCDC Loc.Pl.Rev.&Tech.Asst. | 472.0 | 20 | | |
| 209 | 200DEQ | LCDC Tech. Asst. (51) (215) | 216.0 | | | |
| 209 | 199DEQ | LCDC Local Plan Review (51) (215) | 256.0 | | | |
| 200 | 218SWD | Sol.Waste Restore & Improve | 373.3 | 20 | | |
| 199 | 121LSW | Increased Landfill Leachate Monitoring | 35.1 | | | |
| 199 | 071SWD | RCRA Procurement & SW Reduction Program | 45.5 | | | |
| 199 | 069SWD | Pub. Part. SW (Restore) (Comb.w-162) | 48.8 | | | |
| 199 | 068SWD | Solid Waste Data Base Development (Restore) | 34.5 | | | |
| 199 | 065SWD | Restore/Increase Recycling Information | 50.6 | | | |
| 199 | 120LSW | Resource Recovery (218) | 16.6 | | | |
| 190 | 203AQD | Field Burning R&D | 801.9 | 21 | | |
| 189 | 140LAQ | FB surveillance, monitoring network (203) | 330.1 | 21538.1 | | |
| 189 | 028AQD | Field Burning Technician (203) | 28.0 | 22346.6 | | |
| 189 | 024AQD | Field Burning Monitoring Program (203) | 31.0 | 21637.7 | | |
| 189 | 013AQD | Field Burning Research (203) | 778.6 | 16371.3 | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|-------------------|---|------------------|--------------------|---------|----------|
| 180 | 211SWD | HW Auth. RCRA | 193.5 | 21 | | |
| 179 | 119LSW | ---Special-Projects/Laboratories-(211)----- | 25.6 | | | |
| 179 | 072SWD | ---Pesticide-Container-Control-Prog---(211)----- | 28.3 | | | |
| 179 | 067SWD | ---RCRA-Hazardous-Waste-Mgt.-----(211)----- | 106.0 | | | |
| 179 | 066SWD | ---Hazardous-Waste-Manifest-System--(211)----- | 59.2 | | | |
| 170 | 208LAB | GC/MS | 221.6 | 21 | | |
| 169 | 154LAQ | ---Organic-Identification-by-GC/MS-(208)----- | 44.3 | 23078.6 | | |
| 169 | 122LSW | ---Organic-Identification-by-G.C./M.S.-(208)----- | 121.9 | 20939.8 | | |
| 169 | 106LWQ | ---Organic-identification-by-GC/MS-(208)----- | 55.4 | 20570. | | |
| 160 | 056AM | Additional Hearing Officer | 55.6 | 22 | | |
| 150 | 226AQD | Air Lab Qual.Assurance | 51.9 | 22 | | |
| 149 | 143LAQ | ---Quality-Assurance-of-Industrial-Emission-Anal.----- | 7.4 | | | |
| 149 | 137LAQ | ---Meterological-data-Quality-Assurance----- | 44.5 | | | |
| 140 | 219SW | RCRA Reqmts.--Solid Waste | 56.5 | 22 | | |
| 139 | 064SWD | ---Open-Dump-Inventory-Under-RCRA-----(219)----- | 56.5 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|--|------------------|--------------------|---------|----------|
| 130 | 245R0D | Increase WVR | 68.0 | 22 | | |
| 129 | 092R0D | Will. Valley Office Support | 12.5 | | | |
| 129 | 087R0D | Will. Valley Region Inspections | 55.5 | | | |
| 120 | 141AQ | Millersburg Special Monitoring | 16.8 | 22 | | |
| 110 | 089R0D | Management of Spill Response | 68.8 | 22 | | |
| 100 | 238WQD | Asst. Grant Proj. to Red. Cost | 245.4 | 22 | | |
| 099 | 191WQD | "Fast Tracks" Contract Management (238) | 122.7 | | | |
| 099 | 182WQD | Grant Management for Small Communities | 122.7 | | | |
| 090 | 026AQD | Eugene Air Strategy | 69.3 | 22 | | |
| 080 | 237WQ | Increase water source control | 460.4 | 23 | | |
| 079 | 108LWQ | Intralaboratory Quality Assurance (237) | 74.4 | | | |
| 079 | 107LWQ | Workload Increase/Biology (237) | 110.5 | | | |
| 079 | 084R0D | Sewer Insp. (see 169) (redo w. WQD) (237) | 220.0 | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 070 | 227AQ | Air Monit. Improvmt. | 72.2 | 23 | | |
| 069 | 146LAQ | SF-6-Tracer-Studies-(227) | 12.3 | | | |
| 069 | 142LAQ | Upper-Air-Sounding-Met.-system-(227) | 37.7 | | | |
| 069 | 136LAQ | Microscopic-Analysis-(227) | 22.2 | | | |
| 060 | 090ROD | SW Region Sanitarian | 47.0 | 23 | | |
| 050 | 032AQD | Indirect Source Permit Program | 64.6 | 23 | | |
| 040 | 197AMD | Buy Out Word Processing Leases | 0.0 | 23 | | |
| 030 | 031AQD | Airshed Study--The Dalles | 201.6 | 23 | | |
| 020 | 201DEQ | LCDC "everything else" | 111.8 | 23 | | |
| 010 | 058AMD | Tax Credit Program | 183.4 | 23 | | |
| 001 | 77BR0D | (10%-of-#77--Enforce-Air)-(210) | 9.0 | 7753.6 | | |
| 001 | 77AR0D | (14%-of-#77--Enforce-Air)-(210) | 12.7 | 16384. | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 001 | 210DEQ | ---Enforcement-(77,-77a,-77b)----- | 258.3 | | | |
| 001 | 083R0D | ---Eastern-Region-Environmental-Engineer----- | 61.5 | | | |
| 001 | 079R0D | ---SW-Planning-and-Subsurface-(Restore)----- | 406.4 | | | |
| 001 | 077R0D | ---Administration--DEQ's-formal-Enforcements-(210)- | 236.6 | 10416.8 | | |
| 001 | 051AMB | ---LCDC-(ALL-DEQ)-(198,-199,-200,-201)----- | 705.9 | 19963.5 | | |
| 000 | 93R0D | ---Southwest-Region-Chemist----- | | | | |
| 000 | 82R0D | ---Coordination--LCDC----- | | | | |
| 000 | 35AQD | ---LCDC-Coordination----- | | | | |
| 000 | 34AQD | ---Noise-Control--Land-Use-Plan----- | | | | |
| 000 | 33AQD | ---Program-Operations--Major-Plan----- | | | | |
| 000 | 27AQD | ---Data-Processing----- | | | | |
| 000 | 243R0D | ---Restore/Improve-AQ-Sec.-Comp-(part-80,-) | 73.6 | | | |
| 000 | 23AQD | ---Clean-Air-Act-Subprogram----- | | | | |
| 000 | 196WQD | ---Restore-Water-Supply-Analysis----- | | | | |
| 000 | 195WQD | ---Tax-Credits----- | | | | |
| 000 | 194WQD | ---Step-III-Grant-Delegation----- | 393.7 | 25061. | | |
| 000 | 193WQD | ---Step-II-Grant-Delegation----- | 196.6 | 25656. | | |
| 000 | 192WQD | ---Step-I-Grant-Delegation----- | 215.0 | 25459.4 | | |
| 000 | 190WQD | ---Expand-Roseburg-Subsurface-staff----- | | | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 000 | 189WQB | ---Provide-Spill-Coordination----- | | | | |
| 000 | 188WQB | ---Increase-Soils-Staff----- | | | | |
| 000 | 187WQB | ---Expand-Staff-Will.-Valley-Region----- | | | | |
| 000 | 186WQB | ---Expand-Staff-Subsurface-ERQ----- | | | | |
| 000 | 185WQB | ---Establish-Construction-Inspection----- | | | | |
| 000 | 184WQB | ---Expand-Estuary-Monitoring----- | | | | |
| 000 | 183WQB | ---LCDC-Coordination-(See-Agency-Mgt.)----- | | | | |
| 000 | 181WQB | ---Assume-Federal-Facility-Permit-Issuance----- | 61.4 | 23873.5 | | |
| 000 | 180WQB | ---Provide-Capability-for-Source----- | | | | |
| 000 | 177WQB | ---Develop-Toxics-Analysis-Capability----- | | | | |
| 000 | 176WQB | ---Increase-Eastern-Region-Technical----- | | | | |
| 000 | 175WQB | ---Restore-Compliance-Assurance----- | | | | |
| 000 | 174WQB | ---Restore-Subsurface-Technical----- | | | | |
| 000 | 173WQB | ---Monitor-Groundwater----- | | | | |
| 000 | 168WQB | ---Planning-Contract-Administration----- | | | | |
| 000 | 162WQB | ---Water-Quality-Monitoring----- | | | | |
| 000 | 160WQB | ---Complaints/Spills----- | | | | |
| 000 | 155LAQ | ---Consulting-Service-&-Analysis-AQ----- | 13.4 | 24099.7 | | |
| 000 | 153LAQ | ---Data-Handling-Pkg.-for-Lab-Analysis----- | 22.2 | 24173.1 | | |

RANKING FOR ENVIRONMENTAL QUALITY COMMISSION--7/26/78
(PACKAGES DELETED AND/OR INCLUDED IN NEW PACKAGES)

| Rank | Number | Title | Package Dollars | Cumulative Dollars | Percent | Comments |
|------|--------|---|-----------------|--------------------|---------|----------|
| 000 | 152LAQ | Retractable Booms-KPTV-Tower site | 36.3 | 24150.9 | | |
| 000 | 150LAQ | Pollen Sampling and analysis | 34.6 | 24648.5 | | |
| 000 | 148LAQ | Special Analysis/AQ Laboratory | 15.7 | 24011.9 | | |
| 000 | 147LAQ | Analysis for sulfur in oil | 1.1 | 24230.7 | | |
| 000 | 145LAQ | Particle Fallout Network | 4.4 | 23534.1 | | |
| 000 | 144LAQ | Quality Assurance, Software-DAS | 55.1 | | | |
| 000 | 138LAQ | Pollution standards-Index software | 26.1 | | | |
| 000 | 115LSW | Repair and Maintenance/Laboratory | | | | |
| 000 | 111LWQ | Water Supply Analyses | 18.8 | 24667.3 | | |
| 000 | 094R0D | SW-Region-ET-3-Medford | 45.7 | 22929.2 | | |
| 000 | 088R0D | Soil Investigation services | 55.5 | 23589.6 | | |
| 000 | 086R0D | Office Support-Eastern Region | 25.0 | 18568.7 | | |
| 000 | 070SWD | Improving Solid Waste Control | 56.5 | 24229.6 | | |
| 000 | 057AMB | Modular Furniture | 14.9 | 24114.6 | | |
| 000 | 055AMB | Training, Affirmative Action and Safety | 58.8 | | | |
| 000 | 049AMB | Central Stores | 35.2 | 23624.8 | | |

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
FY 1979 PRIORITY POINTS LIST
Proposed for Adoption on August 25, 1978
(Priority Point Breakdown)

ATTACHMENT III

| Project | Need Category | Regulatory Emphasis | PEP | Stream Segment Points | Project Type Points | Step Status | Total Points | Priority No. |
|---|---------------|---------------------|-----|-----------------------|---------------------|-------------|--------------|--------------|
| PORTLAND SE RELIEVING PHASE 2 - WILL BE CERTIFIED FROM FY 78 FUNDS - GRANT INCR | | | | | | | | |
| CORVALLIS - INCREASE | * | | | | | | | 1 |
| LAKE OSWEGO - WILLAM-MARYL INCR | * | | | | | | | 2 |
| TILLAMOOK CITY | * | | | | | | | 3 |
| BROWNSVILLE | * | | | | | | | 4 |
| LAKESIDE | * | | | | | | | 5 |
| PRINEVILLE - LAUGHLIN | * | | | | | | | 6 |
| BEND - INCREASE | * | | | | | | | 7 |
| ROSEBURG METRO | * | | | | | | | 8 |
| CANYONVILLE | * | | | | | | | 9 |
| MT. VERNON | * | | | | | | | 10 |
| HILLSBORO - IRRIGATION | * | | | | | | | 11 |
| HARRISBURG | * | | | | | | | 12 |
| MONMOUTH | * | | | | | | | 13 |
| INDEPENDENCE | * | | | | | | | 14 |
| EUGENE-MWMC | * | | | | | | | 15 |
| DUNDEE | * | | | | | | | 16 |
| USA - ROCK CREEK TRUNK | * | | | | | | | 17 |
| GOLD HILL | * | | | | | | | 18 |
| REEDSPORT | * | | | | | | | 19 |
| PORTLAND - SLUDGE | * | | | | | | | 20 |
| LAGRANDE - ISLAND CITY | * | | | | | | | 21 |
| HAMMOND | * | | | | | | | 22 |
| GERVAIS | * | | | | | | | 23 |
| WILLAMINA | * | | | | | | | 24 |
| WOODBURN | * | | | | | | | 25 |
| ROCKAWAY | * | | | | | | | 26 |
| LINCOLN CITY -PHASE II | * | | | | | | | 27 |
| HERMISTON | * | | | | | | | 28 |
| SHADY COVE | * | | | | | | | 29 |
| ROSEBURG - 1/1 CORRECTION | * | | | | | | | 30 |
| ST PAUL | * | | | | | | | 31 |
| HAINES | * | | | | | | | 32 |
| BCVSA - WESTSIDE TRUNK | * | | | | | | | 33 |
| DAYTON | * | | | | | | | 34 |
| BCVSA-JACKSONVILLE | * | | | | | | | 35 |
| BCVSA - WHITE CITY | * | | | | | | | 36 |
| PORTLAND SE RELIEVING PH3 | * | | | | | | | 37 |
| PORTLAND SE RELIEVING PH4 | * | | | | | | | 37 |
| SILVERTON | A | 150 | .5 | 79.82 | 10 | 2 | A242.32 | 38 |
| PORTLAND - 45TH DRIVE | A | 150 | .1 | 48.00 | 3 | 3 | A204.10 | 39 |
| CORVALLIS - SW ANNEXATION | A | 150 | .2 | 48.00 | 3 | 1 | A202.20 | 40 |
| WARRENTON | A | 150 | .2 | 40.00 | 10 | 1 | A201.20 | 41 |
| MEDFORD - FOOTHILLS-LONEPINE | A | 150 | .1 | 46.00 | 3 | 2 | A201.10 | 42 |
| ROSEBURG - RIFLE RANGE RD | A | 150 | | 44.00 | 3 | 2 | A199.00 | 43 |
| TERREBONNE AREA | A | 150 | .2 | 36.00 | 7 | 1 | A194.20 | 44 |
| WESTSIDE SD | A | 150 | .1 | 38.00 | 3 | 2 | A193.10 | 45 |
| MADRAS | A | 150 | .2 | 36.00 | 3 | 2 | A191.20 | 46 |
| COTTAGE GROVE | B | 150 | .7 | 73.00 | 10 | 2 | B235.70 | 47 |
| DONALD | B | 150 | | 48.00 | 7 | 2 | B207.00 | 48 |
| SALEM - 1/1 CORRECTION | B | 90 | 7.7 | 93.45 | 10 | 1 | B202.15 | 49 |
| WAUNA-WESTPORT | B | 150 | .1 | 40.00 | 7 | 2 | B199.10 | 50 |
| TRI-CITY - COUNTY | B | 90 | 3.3 | 93.45 | 10 | 2 | B198.75 | 51 |
| ASTORIA - WILLIAMSPORT INT | B | 150 | | 40.00 | 3 | 2 | B195.00 | 52 |
| IONE | B | 150 | | 34.00 | 7 | 2 | B193.00 | 53 |
| COOS BAY - 1/1 CORRECTION | B | 90 | 1.4 | 82.00 | 10 | 1 | B184.40 | 54 |
| PORTLAND - ELK ROCK INT | B | 80 | .3 | 93.45 | 5 | 3 | B181.75 | 55 |
| MEDFORD STP EXPANSION | B | 90 | 3.7 | 58.50 | 10 | 1 | B163.20 | 56 |
| FALLS CITY | B | 80 | .1 | 61.64 | 7 | 1 | B149.74 | 57 |
| CLACKAMAS CO - RHODOWELCHES | B | 80 | .1 | 38.67 | 7 | 2 | B127.77 | 58 |

| Project | Need Category | Regulatory Emphasis | PEP | Stream Segment Points | Project Type Points | Step Status | Total Points | Priority No. |
|-----------------------------------|---------------|---------------------|------|-----------------------|---------------------|-------------|--------------|--------------|
| SW LINCOLN CO SD | B | 80 | .1 | 32.00 | 7 | 1 | B120.10 | 59 |
| KLAMATH FALLS REGIONAL STANFIELD | C | 150 | 4.1 | 68.00 | 10 | 2 | C234.10 | 60 |
| E MULTNOMAH CO CONSORTIUM SEASIDE | C | 150 | .1 | 67.33 | 10 | 2 | C229.43 | 61 |
| EAGLE POINT | C | 150 | 6.0 | 48.00 | 10 | 1 | C215.00 | 62 |
| USA - DURHAM SLUDGE | C | 150 | .5 | 48.33 | 10 | 2 | C210.83 | 63 |
| PRAIRIE CITY | C | 150 | .3 | 46.00 | 10 | 2 | C208.30 | 64 |
| CANNON BEACH | C | 90 | 10.0 | 95.73 | 10 | 2 | C207.73 | 65 |
| CLACKAMAS CO SD - KELLOGG SLUDGE | C | 150 | .1 | 45.00 | 10 | 2 | C207.10 | 66 |
| USA - GASTON | C | 150 | .1 | 40.00 | 10 | 2 | C202.10 | 67 |
| NEWBERG | C | 90 | 3.5 | 93.45 | 10 | 2 | C198.95 | 68 |
| NEWPORT | C | 90 | .1 | 95.73 | 10 | 2 | C197.83 | 69 |
| SHERIDAN | C | 90 | .9 | 93.45 | 10 | 2 | C196.35 | 70 |
| CARLTON | C | 150 | .7 | 32.00 | 10 | 1 | C193.70 | 71 |
| FLORENCE | C | 90 | .2 | 88.91 | 10 | 2 | C191.11 | 72 |
| PRINEVILLE | C | 90 | .1 | 86.64 | 10 | 2 | C188.74 | 73 |
| OAKRIDGE | C | 90 | .4 | 77.00 | 10 | 2 | C179.40 | 74 |
| LOWELL | C | 90 | .6 | 73.50 | 10 | 1 | C175.10 | 75 |
| ESTACADA | C | 90 | .4 | 70.73 | 10 | 2 | C173.13 | 76 |
| DALLAS | C | 90 | .1 | 70.73 | 10 | 2 | C172.83 | 77 |
| ELGIN | C | 90 | .2 | 68.45 | 10 | 2 | C170.65 | 78 |
| PHILOMATH | C | 90 | .8 | 63.91 | 10 | 2 | C166.71 | 79 |
| MONROE | C | 90 | .2 | 61.33 | 10 | 2 | C163.53 | 80 |
| SCIO | C | 90 | .3 | 59.36 | 10 | 1 | C160.66 | 81 |
| RAKER | C | 90 | .1 | 54.82 | 10 | 2 | C156.92 | 82 |
| JUNCTION CITY | C | 90 | .1 | 50.27 | 10 | 2 | C152.37 | 83 |
| MT ANGEL | C | 90 | 1.0 | 49.00 | 10 | 2 | C152.00 | 84 |
| CRESWELL | C | 90 | .3 | 48.00 | 10 | 2 | C150.30 | 85 |
| USA - BANKS | C | 90 | .3 | 48.00 | 10 | 2 | C150.30 | 86 |
| CORVALLIS AIRPORT | C | 90 | .2 | 48.00 | 10 | 2 | C150.20 | 87 |
| HALSEY | C | 90 | .1 | 48.00 | 10 | 2 | C150.10 | 88 |
| ENTERPRISE | C | 90 | .1 | 48.00 | 10 | 2 | C150.00 | 89 |
| HUBBARD | C | 90 | .1 | 48.00 | 10 | 1 | C149.10 | 90 |
| OAKLAND | C | 90 | .2 | 44.67 | 10 | 2 | C146.87 | 91 |
| DRAIN | C | 90 | .2 | 48.00 | 7 | 1 | C146.20 | 92 |
| USA - CEDAR MILL TRUNK | C | 90 | .1 | 44.00 | 10 | 2 | C146.10 | 93 |
| ST HELENS | C | 90 | .1 | 44.00 | 10 | 1 | C145.10 | 94 |
| RAINIER | C | 90 | .1 | 48.00 | 3 | 2 | C143.10 | 95 |
| TWIN ROCKS SD | C | 90 | .8 | 40.00 | 10 | 2 | C142.80 | 96 |
| HEPPNER | C | 90 | .2 | 40.00 | 10 | 2 | C142.20 | 97 |
| ATHENA | C | 90 | .1 | 40.00 | 10 | 2 | C142.10 | 98 |
| DUFUR | C | 90 | .1 | 34.00 | 10 | 1 | C135.20 | 99 |
| JOSEPH | C | 90 | .1 | 34.00 | 10 | 1 | C135.10 | 100 |
| ONTARIO | C | 90 | .1 | 30.00 | 10 | 2 | C132.10 | 101 |
| NORTH POWDER | C | 90 | .1 | 28.00 | 10 | 2 | C130.10 | 102 |
| FOSSIL | C | 90 | .8 | 26.00 | 10 | 2 | C128.80 | 103 |
| MILTON-FREEWATER | C | 90 | .1 | 24.00 | 10 | 2 | C126.00 | 104 |
| BURNS | C | 90 | .1 | 20.00 | 10 | 1 | C121.10 | 105 |
| GEARHART | C | 90 | .5 | 18.00 | 10 | 2 | C120.50 | 106 |
| MULTNOMAH CO - INVERNESS #8 | C | 90 | .4 | 16.00 | 10 | 1 | C117.40 | 107 |
| HAPPY VALLEY | D | 150 | .1 | 48.33 | 7 | 1 | D206.43 | 108 |
| CLATSOP PLAINS AREA | D | 150 | 3.0 | 48.00 | 3 | 2 | D206.00 | 109 |
| FT STEVENS STATE PARK | D | 150 | .1 | 48.00 | 3 | 2 | D203.10 | 110 |
| NORTH ALBANY SD | D | 150 | .1 | 40.00 | 7 | 1 | D198.10 | 111 |
| HIGHWAY 101 SD | D | 150 | .1 | 40.00 | 3 | 2 | D195.10 | 112 |
| MILL CITY | D | 80 | .6 | 91.18 | 3 | 2 | D176.78 | 113 |
| DEXTER AREA | D | 80 | .2 | 81.67 | 3 | 2 | D166.67 | 114 |
| COVE ORCHARD AREA | D | 80 | .2 | 75.27 | 7 | 1 | D163.47 | 115 |
| TURNER | D | 80 | .1 | 70.73 | 7 | 1 | D158.73 | 116 |
| | D | 80 | .1 | 48.00 | 7 | 2 | D137.00 | 117 |
| | D | 80 | .1 | 48.00 | 7 | 1 | D136.10 | 118 |

| Project | Need Category | Regulatory Emphasis | PEP | Stream Segment Points | Project Type Points | Step Status | Total Points | Priority No. |
|-----------------------------|---------------|---------------------|------|-----------------------|---------------------|-------------|--------------|--------------|
| GRANDE RONDE AREA | D | 80 | | 48.00 | 7 | 1 | D136.00 | 119 |
| SODAVILLE | D | 50 | | 77.55 | 7 | 1 | D135.55 | 120 |
| BCVSA-WHETSTONE | D | 80 | .2 | 46.00 | 3 | 1 | D130.20 | 121 |
| COLUMBIA CITY | D | 80 | .1 | 40.00 | 3 | 2 | D125.10 | 122 |
| CARMEL-FOULWEATHER SD | D | 80 | .1 | 32.00 | 7 | 2 | D121.10 | 123 |
| THE DALLES - FOLEY LAKES | D | 80 | | 30.00 | 3 | 2 | D115.00 | 124 |
| HOOD RIVER - WESTSIDE | D | 80 | | 30.00 | 3 | 2 | D115.00 | 125 |
| MAPLETON AREA | D | 50 | .1 | 52.00 | 7 | 1 | D110.10 | 126 |
| CAMAS VALLEY AREA | D | 50 | | 52.00 | 7 | 1 | D110.00 | 127 |
| IRRIGON | D | 50 | | 50.67 | 7 | 2 | D109.67 | 128 |
| NORTH PLAINS | D | 50 | .1 | 48.00 | 7 | 1 | D106.10 | 129 |
| BROOKS | D | 50 | | 48.00 | 7 | 1 | D106.00 | 130 |
| MERLIN - COLONIAL VALLEY | D | 50 | | 46.00 | 7 | 1 | D104.00 | 131 |
| ALBANY - DRAPERVILLE AREA | D | 50 | | 48.00 | 3 | 1 | D102.00 | 132 |
| MODOC POINT | D | 50 | | 38.00 | 7 | 1 | D 96.00 | 133 |
| SISTERS | D | 50 | .1 | 36.00 | 7 | 2 | D 95.10 | 134 |
| CPESCENT SD | D | 50 | | 36.00 | 7 | 1 | D 94.00 | 135 |
| LEXINGTON | D | 50 | | 34.00 | 7 | 2 | D 93.00 | 136 |
| PORTLAND COL BLVD RELIEVING | E | 50 | 10.0 | 93.45 | 3 | 1 | E157.45 | 137 |
| PORTLAND LOMBARD RELIEVING | E | 50 | 4.8 | 93.45 | 3 | 1 | E152.25 | 138 |
| PORTLAND - LINNTON INT | E | 50 | .2 | 93.45 | 5 | 1 | E149.65 | 139 |
| PORTLAND RIVERGATE INT | E | 50 | 1.3 | 93.45 | 3 | 1 | E148.75 | 140 |
| DETROIT | E | 50 | | 75.27 | 7 | 1 | E133.27 | 141 |
| VERNONIA | E | 50 | .2 | 70.56 | 10 | 1 | E131.76 | 142 |
| GRANTS PASS I/I | E | 50 | 1.4 | 58.50 | 10 | 1 | E120.90 | 143 |
| POWERS | E | 50 | .1 | 62.00 | 7 | 1 | E120.10 | 144 |
| VENETA | E | 50 | .2 | 48.00 | 10 | 1 | E109.20 | 145 |
| TANGENT | E | 50 | .1 | 48.00 | 7 | 1 | E106.10 | 146 |
| YONCALLA | E | 50 | .1 | 44.00 | 10 | 1 | E105.10 | 147 |
| BANDON | E | 50 | .2 | 42.00 | 10 | 2 | E104.20 | 148 |
| USA - REEDSVILLE TRUNK | E | 50 | .1 | 48.00 | 3 | 2 | E103.10 | 149 |
| USA - SUNSET TRUNK | E | 50 | .1 | 48.00 | 3 | 2 | E103.10 | 150 |
| LOSTINE | E | 50 | | 44.67 | 7 | 1 | E102.67 | 151 |
| WALLOWA LAKE SA | E | 50 | | 44.67 | 7 | 1 | E102.67 | 152 |
| ALBANY - NE INT | E | 50 | .1 | 48.00 | 3 | 1 | E102.10 | 153 |
| SCAPPOOSE | E | 50 | .3 | 40.00 | 10 | 1 | E101.30 | 154 |
| NESKOWIN SA | E | 50 | | 40.00 | 7 | 1 | E 98.00 | 155 |
| ROSEBURG - LOOKINGGLASS | E | 50 | | 44.00 | 3 | 1 | E 98.00 | 156 |
| LAPINE | E | 50 | | 36.00 | 7 | 1 | E 94.00 | 157 |
| HELIX | E | 50 | | 34.00 | 7 | 1 | E 92.00 | 158 |
| ODELL SD | E | 50 | | 30.00 | 10 | 1 | E 91.00 | 159 |
| BIGGS JUNCTION | E | 50 | | 36.00 | 3 | 1 | E 90.00 | 160 |
| REITH AREA | E | 50 | | 34.00 | 3 | 1 | E 88.00 | 161 |
| CASCADE LOCKS | E | 50 | | 30.00 | 3 | 1 | E 84.00 | 162 |
| GRESHAM - LINNEMAN | E | 50 | .1 | 22.00 | 3 | 2 | E 77.10 | 163 |
| SANDY | E | 50 | | 22.00 | 3 | 1 | E 76.00 | 164 |

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY
FY'79 SEWERAGE WORKS CONSTRUCTION GRANT PRIORITY LIST
Proposed for Adoption on August 25, 1978
(Target Schedules and Estimated Grant Dollars)

-4-

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|----------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|-------------|--------------|
| 342-01-1 | PORTLAND SE RELIEVNG | NA | FA | TNT | 3 | 5000 | 0778 | 0778 | PHASE2-INCR | |
| 355 | CORVALLIS-AMENDED | 002636 | 06 | STP IMP | 2 | 411 | 0879 | | INCR | 1 |
| 440-01-1 | LAKE OSWEGO-MARYL | NA | | TNT | 3 | 80 | 0678 | | INCR | 2 |
| 440-01-1 | LAKE OSWEGO-MARYL | NA | | COLL | 3 | 600 | 1078 | | INCR | 2 |
| 505 | TILLAMOOK CITY | 002066 | 16 | STP IMP | 3 | 915 | 0778 | 0878 | | 3 |
| 428 | BROWNSVILLE | 002008 | 36 | STP IMP | 3 | 380 | 0978 | | | 4 |
| 530 | LAKESIDE | 002999 | 33 | STP,INT | 3 | 1600 | 0978 | | | 5 |
| 545 | PRINEVILLE-LAUGHLIN | NA | 43 | TNT | 3 | 275 | 0379 | | | 6 |
| 486-02 | BEND PHASE 1B | NA | 56 | SYSTEM | 3 | 13000 | 1178 | | | 7 |
| 487-03 | ROSEBURG METRO | 002258 | 14 | STP,INT | 3 | 2000 | 0779 | | PHASED | 8 |
| 488 | CANYONVILLE | 002072 | 33 | STP IMP | 3 | 1050 | 1178 | | | 9 |
| 439 | MT VERNON | NA | 01 | STP,INT | 3 | 586 | 0878 | | | 10 |
| 489 | HILLSBORO IRRIGATION | 002334 | 38 | STP IMP | 3 | 610 | 0379 | | | 11 |
| 490 | HARRISBURG | 002075 | 52 | STP IMP | 3 | 673 | 0878 | | | 12 |
| 625 | MONMOUTH | 002061 | 09 | STP | 3 | 547 | 0878 | | | 13 |
| 640 | INDEPENDENCE | 102044 | 09 | STP | 3 | 812 | 0878 | | | 14 |
| 624 | EUGENE-MWMC | NA | 14 | REHAB | 2 | 400 | 1178 | | INCR | 15 |
| 624 | EUGENE-MWMC | NA | 14 | STP,INT | 3 | 4500 | 0179 | | PHASED | 15 |
| 626 | DUNDEE | 002238 | 84 | STP IMP | 3 | 216 | 0379 | | | 16 |
| 611 | USA-ROCK CK TRUNK | NA | 16 | TNT | 3 | 2200 | 0479 | | | 17 |
| 413 | GOLD HILL | 002259 | 33 | STP IMP | 3 | 1080 | 0978 | | | 18 |
| 556 | REEDSPORT | 002082 | 33 | STP IMP | 3 | 3000 | 0978 | | | 19 |
| 557-03 | PORTLAND SLUDGE | 002690 | 06 | STP IMP | 3 | 13000 | 0978 | FY78 | PHASE1 | 20 |
| 557 | PORTLAND SLUDGE | 002690 | FA | STP IMP | 2 | 300 | 1278 | | PHASE 2 | 20 |
| 475 | LAGRANDE-ISLAND CITY | 002046 | 12 | STP IMP | 3 | 360 | 0678 | 0678 | PHASE 1 | 21 |
| 475 | LA GRANDE-ISLAND CTY | 002046 | 12 | STP,INT | 3 | 2600 | 0878 | | INCR-PH2 | 21 |
| 502 | HAMMOND | 002274 | 43 | TNT | 3 | 810 | 0179 | | | 22 |
| 476 | GERVAIS | 002739 | 09 | STP,INT | 3 | 414 | 0279 | | | 23 |
| 507 | WILLAMINA | 102271 | 47 | STP IMP | 3 | 210 | 0978 | | | 24 |
| 509 | WOODBURN | 002000 | 16 | STP, INT | 3 | 1600 | 0678 | 0678 | SCHED A | 25 |
| 509 | WOODBURN | 002000 | 16 | STP,INT | 3 | 3900 | 0778 | 0778 | SCHED B | 25 |
| 273 | ROCKAWAY | 002330 | 33 | STP IMP | 3 | 1980 | 1278 | | | 26 |
| 559 | LINCOLN CITY PHASE 2 | 002047 | 56 | STP,INT | 3 | 4120 | 1178 | | | 27 |
| 517 | HERMISTON | 002076 | 56 | STP,INT | 3 | 5768 | 1078 | | | 28 |
| 455 | SHADY COVE | NA | 30 | STP,INT | 3 | 625 | 1078 | | | 29 |
| 616 | ROSEBURG SEWER REHAB | 002258 | FA | STP,IMP | 2 | 601 | 0977 | 0977 | | 30 |
| 616 | ROSEBURG SEWER REHAB | 002258 | 14 | STP,IMP | 3 | 2000 | 0379 | | PHASED | 30 |
| 523 | ST PAUL | NA | 20 | STP,INT | 3 | 329 | 0479 | | | 31 |
| 587 | HAINES | | 01 | STP,INT | 3 | 253 | 1178 | | | 32 |
| 527 | BCVSA-WESTSIDE | NA | 14 | TNT | 2 | 41 | 0678 | 0678 | | 33 |
| 527 | BCVSA-WESTSIDE | NA | 14 | TNT | 3 | 960 | 0279 | | | 33 |
| 430 | DAYTON | 002363 | 84 | STP IMP | 2 | 38 | 0778 | | | 34 |
| 430 | DAYTON | 002363 | 84 | STP IMP | 3 | 356 | 0679 | | | 34 |
| 652 | BCVSA-JACKSONVILLE | 002079 | 30 | TNT | 2 | 38 | 0778 | 0678 | | 35 |
| 652 | BCVSA-JACKSONVILLE | 002079 | 30 | TNT | 3 | 495 | 0179 | | | 35 |
| 558 | BCVSA-WHITE CITY | 002246 | 14 | TNT | 2 | 22 | 0678 | 0578 | | 36 |
| 558 | BCVSA-WHITE CITY | 002246 | 14 | TNT | 3 | 600 | 0179 | | | 36 |
| 342-01-2 | PORTLAND SE RELIEVNG | NA | FA | TNT | 3 | 3000 | 0479 | | INCR-PHASE3 | 37 |
| 467 | SILVERTON | 002065 | 36 | STP, COLL | 2 | 85 | 1078 | | | 38 |
| 467 | SILVERTON | 002065 | 36 | STP, COLL | 3 | 650 | 0779 | | | 38 |
| 622 | PORTLAND-45TH DR | NA | FA | TNT, COLL | 3 | 406 | 1078 | | | 39 |
| 665 | CORVALLIS (SW ANNEX) | | | TNT, COLL | 1 | 30 | 1278 | | | 40 |
| 665 | CORVALLIS (SW ANNEX) | | | TNT, COLL | 2 | 100 | 0979 | | | 40 |
| 627 | MEDFORD-FOOTHILLS | NA | | TNT, COLL | 2 | 35 | 1178 | | | 42 |
| 627 | MEDFORD-FOOTHILLS | NA | | TNT, COLL | 3 | 270 | 0379 | | | 42 |
| 560 | ROSEBURG-RIFLE RNG | NA | | TNT&COLL | 2 | 25 | 0579 | | | 43 |
| 560 | ROSEBURG-RIFLE RNG | NA | | TNT&COLL | 3 | 110 | 0979 | | | 43 |
| 464 | TERREBONNE AREA | NA | | SYSTEM | 1 | 24 | 1178 | | | 44 |
| 464 | TERREBONNE AREA | NA | | SYSTEM | 2 | 72 | 0779 | | | 44 |
| 574 | WESTSIDE SD-K FALLS | | 32 | TNT, COLL | 2 | 80 | 1078 | | | 45 |

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|----------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|---------|--------------|
| 574 | WESTSIDE SD-K FALLS | | 32 | TNT, COLL | 3 | 850 | 0779 | | | 45 |
| 579 | MADRAS | NA | 14 | TNT, COLL | 2 | 135 | 0279 | | | 46 |
| 512 | COTTAGE GROVE | 002055 | 47 | STP, IMP | 2 | 150 | 0279 | | | 47 |
| 445 | DONALD | NA | 09 | STP, INT | 2 | 46 | 0179 | | | 48 |
| 445 | DONALD | NA | 09 | STP, INT | 3 | 384 | 0879 | | | 48 |
| 646 | SALEM | 002640 | | STP, IMP | 1 | 350 | 1078 | | | 49 |
| 437 | WAUNA-WESTPORT SD | NA | 16 | STP, INT | 2 | 70 | 1078 | | | 50 |
| 437 | WAUNA-WESTPORT SD | NA | 16 | STP, INT | 3 | 509 | 0879 | | | 50 |
| 493 | TRI CITY-COUNTY | NA | 56 | STP, INT | 2 | 1500 | 0379 | | | 51 |
| 619 | ASTORIA-WILLIAMSPT | NA | FA | TNT | 2 | 88 | 0878 | | | 52 |
| 619 | ASTORIA-WILLIAMSPT | NA | FA | TNT | 3 | 715 | 0479 | | | 52 |
| 583 | IONE | NA | 63 | STP, INT | 2 | 48 | 0779 | | | 53 |
| 628 | COOS BAY #1 | 002357 | | STP, IMP | 1 | 68 | 0878 | | | 54 |
| 628 | COOS BAY #1 | 002357 | | STP, IMP | 2 | 198 | 0879 | | | 54 |
| 605 | PORTLAND-ELK ROCK | NA | FA | TNT, COLL | 3 | 337 | 1178 | | | 55 |
| 599 | MEDFORD | 002626 | | STP, EXP | 1 | 90 | 1078 | | | 56 |
| 449 | FALLS CITY | | | STP, INT | 1 | 12 | 0179 | | | 57 |
| 526 | CLACKAMAS CO-RHODO | NA | 56 | STP, IMP | 2 | 150 | 1178 | | | 58 |
| 537 | SW LINCOLN CO SD | NA | 43 | STP, INT | 1 | 45 | 1078 | | | 59 |
| 537 | SW LINCOLN CO SD | NA | 43 | STP, INT | 2 | 254 | 0979 | | | 59 |
| 516 | KLAMATH FALLS REGION | 002630 | 33 | STP | 2 | 446 | 1178 | | | 60 |
| 565 | STANFIELD | 002697 | 67 | STP, IMP | 2 | 38 | 1078 | | | 61 |
| 565 | STANFIELD | 002697 | 67 | STP, IMP | 3 | 431 | 0679 | | | 61 |
| 653 | E MULT CO CONSORTIUM | | | STP, INT | 1 | 80 | 1078 | | | 62 |
| 503 | SEASIDE | 002040 | 56 | STP, IMP | 2 | 330 | 0179 | | | 63 |
| 429 | EAGLE POINT | 002229 | 87 | STP, IMP | 2 | 45 | 1078 | | | 64 |
| 429 | EAGLE POINT | 002229 | 87 | STP, IMP | 3 | 650 | 0779 | | | 64 |
| 634 | USA-DURHAM SLUDGE | 002760 | | STP, IMP | 2 | 288 | 0679 | | | 65 |
| 499 | PRAIRIE CITY | 102003 | 80 | STP, INT | 2 | 65 | 1278 | | | 66 |
| 499 | PRAIRIE CITY | 102003 | 80 | STP, INT | 3 | 532 | 0879 | | | 66 |
| 511 | CANNON BEACH | 002022 | 16 | STP, IMP | 2 | 150 | 1278 | | | 67 |
| 604 | CLACK CO-KELLOGG SL | 002622 | 16 | STP, IMP | 2 | 68 | 1278 | | | 68 |
| 575 | USA-GASTON | 002015 | 56 | STP, IMP | 2 | 72 | 1078 | | | 69 |
| 575 | USA-GASTON | 002015 | 56 | STP, IMP | 3 | 608 | 0379 | | | 69 |
| 494 | NEWBERG | 002025 | | STP | 2 | 169 | 1178 | | | 70 |
| 494 | NEWBERG | 002025 | | STP | 3 | 2250 | 0879 | | | 70 |
| 618 | NEWPORT | 002257 | | STP, IMP | 1 | 38 | 1078 | | | 71 |
| 618 | NEWPORT | 002257 | | STP, IMP | 2 | 200 | 0979 | | | 71 |
| 506 | SHERIDAN | 002064 | 47 | STP, IMP | 2 | 52 | 0878 | | | 72 |
| 506 | SHERIDAN | 002064 | 47 | STP, IMP | 3 | 248 | 0479 | | | 72 |
| 615 | CARLTON | 002054 | 84 | STP, IMP | 2 | 60 | 0978 | | | 73 |
| 615 | CARLTON | 002054 | 84 | STP, IMP | 3 | 465 | 0579 | | | 73 |
| 533 | FLORENCE | 002074 | 47 | STP, IMP | 2 | 69 | 0179 | | | 74 |
| 533 | FLORENCE | 002074 | 47 | STP, IMP | 3 | 600 | 0979 | | | 74 |
| 645 | PRINEVILLE | 002361 | 43 | STP, IMP | 2 | 130 | 1278 | | | 75 |
| 645 | PRINEVILLE | 002361 | 43 | STP, IMP | 3 | 1448 | 0879 | | | 75 |
| 514 | OAKRIDGE | 002231 | 47 | STP, IMP | 2 | 72 | 1178 | | | 76 |
| 514 | OAKRIDGE | 002231 | 47 | STP, IMP | 3 | 585 | 0979 | | | 76 |
| 573 | LOWELL | 002004 | 47 | STP, IMP | 2 | 92 | 1178 | | | 77 |
| 573 | LOWELL | 002004 | 47 | STP, IMP | 3 | 963 | 0879 | | | 77 |
| 594 | ESTACADA | 002057 | 16 | STP, IMP | 1 | 32 | 0878 | 0878 | | 78 |
| 515 | SCIO | 002930 | 36 | STP, IMP | 2 | 16 | 0179 | | | 83 |
| 515 | SCIO | 002930 | 36 | STP, IMP | 3 | 117 | 0779 | | | 83 |
| 431 | BAKER | 002069 | 12 | STP, IMP | 1 | 15 | 0978 | | INCR | 84 |
| 431 | BAKER | 002069 | 12 | STP, IMP | 2 | 176 | 0179 | | | 84 |
| 431 | BAKER | 002069 | 12 | STP, IMP | 3 | 1976 | 0879 | | | 84 |
| 458 | CORVALLIS AIRPORT | 002250 | 43 | STP | 2 | 57 | 0579 | | | 89 |
| 595 | HALSEY | 002239 | | STP, IMP | 1 | 13 | 1278 | | | 90 |
| 629 | DRAIN | 102964 | | STP, IMP | 1 | 10 | 0279 | | | 94 |
| 648 | HEPPNER | 102077 | 01 | STP, IMP | 1 | 14 | 0179 | | | 99 |

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|----------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|---------|--------------|
| 635 | ATHENA | 102281 | 01 | STP IMP | 1 | 16 0779 | | | | 100 |
| 651 | FOSSIL | 102853 | | STP IMP | 1 | 12 0379 | | | | 105 |
| 650 | BURNS | | | STP IMP | 1 | 12 0479 | | | | 107 |
| 558 | CLATSOP PLAINS AREA | NA | | STP,INT | 1 | 137 0878 | 0878 | | | 111 |
| 447 | MILL CITY | NA | 33 | STP,INT | 1 | 22 0479 | | | | 115 |
| 659 | DEXTER AREA | | | STP, INT | 1 | 8 0379 | | | | 116 |
| 642 | GRANDE RONDE AREA | NA | | STP,INT | 1 | 16 0179 | | | | 119 |
| 662 | SODAVILLE | | | STP, INT | 1 | 12 0379 | | | | 120 |
| 649 | CAMAS VALLEY AREA | | 03 | STP-UNC | 1 | 8 0979 | | | | 127 |
| 664 | ALBANY (DRAPERVILLE) | | | INT | 1 | 8 0978 | | | | 132 |
| 664 | ALBANY (DRAPERVILLE) | | | INT | 2 | 16 0479 | | | | 132 |
| 664 | ALBANY (DRAPERVILLE) | | | INT | 3 | 180 0979 | | | | 132 |
| 546 | CRESCENT SD | | 11 | STP,INT | 1 | 12 1078 | | | | 135 |
| 477 | DETROIT | | | STP,INT | 1 | 16 0479 | | | | 141 |
| 601 | WALLOWA LAKE SA | NA | | STP,INT | 1 | 10 1278 | | | | 152 |
| 663 | SCAPPOOSE | | | STP IMP | 1 | 20 0779 | | | | 154 |
| 551 | SANDY | NA | 05 | INT | 1 | 8 0379 | | | | 164 |

STATE OF OREGON
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 EXTENDED PRIORITY LIST FY'80 AND BEYOND
 Proposed for Adoption on August 25, 1978
 (Target Schedules and Estimated Grant Dollars)

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|------------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|-------------|--------------|
| 355 | CORVALLIS-AMENDED | 002636 | 06 | STP IMP | 3 | 6000 | 0580 | | INCR | 1 |
| 486-01-2 | BEND PHASE II | NA | 03 | INT&COLL | 3 | 6000 | 1279 | | INCR | 7 |
| 487-03 | ROSEBURG METRO | 002258 | 14 | STP,INT | 3 | 8000 | 1279 | | PHASED | 8 |
| 624 | EUGENE-MWMC | NA | 14 | STP,INT | 3 | 25500 | 1179 | | PHASED | 15 |
| 624 | EUGENE-MWMC | NA | | STP,INT | 3 | 30000 | 1080 | | PHASED | 15 |
| 557 | PORTLAND SLUDGE | 002690 | FA | STP IMP | 3 | 5000 | 0380 | | PHASE 2 | 20 |
| 616 | ROSEBURG SEWER REHAB | 002258 | 14 | STP,IMP | 3 | 4000 | 1179 | | PHASED | 30 |
| 342-01-3 | PORTLAND SE RELIEVNGNA | | FA | INT | 3 | 1000 | 0480 | | INCR-PHASE4 | 37 |
| 665 | CORVALLIS (SW ANNEX) | | | INT,COLL | 3 | 900 | 0780 | | | 40 |
| 596 | WARRENTON | 002087 | | STP IMP | 2 | 66 | 0280 | | | 41 |
| 596 | WARRENTON | 002087 | | STP IMP | 3 | 528 | 0181 | | | 41 |
| 464 | TERREBONNE | NA | | SYSTEM | 3 | 880 | 0380 | | | 44 |
| 579 | MADRAS | NA | 14 | INT,COLL | 3 | 1100 | 1179 | | | 46 |
| 512 | COTTAGE GROVE | 002055 | 47 | STP IMP | 3 | 3100 | 0180 | | | 47 |
| 646 | SALEM | 002640 | | STP IMP | 2 | 513 | 1279 | | | 49 |
| 646 | SALEM | 002640 | | STP IMP | 3 | 2908 | 0880 | | | 49 |
| 493 | TRI CITY-COUNTY | NA | 56 | STP,INT | 3 | 22500 | 1081 | | | 51 |
| 583 | IONE | NA | 63 | STP,INT | 3 | 482 | 0680 | | | 53 |
| 628 | COOS BAY #1 | 002357 | | STP IMP | 3 | 1403 | 0880 | | | 54 |
| 599 | MEDFORD | 002626 | | STP EXP | 2 | 440 | 0680 | | | 56 |
| 599 | MEDFORD | 002626 | | STP EXP | 3 | 12000 | 1081 | | | 56 |
| 449 | FALLS CITY | | | STP,INT | 2 | 52 | 0180 | | | 57 |
| 49 | FALLS CITY | | | STP,INT | 3 | 454 | 0181 | | | 57 |
| 526 | CLACKAMAS CO-RHODO | NA | 56 | STP INT | 3 | 2000 | 1079 | | | 58 |
| 537 | SW LINCOLN CO SD | NA | 43 | STP,INT | 3 | 2200 | 1180 | | | 59 |
| 516 | KLAMATH FALLS REGION | 002630 | 33 | STP | 3 | 6050 | 1079 | | | 60 |
| 653 | E MULT CO CONSORTIUM | | | STP,INT | 2 | 450 | 0180 | | | 62 |
| 653 | E MULT CO CONSORTIUM | | | STP,INT | 3 | 5000 | 0381 | | | 62 |
| 503 | SEASIDE | 002040 | 56 | STP IMP | 3 | 2440 | 1279 | | | 63 |
| 634 | USA DURHAM SLUDGE | 002760 | | STP IMP | 3 | 2000 | 0880 | | | 65 |
| 511 | CANNON BEACH | 002022 | 16 | STP IMP | 3 | 1367 | 1079 | | | 67 |
| 604 | CLACK CO-KELLOGG SL | 002622 | 16 | STP IMP | 3 | 1100 | 1079 | | | 68 |
| 618 | NEWPORT | 002257 | | STP IMP | 3 | 2000 | 0680 | | | 71 |
| 594 | ESTACADA | 002057 | 16 | STP IMP | 2 | 80 | 0180 | | | 78 |
| 594 | ESTACADA | 002057 | 16 | STP IMP | 3 | 715 | 0880 | | | 78 |
| 592 | DALLAS | 002073 | 14 | STP IMP | 2 | 42 | 1079 | | | 79 |
| 592 | DALLAS | 002073 | 14 | STP IMP | 3 | 312 | 1180 | | | 79 |
| 472 | ELGIN | 002243 | 01 | STP IMP | 2 | 41 | 0380 | | | 80 |
| 472 | ELGIN | 002243 | 01 | STP IMP | 3 | 396 | 0181 | | | 80 |
| 620 | PHILOMATH | 002050 | 14 | STP IMP | 1 | 26 | 1279 | | | 81 |
| 620 | PHILOMATH | 002050 | 14 | STP IMP | 2 | 84 | 0780 | | | 81 |
| 620 | PHILOMATH | 002050 | 14 | STP IMP | 3 | 770 | 0581 | | | 81 |
| 569 | MONROE | 002920 | 47 | STP IMP | 2 | 26 | 1279 | | | 82 |
| 569 | MONROE | 002920 | 47 | STP IMP | 3 | 184 | 0880 | | | 82 |
| 496 | JUNCTION CITY | 002656 | 09 | STP IMP | 2 | 32 | 0980 | | | 85 |
| 496 | JUNCTION CITY | 002656 | 09 | STP IMP | 3 | 272 | 0581 | | | 85 |
| 588 | MT ANGEL | 002876 | 84 | STP IMP | 2 | 38 | 1179 | | | 86 |
| 588 | MT ANGEL | 002876 | 84 | STP IMP | 3 | 330 | 0780 | | | 86 |
| 553 | CRESWELL | 002754 | 40 | STP IMP | 2 | 84 | 0180 | | | 87 |
| 513 | CRESWELL | 002754 | 40 | STP IMP | 3 | 495 | 1180 | | | 87 |
| 576 | USA-BANKS | 002012 | 02 | STP IMP | 2 | 65 | 0280 | | | 88 |
| 576 | USA-BANKS | 002012 | 02 | STP IMP | 3 | 495 | 1280 | | | 88 |
| 458 | CORVALLIS AIRPORT | 002250 | 43 | STP IMP | 3 | 398 | 0280 | | | 89 |
| 595 | HALSEY | 002239 | | STP IMP | 2 | 33 | 1279 | | | 90 |
| 595 | HALSEY | 002239 | | STP IMP | 3 | 355 | 1080 | | | 90 |
| 554 | ENTERPRISE | 002056 | 01 | STP IMP | 2 | 34 | 1079 | | | 91 |
| 554 | ENTERPRISE | 002056 | 01 | STP IMP | 3 | 370 | 0980 | | | 91 |
| 643 | HUBBARD | 102059 | | STP IMP | 1 | 40 | 0681 | | | 92 |
| 643 | HUBBARD | 102059 | | STP IMP | 2 | 76 | 0182 | | | 92 |
| 643 | HUBBARD | 102059 | | STP,INT | 3 | 583 | 1182 | | | 92 |

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|---------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|-----------|--------------|
| 617 | OAKLAND | 002049 | 47 | STP IMP | 2 | 49 | 0180 | | | 93 |
| 617 | OAKLAND | 002049 | 47 | STP IMP | 3 | 330 | 1280 | | | 93 |
| 629 | DRAIN | 102964 | | STP IMP | 2 | 32 | 1279 | | | 94 |
| 629 | DRAIN | 102964 | | STP IMP | 3 | 382 | 0980 | | | 94 |
| 649 | USA - CEDAR MILLS | | | INT | 2 | 9 | 0182 | | STP ELIM. | 95 |
| 649 | USA - CEDAR MILLS | | | INT | 3 | 100 | 0982 | | STP ELIM. | 95 |
| 539 | ST HELENS | 002083 | 86 | STP,INT | 2 | 65 | 1279 | | | 96 |
| 609 | ST HELENS | 002083 | 86 | STP,INT | 3 | 1223 | 1180 | | | 96 |
| 586 | RAINIER | 002038 | 86 | STP IMP | 2 | 47 | 0280 | | | 97 |
| 586 | RAINIER | 002038 | 86 | STP IMP | 3 | 552 | 0281 | | | 97 |
| 647 | TWIN ROCKS SD | 002349 | 50 | STP IMP | 2 | 60 | 0180 | | | 98 |
| 647 | TWIN ROCKS SD | 002349 | 50 | STP IMP | 3 | 275 | 0181 | | | 98 |
| 648 | HEPPNER | 102077 | 01 | STP IMP | 2 | 52 | 1179 | | | 99 |
| 648 | HEPPNER | 102077 | 01 | STP IMP | 3 | 600 | 0780 | | | 99 |
| 635 | ATHENA | 102281 | 01 | STP IMP | 2 | 31 | 0980 | | | 100 |
| 635 | ATHENA | 102281 | 01 | STP IMP | 3 | 362 | 0681 | | | 100 |
| 473 | DUFUR | 002905 | 63 | STP IMP | 2 | 14 | 0380 | | | 101 |
| 473 | DUFUR | 002905 | 63 | STP IMP | 3 | 113 | 0181 | | | 101 |
| 519 | JOSEPH | 002060 | 01 | STP IMP | 2 | 12 | 1179 | | | 102 |
| 519 | JOSEPH | 002060 | 01 | STP IMP | 3 | 86 | 0880 | | | 102 |
| 518 | ONTARIO | 002062 | 12 | STP IMP | 2 | 48 | 1179 | | | 103 |
| 518 | ONTARIO | 002062 | 12 | STP IMP | 3 | 423 | 1180 | | | 103 |
| 564 | NORTH POWDER | 002240 | 47 | STP IMP | 2 | 10 | 0281 | | | 104 |
| 564 | NORTH POWDER | 002240 | 47 | STP IMP | 3 | 68 | 1181 | | | 104 |
| 651 | FOSSIL | 102853 | | STP IMP | 2 | 38 | 1181 | | | 105 |
| 651 | FOSSIL | 102853 | | STP IMP | 3 | 350 | 0882 | | | 105 |
| 589 | MILTON-FREEWATER | 002278 | 16 | STP IMP | 2 | 258 | 1079 | | | 106 |
| 589 | MILTON-FREEWATER | 002278 | 16 | STP IMP | 3 | 2800 | 0980 | | | 106 |
| 650 | BURNS | | | STP IMP | 2 | 38 | 0180 | | | 107 |
| 650 | BURNS | | | STP IMP | 3 | 350 | 0281 | | | 107 |
| 641 | GEARHART | NA | | STP | 2 | 80 | 0380 | | | 108 |
| 641 | GEARHART | NA | | STP | 3 | 632 | 1280 | | | 108 |
| 426 | MULCO-INVERNESS #8 | NA | | INT | 2 | 200 | 1079 | | | 109 |
| 426 | MULCO-INVERNESS #8 | NA | | INT | 3 | 3100 | 0880 | | | 109 |
| 567 | HAPPY VALLEY | NA | 27 | INT | 2 | 38 | 1079 | | | 110 |
| 567 | HAPPY VALLEY | NA | 27 | INT | 3 | 330 | 0980 | | | 110 |
| 636 | FT STEVENS STATE PK | NA | | INT | 1 | 3 | 0381 | | | 112 |
| 636 | FT STEVENS STATE PK | NA | | INT | 2 | 28 | 1281 | | | 112 |
| 636 | FT STEVENS STATE PK | NA | | INT | 3 | 225 | 0782 | | | 112 |
| 521 | N ALBANY SD | NA | 09 | INT | 2 | 129 | 0482 | | | 113 |
| 521 | N ALBANY SD | NA | 09 | INT | 3 | 1233 | 0403 | | | 113 |
| 532 | HWY 101 SD | NA | | INT | 2 | 23 | 1081 | | | 114 |
| 532 | HWY 101 SD | NA | | INT | 3 | 200 | 0882 | | | 114 |
| 447 | MILL CITY | NA | 33 | STP,INT | 2 | 91 | 0580 | | | 115 |
| 447 | MILL CITY | NA | 33 | STP,INT | 3 | 709 | 0681 | | | 115 |
| 659 | DEXTER AREA | | | STP,INT | 2 | 12 | 0380 | | | 116 |
| 659 | DEXTER AREA | | | STP,INT | 3 | 110 | 0381 | | | 116 |
| 539 | COVE ORCHARD AREA | NA | | STP,INT | 2 | 31 | 0681 | | | 117 |
| 639 | COVE ORCHARD AREA | NA | | STP,INT | 3 | 362 | 0482 | | | 117 |
| 443 | TURNER | NA | 09 | STP,INT | 1 | 16 | 1279 | | | 118 |
| 443 | TURNER | NA | 09 | STP,INT | 2 | 72 | 0980 | | | 118 |
| 443 | TURNER | NA | 09 | STP,INT | 3 | 568 | 0481 | | | 118 |
| 642 | GRANDE RONDE AREA | NA | | STP,INT | 2 | 31 | 1179 | | | 119 |
| 642 | GRANDE RONDE AREA | NA | | STP,INT | 3 | 362 | 1180 | | | 119 |
| 662 | SODAVILLE | | | STP,INT | 2 | 40 | 0480 | | | 120 |
| 662 | SODAVILLE | | | STP,INT | 3 | 380 | 0581 | | | 120 |
| 607 | BCVSA-WHETSTONE | NA | | INT | 1 | 13 | 0181 | | | 121 |
| 607 | BCVSA-WHETSTONE | NA | | INT | 2 | 77 | 0981 | | | 121 |
| 607 | BCVSA-WHETSTONE | NA | | INT | 3 | 550 | 0882 | | | 121 |
| 356 | COLUMBIA CITY | 002071 | | INT | 2 | 23 | 0281 | | | 122 |

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|------------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|---------|--------------|
| 356 | COLUMBIA CITY | 002071 | | TNT | 3 | 220 | 0282 | | | 122 |
| 542 | CARMEL-FOULWEATHER | NA | 43 | STP,INT | 2 | 113 | 1179 | | | 123 |
| 542 | CARMEL-FOULWEATHER | NA | 43 | STP,INT | 3 | 1238 | 0780 | | | 123 |
| 572 | THE DALLES-FOLEY | NA | 63 | INT | 2 | 22 | 1279 | | | 124 |
| 572 | THE DALLES-FOLEY | NA | 63 | INT | 3 | 110 | 0980 | | | 124 |
| 577 | HOOD RIVER WESTSIDE | NA | 63 | INT | 2 | 15 | 0382 | | | 125 |
| 577 | HOOD RIVER WESTSIDE | NA | 63 | INT | 3 | 122 | 0982 | | | 125 |
| 442 | MAPLETON AREA | | | STP, INT | 1 | 50 | 1179 | | | 126 |
| 442 | MAPLETON AREA | | | STP, INT | 2 | 100 | 1080 | | | 126 |
| 442 | MAPLETON AREA | | | STP, INT | 3 | 950 | 0981 | | | 126 |
| 649 | CAMAS VALLEY AREA | | 03 | STP-UNC | 2 | 18 | 1280 | | | 127 |
| 649 | CAMAS VALLEY AREA | | 03 | STP-UNC | 3 | 100 | 1181 | | | 127 |
| 582 | IRRIGON | NA | 67 | STP,INT | 2 | 30 | 0280 | | | 128 |
| 582 | IRRIGON | NA | 67 | STP,INT | 3 | 362 | 1280 | | | 128 |
| 522 | NORTH PLAINS | NA | | INT | 1 | 15 | 1179 | | | 129 |
| 522 | NORTH PLAINS | NA | | INT | 2 | 45 | 0880 | | | 129 |
| 522 | NORTH PLAINS | NA | | INT | 3 | 380 | 0781 | | | 129 |
| 637 | BROOKS | NA | | STP, INT | 1 | 16 | 0480 | | | 130 |
| 637 | BROOKS | NA | | STP, INT | 2 | 31 | 0281 | | | 130 |
| 637 | BROOKS | NA | | STP, INT | 3 | 362 | 1281 | | | 130 |
| 456 | MERLIN-COLONIAL VAL | NA | 40 | STP,INT | 1 | 24 | 0682 | | AREA | 131 |
| 456 | MERLIN-COLONIAL VAL | NA | 40 | STP,INT | 2 | 91 | 0683 | | | 131 |
| 456 | MERLIN-COLONIAL VAL | NA | 40 | STP,INT | 3 | 709 | 0284 | | | 131 |
| 469 | MODOC POINT | | | STP,INT | 1 | 12 | 1182 | | | 133 |
| 469 | MODOC POINT | | | STP,INT | 2 | 38 | 0783 | | | 133 |
| 469 | MODOC POINT | | | STP,INT | 3 | 364 | 0184 | | | 133 |
| 541 | SISTERS | | 33 | STP,INT | 2 | 57 | 1179 | | | 134 |
| 541 | SISTERS | | 33 | STP,INT | 3 | 562 | 0880 | | | 134 |
| 546 | CRESCENT SD | | 11 | STP,INT | 2 | 42 | 0880 | | | 135 |
| 546 | CRESCENT SD | | 11 | STP,INT | 3 | 400 | 0581 | | | 135 |
| 580 | LEXINGTON | NA | 63 | STP,INT | 2 | 44 | 0280 | | | 136 |
| 580 | LEXINGTON | NA | 63 | STP,INT | 3 | 380 | 0381 | | | 136 |
| 655 | PTLD-COL BLVD RELVNGNA | | FA | INT | 1 | 30 | 1180 | | | 137 |
| 655 | PTLD-COL BLVD RELVNGNA | | FA | INT | 2 | 120 | 1181 | | | 137 |
| 655 | PTLD-COL BLVD RELVNGNA | | FA | INT | 3 | 1650 | 1182 | | | 137 |
| 656 | PTLD-LOMBARD RELVNG NA | | FA | INT | 1 | 20 | 1180 | | | 138 |
| 656 | PTLD-LOMBARD RELVNG NA | | FA | INT | 2 | 80 | 1181 | | | 138 |
| 656 | PTLD-LOMBARD RELVNG NA | | FA | INT | 3 | 700 | 1182 | | | 138 |
| 621 | PORTLAND-LINNTON | NA | | TNT | 1 | 17 | 0381 | | | 139 |
| 621 | PORTLAND-LINNTON | NA | | TNT | 2 | 49 | 0282 | | | 139 |
| 621 | PORTLAND-LINNTON | NA | | TNT | 3 | 330 | 0982 | | | 139 |
| 657 | PORTLAND-RIVERGATE | NA | FA | INT | 1 | 30 | 1180 | | | 140 |
| 657 | PORTLAND-RIVERGATE | NA | FA | INT | 2 | 120 | 1181 | | | 140 |
| 657 | PORTLAND-RIVERGATE | NA | FA | INT | 3 | 1650 | 1182 | | | 140 |
| 477 | DETROIT | | | STP,INT | 2 | 58 | 0480 | | | 141 |
| 477 | DETROIT | | | STP,INT | 3 | 451 | 0481 | | | 141 |
| 631 | VERNONIA | 102256 | 43 | STP IMP | 1 | 16 | 0282 | | | 142 |
| 631 | VERNONIA | 102256 | 43 | STP IMP | 2 | 22 | 0982 | | | 142 |
| 661 | GRANTS PASS I/I | | | STP IMP | 1 | 50 | 0180 | | | 143 |
| 661 | GRANTS PASS I/I | | | STP IMP | 2 | 100 | 0181 | | | 143 |
| 661 | GRANTS PASS I/I | | | STP IMP | 3 | 950 | 0282 | | | 143 |
| 552 | POWERS | 002693 | 33 | STP IMP | 1 | 4 | 0180 | | | 144 |
| 552 | POWERS | 002693 | 33 | STP IMP | 2 | 13 | 1080 | | | 144 |
| 552 | POWERS | 002693 | 33 | STP IMP | 3 | 106 | 0881 | | | 144 |
| 660 | VENETA | | | STP IMP | 1 | 15 | 0481 | | | 145 |
| 660 | VENETA | | | STP IMP | 2 | 40 | 0182 | | | 145 |
| 660 | VENETA | | | STP IMP | 3 | 380 | 0982 | | | 145 |
| 471 | TANGENT | NA | | TNT | 1 | 14 | 0380 | | | 146 |
| 471 | TANGENT | NA | | TNT | 2 | 55 | 0381 | | | 146 |
| 471 | TANGENT | NA | | TNT | 3 | 415 | 0182 | | | 146 |

| Project No. | Project | NPDES No. | Engr. Code | Project Description | Step | Estimated Grant Amt. (\$1,000) | Target Cert. (Mo/Yr) | Actual Cert. (Mo/Yr) | Comment | Priority No. |
|-------------|--------------------|-----------|------------|---------------------|------|--------------------------------|----------------------|----------------------|---------|--------------|
| 597 | YONCALLA | 002245 | 07 | STP IMP | 1 | 12 | 1181 | | | 147 |
| 597 | YONCALLA | 002245 | 07 | STP IMP | 2 | 50 | 0782 | | | 147 |
| 597 | YONCALLA | 002245 | 07 | STP IMP | 3 | 400 | 0483 | | | 147 |
| 553 | BANDON | NA | 33 | STP IMP | 2 | 21 | 1082 | | | 148 |
| 553 | BANDON | NA | 33 | STP IMP | 3 | 180 | 0983 | | | 148 |
| 613 | USA-REEDSVILLE TR | NA | | TNT | 2 | 95 | 1182 | | | 149 |
| 613 | USA-REEDSVILLE TR | NA | | TNT | 3 | 495 | 0783 | | | 149 |
| 610 | USA-SUNSET TRUNK | NA | | TNT | 2 | 44 | 1182 | | | 150 |
| 610 | USA-SUNSET TRUNK | NA | | TNT | 3 | 352 | 0883 | | | 150 |
| 630 | LOSTINE | NA | | STP, INT | 1 | 10 | 0581 | | | 151 |
| 630 | LOSTINE | NA | | STP, INT | 2 | 32 | 0382 | | | 151 |
| 630 | LOSTINE | NA | | STP, INT | 3 | 382 | 0383 | | | 151 |
| 601 | WALLOWA LAKE SA | NA | | STP, INT | 2 | 22 | 1080 | | | 152 |
| 601 | WALLOWA LAKE SA | NA | | STP, INT | 3 | 212 | 0781 | | | 152 |
| 460 | ALBANY-NORTHEAST | NA | | INT | 1 | 20 | 0180 | | | 153 |
| 460 | ALBANY-NORTHEAST | NA | | INT | 2 | 115 | 1080 | | | 153 |
| 460 | ALBANY-NORTHEAST | NA | | INT | 3 | 1000 | 0881 | | | 153 |
| 663 | SCAPPOOSE | | | STP IMP | 2 | 50 | 0880 | | | 154 |
| 663 | SCAPPOOSE | | | STP IMP | 3 | 450 | 0981 | | | 154 |
| 602 | NESKOWIN SA | NA | | STP, INT | 1 | 18 | 1280 | | | 155 |
| 602 | NESKOWIN SA | NA | | STP, INT | 2 | 92 | 0182 | | | 155 |
| 602 | NESKOWIN SA | NA | | STP, INT | 3 | 1154 | 0283 | | | 155 |
| 563 | ROSEBURG-LOOKINGGL | NA | | TNT | 1 | 12 | 1079 | | | 156 |
| 563 | ROSEBURG-LOOKINGGL | NA | | TNT | 2 | 27 | 0581 | | | 156 |
| 563 | ROSEBURG-LOOKINGGL | NA | | TNT | 3 | 203 | 0482 | | | 156 |
| 536 | LAPINE | NA | | STP, INT | 1 | 12 | 1181 | | | 157 |
| 536 | LAPINE | NA | | STP, INT | 2 | 55 | 1082 | | | 157 |
| 536 | LAPINE | NA | | STP, INT | 3 | 415 | 0783 | | | 157 |
| 654 | HELIX | | | STP, INT | 1 | 10 | 1079 | | | 158 |
| 654 | HELIX | | | STP, INT | 2 | 38 | 0280 | | | 158 |
| 654 | HELIX | | | STP, INT | 3 | 350 | 0281 | | | 158 |
| 644 | ODELL SD | NA | | STP IMP | 1 | 10 | 1179 | | | 159 |
| 644 | ODELL SD | NA | | STP IMP | 2 | 29 | 1180 | | | 159 |
| 644 | ODELL SD | NA | | STP IMP | 3 | 243 | 0981 | | | 159 |
| 529 | BIGGS JCT | NA | | TNT | 1 | 12 | 0480 | | | 160 |
| 529 | BIGGS JCT | NA | | TNT | 2 | 32 | 0481 | | | 160 |
| 529 | BIGGS JCT | NA | | TNT | 3 | 265 | 0382 | | | 160 |
| 658 | REITH AREA | | | TNT | 1 | 6 | 1179 | | | 161 |
| 658 | REITH AREA | | | TNT | 2 | 18 | 0880 | | | 161 |
| 658 | REITH AREA | | | TNT | 3 | 150 | 0681 | | | 161 |
| 591 | CASCADE LOCKS | NA | | TNT | 1 | 9 | 0381 | | | 162 |
| 591 | CASCADE LOCKS | NA | | TNT | 2 | 17 | 0881 | | | 162 |
| 591 | CASCADE LOCKS | NA | | TNT | 3 | 110 | 0482 | | | 162 |
| 465 | GRESHAM-LINNEMAN | NA | 56 | TNT | 2 | 157 | 0882 | | | 163 |
| 465 | GRESHAM-LINNEMAN | NA | 56 | TNT | 3 | 1061 | 0683 | | | 163 |
| 551 | SANDY | NA | 05 | TNT | 2 | 23 | 0280 | | | 164 |
| 551 | SANDY | NA | 05 | TNT | 3 | 177 | 0281 | | | 164 |