

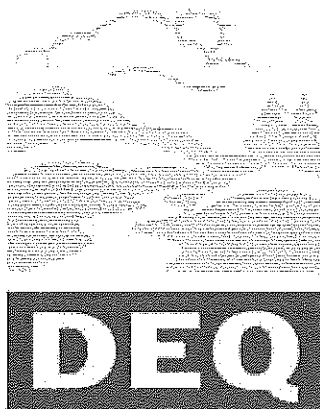
7/15/1975

OREGON

ENVIRONMENTAL QUALITY

COMMISSION MEETING

MATERIALS



State of Oregon
**Department of
Environmental
Quality**

This file is digitized in **black and white** using Optical Character Recognition (OCR) and is provided in a standard PDF format.

Standard PDF Creates PDF files to be printed to desktop printers or digital copiers, published on a CD, or sent to client as publishing proof. This set of options uses compression and downsampling to keep the file size down. However, it also embeds subsets of all (allowed) fonts used in the file, converts all colors to sRGB, and prints to a medium resolution. Window font subsets are not embedded by default. PDF files created with this settings file can be opened in Acrobat and Reader versions 6.0 and later.

MINUTES OF SPECIAL MEETING
OF THE
OREGON ENVIRONMENTAL QUALITY COMMISSION

July 15, 1975

Pursuant to required notice and publication, the Environmental Quality Commission called to order a special meeting on Tuesday, July 15, 1975. The meeting was convened in the Auditorium of the Armond Larive Junior High School, 199 East Ridgeway Avenue, Hermiston, Oregon.

Commissioners present included Mr. Joe B. Richards, Chairman; Dr. Morris Crothers, Vice Chairman; Dr. Grace S. Phinney; (Mrs.) Jacklyn L. Hallock, and Mr. Ronald M. Somers.

The Department was represented by Mr. Loren (Bud) Kramer, Director, and several additional staff members.

PUBLIC HEARING: RE ISSUANCE OF AIR CONTAMINANT AND WATER POLLUTION CONTROL PERMITS FOR PROPOSED ALUMINUM REDUCTION PLANT: ALUMAX UMATILLA DIVISION

Mr. John Kowalczyk of the Department's Air Quality Program presented the staff report with regard to the proposed permits. A Water Pollution Control permit was proposed despite the applicant's intention to employ no discharge.

Conclusions of the Staff were as follows:

1. Alumax proposes to employ highest and best practicable treatment and control of air emissions by application of dry alumina scrubbing to cell emissions and wet scrubbing to pot room building ventilation air.
2. Based on comprehensive statistical analysis conducted by the Department, maximum projected particulate and fluoride air emissions from Alumax would be within the emission limitation requirements of the Department's regulations for new aluminum reduction plants.
3. Based on diffusion modeling by Alumax's consultants which has been verified by the Department, air emissions from Alumax should not cause any applicable air quality standard to be exceeded.
4. Air emissions from Alumax should not cause applicable Federal Class II significant deterioration of air quality limits (moderate growth limits) to be exceeded anywhere off the plant boundaries.

5. Air emissions from Alumax should not cause deterioration of air quality greater than Federal Class I limits (pristine air limits) in the potential Class I Cold Springs National Wildlife Refuge area.
6. Air emissions from Alumax should have no adverse effect on animal life, plant life (including crops) and surface water quality in the vicinity of the plant site.
7. Alumax proposes to employ highest and best practicable treatment and control of process wastewater and storm water runoff by recycling all process water and disposing of storm water by evaporation pond. There would be no discharge of wastewaters to any waters of the State.
8. Domestic sewage from the Alumax facility and support activities would be adequately handled by the Umatilla sewage treatment plant provided some plant improvements are made.
9. The Alumax facility and support activities (trucks, motor vehicle traffic) should be able to comply with Department noise regulation, including degradation limits for quiet areas. If auto and truck traffic is significantly greater than projected, imposition of car pooling or mass transit for shift working may be necessary to maintain compliance with noise requirements.
10. Solid waste generated by Alumax is proposed to be recycled to the maximum extent practicable. Inert, non-toxic wastes would be disposed of in the Umatilla Butte Landfill. No potential problems from waste disposal at the landfill is foreseen, except that landfill life would be shortened from a projected 1985 to 1979 date. Potentially toxic wastes (pot liners) are proposed to be handled and disposed of by methods approved by the Department.
11. An adequate pre- and post-plant monitoring program would be undertaken by Alumax as required by the Department beginning at least two crop growing seasons prior to plant operation. Data would be gathered to demonstrate compliance with ambient air standards and determine actual impact on local animal life, plant life, and water quality.
12. Regulating the electrical power usage by Alumax is considered beyond the jurisdiction of the Department. It is noteworthy that siting of Alumax at Umatilla locates the plant near major electrical generating facilities in the Northwest, thereby minimizing transmission line (energy) loss.
13. The large Alumax facility would have significant local community impact during the construction and operating phases. The demands for over 600,000 gallons per day of water for makeup of evaporation loss would be quite significant. Additional demands on public services such as

sewage, housing and solid waste disposal facilities in a relatively sparsely populated area would also be significant. The Department has adequate regulations in conjunction with local government to control potential solid waste and sewage problems. However, significant local government efforts, particularly in the area of water supply, traffic improvements, and housing would be necessary to insure that impact of the Alumax facility is not detrimental to local living conditions.

14. The proposed Air Contaminant Discharge Permit for Alumax is conditioned to insure that air emissions are kept to the lowest practicable level during plant startup and operation. Extensive pre- and post-monitoring would be required to detect any significant impact to the environment from air emissions. Approval from the Department will be required for disposal methods of all solid wastes.
15. The proposed Water Pollution Control Facilities Permit for Alumax does not allow any discharge of wastewaters to public waterways and contains conditions to assure against accidental discharge of contaminated wastewaters.
16. The proposed Alumax Aluminum Reduction Facility at Umatilla would be the cleanest facility of its kind in the world from an environmental standpoint and should not cause any detrimental impact to the local environment.

It was the Director's recommendation that the Commission authorize the Department to issue the subject permits.

TESTIMONY

Following Mr. Kowalczyk's report, the Chairman opened the meeting to public testimony.

There followed a long line of witnesses as listed on Attachment A who testified in favor of the proposed permits. While the testimony, presented in oral and/or written form, frequently contained conclusions that the proposed facility would not impair the environment, the testimony was essentially extraneous to the issue of whether the permits were wisely drafted.

The testimony favored the applicant's installation on the grounds that it would result in higher employment, a larger tax base, more efficient use of the hospital, appropriate diversification of industry, benefit to the schools, and many other community advantages.

Incorporated also were repetitive assertions that the community could rise to increased needs in the areas of housing, schooling, water supply, sewage and solid waste disposal, and energy supply.

It was contended (particularly by Mr. A. F. Rohrman)--that developments of equal or greater magnitude than that proposed by Alumax had been taken in stride previously by the community.

The concept of fostering private investment was forwarded by Mr. Charles Norris as an argument in favor of the applicant's project.

In addition to the witnesses listed, testimony was given by the following:

Mr. James C. Howarth, Vice President and Project Manager for Alumax, alluding to the extensive information given the Department by the applicant, introduced six technical experts available to answer any questions the Commission might have. He commended the staff report, characterized the permit conditions as comprehensive and stringent, and assured the Commission that Alumax could comply with all conditions.

State Representative Wallace McCrae (District 57) urged favorable action on the permit application. He cited the compatibility of the proposal with the policy on ruralization of industry and diversification of local economy. Further, he cautioned that, absent the permits, the project might be commenced out of state.

Mrs. Anita Frankel of the Environmental Protection Agency's (EPA) Region X Office addressed the Commission. She stated that her agency was charged with the review of new sources to determine whether they will comply with 1974 regulations regarding the Prevention of Significant Deterioration (PSD) in Airsheds where the ambient air standard is better than the required secondary level.

As a new source whose construction would commence after June 1, 1975, in an airshed exceeding secondary levels, she said, the project would have to be reviewed and, subject to public participation, determined acceptable with regard to PSD particulate and SO₂ emissions requirements.

She urged the applicant to contact her office toward submission of the appropriate data.

Commissioner Richards inquired if Mrs. Frankel's agency was taking no position on the proposed permits and intended only to seek Alumax's application to her agency for review of the Project's consistency with PSD regulations. He received an affirmative answer with the comment that Department Staff had already determined consistency, a determination which was necessary for the EPA to reach also. Mrs. Frankel noted that the data behind staff's determination was absent from the staff report, rendering the report insufficient for her to draw her own conclusions.

Mrs. Frankel, in response to inquiry by Commissioner Phinney, indicated a central concern to be whether Oregon might wish in the future to designate some nearby area(s) as Class I, to be preserved as pristine areas. An example was the Cold Springs National Wildlife Refuge which, in the estimate of the applicant's consultant and the staff, might suffer deterioration in SO₂ levels close to Class I limitations.

She told Commissioner Somers she had not seen the impact assessment filed by the applicant (or experienced an eastern Oregon dust storm).

In response to Commissioner Crothers, Mrs. Frankel stated that no EPA approval was requisite to granting the permits in issue. She added, however, that such approval with regard to PSD regulations was requisite to construction of the project.

Mrs. Frankel assured the Commission that she was not intending to influence in any way the timing or result of the Commission's action on the proposed permits.

In response to inquiry by Commissioner Somers, she stated that her section (Air Planning in the Seattle Office) had not heard about the proposed facility until two weeks ago when given notice of the public hearing. She had not, she reported, been approached by anyone from the Oregon Operations Office regarding the project.

Mr. Kowalczyk reported that members of EPA's Oregon Operations Office had been fully advised as to the matter.

Mr. Roy Sampsel of the Department of the Interior and a member of the Federal Regional Council addressed the Commission. He applauded local efforts in planning an improved regional water supply system. In his view, the water problem was not to be attributed to the presence of Alumax. Alumax, he felt, would provide opportunity for the Federal Regional Counsel to view the water supply problem in a context of model land and resource development.

Mr. Sampsel held out the possibility that the region's water supply system project might receive construction funding on a multi-agency basis.

In response to inquiry by Commissioner Somers, he stated that single agency grants usually were on a 50% matching basis. With the integrated grant concept, he reported, even construction grants were getting increased matching percentages where they could meet considerations pertinent to more than one agency. An example cited was a sewer project on Washington's Quinault Indian Reservation.

He estimated that funding for a water supply system for the region would probably occur no sooner than 1976 or 1977.

Mr. Harold D. Graymer of the Umatilla County Planning Commission outlined the extensive hearings and studies undertaken prior to his Commission's granting of a Conditional Use Permit for the Alumax facility. In response to inquiry by Commissioner Somers, he explained that all industrial zoned land was still incapable of the installation of specific projects until a Conditional Use Permit was granted after review of project compatibility with other industry.

Mr. John N. Groupe of the Oregon Department of Economic Development stressed the mutually complimentary aspects of increased rural industry. In his view, it fostered a healthier rural economy which, in turn, could support better environmental and other services. A healthy environment, in turn, he said, would invite further industrial development and a better economy. He expressed faith in the ability of Alumax management to operate within environmental protection laws and regulations.

Ms. Deanna Crispon of the Oregon Environmental Council addressed the Commission. She commended the thorough studies of Alumax Consultants and the Department's staff. Alumax's apparent willingness to employ best practicable treatment and control techniques was applauded.

She cautioned, however, that the plant would be the first of its kind ever to simultaneously employ all three of the major pollution control devices planned. She urged the Commission, in the event that the facility would not operate as planned, to refrain from relaxing the standards so as to accommodate the facility. She urged that special emphasis be placed on compliance with permit conditions dealing with planning, installation, monitoring, and expansion of the operation. She concluded that Oregonians would be watching Alumax to see if an industry could fulfill a promise to provide economic benefits without damaging the environment.

Upon the conclusion of public testimony Commissioner Somers noted that the impact statement filed by Alumax, the proposed permits, and staff's information had been available to the Commission for some time. Based on these considerations and the testimony given in the hearing, he MOVED that the Director's recommendation be accepted and that the Commission add thereto a specific finding that the proposed Alumax Plant will be in compliance with the Clean Air Act Implementation Plan of the State of Oregon. Commissioner Crothers seconded the motion and there was a call for discussion.

At the request of Commissioner Phinney, Mr. Kowalczyk expressed confidence that, supplied the data given the Department's staff, EPA would reach, as had staff, the determination that the proposed plant would not offend in terms of PSD regulations. He assured Commissioner Somers that he would make the data available to Mrs. Frankel's office immediately.

Commissioner Richards noted that he was impressed with the testimony and singled out the testimony on behalf of the Oregon Environmental Council as commendable. He stated that, in the event the plant does not perform as planned, he personally would be very loath to alter any of the limitations to fit it.

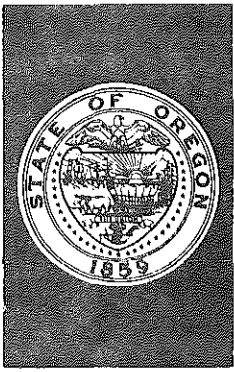
Commissioners Phinney, Crothers, Somers and Richards voted in favor of the motion, carrying the same. Commissioner Hallock voted against the motion on her conviction that, though the siting was commendable, the aluminum plant would use clean hydro power during an energy crunch and contribute to the need for developing new power sources which, in her prediction, would be environmentally damaging and expensive sources.

The Commission discussed matters of pending litigation subject to the executive session provisions of the Public Meetings Law and reached the decision not to appeal an adverse decision in the Circuit Court of Lincoln County.

There being nothing further, the meeting was adjourned.

ATTACHMENT A

Elmo Bloom	Coordinator, Hermiston Neighborhood Center
Doris Bounds	Inland Empire Bank
J. R. Buchanon	Hermiston City Council
Joseph E. Burns	Hermiston Development Corp.
Lloyd D. Campbell	Hermiston City Council
Bernard W. Carper	Hermiston Planning Commission
Hiram Compton	Pendleton Building Trades Council
George Cook	Hermiston
Mrs. Margaret E. Davis	Hermiston
Donald DeMoss	Rt. 3, Box 519
A. L. (Bud) Draper	Mayor, City of Umatilla
Jess Foster	President, Port of Umatilla
Tommie L. Frazier	McNary Management Corp.
Stanley Gass	Hermiston Area Builder
Dale Gaylord	Hermiston School District
Bruce D. Giddens	Hermiston Businessman
C. P. Gray	Mayor, City of Hermiston
Frank J. Harkenrider	Hermiston City Council, Hermiston Baseball Comm.
Irvin J. Howard	Mayor, City of Echo
Charles E. Huxoll	Mayor, City of Stanfield
Paul H. Kaminga	Hermiston City Council
Rupert Kennedy	Coordinator, Port of Morrow Commission
Charles Kik	Sanitary Disposal, Inc.
Eddie O. Knopp	Mayor, City of Pendleton
George Larsen	Hermiston Jaycees
William E. Neuffer	Hermiston City Council
Charles R. Norris	Umatilla County Board of Realtors
Nancy Padilla	Oregon Rural Opportunities
G. M. Reed	Hermiston Herald
Lon C. Reed	Umatilla Planning Commission
A. F. Rohrman	Hermiston resident
Wally Shurtliff	Electrical Contractor, Hermiston
Don Skeen	President, Greater Hermiston Chamber of Commerce
F. K. Starrett	Umatilla County Board of Commissioners
L. B. Urbauer	Good Shepherd Hospital
Jim M. Vickory	Hermiston Executive
William H. Wright	Inland Empire Bank



ENVIRONMENTAL QUALITY COMMISSION

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229-5696

Robert W. Straub TO: Environmental Quality Commission
GOVERNOR

Joe B. Richards FROM: Director
Chairman

GRACE S. PHINNEY SUBJECT: July 15, 1975, EQC Meeting
Corvallis

JACKLYN L. HALLOCK
Portland

MORRIS K. CROTHERS
Salem

RONALD M. SOMERS
The Dalles

Public Hearing - Proposed Air Contaminant Discharge Permit
and Water Pollution Control Facilities Permit for Alumax
Pacific Corporation 187,000 Tons Per Year Aluminum Reduction
Plant Near Umatilla, Oregon

Background

Alumax Pacific Corporation (Alumax) submitted an Air Contaminant Discharge Permit (ACDP) application to the Department on April 18, 1975 for construction of a 187,300 ton per year primary aluminum reduction plant to be located on a 3,000 acre plot of land four miles east of Umatilla, Oregon (two miles east of McNary Dam Site) on the Columbia River (see Figure 1). A Water Pollution Control Facilities Permit application was subsequently filed with the Department on May 7, 1975.

The Alumax plant site is located on a 500 foot plateau above the Columbia River Valley in a sparsely populated desert area. Some farming of crops such as corn, wheat, potatoes and alfalfa is taking place in the vicinity. Some grazing of cattle is also occurring. The most significant areas of general public interest in the vicinity are the Cold Springs National Wildlife Refuge (five miles southeast of the plantsite) and Hat Rock State Park (four miles east of the plant site).

The Alumax facility will cost nearly \$300,000,000 and will employ approximately 1,800 people at the peak of the three-year construction phase and 800 people during normal operation of the plant after construction.

A public hearing on the proposed Alumax facility was held before the Umatilla County Planning Commission on April 30, 1975. Alumax received a conditional use permit from the Umatilla Planning Commission on May 7, 1975 which contained ten permit conditions -- some related to environmental matters (see Attachment 1).

On June 6, 1975, Alumax completed submission of all information considered necessary for the Department to review the proposed facility in terms of compliance with Department rules and assessment of environmental impact.



Contains
Recycled
Materials

The Department has fully evaluated pertinent aspects of the Alumax project and has determined that the facility should comply with all Department rules and that it should not cause any detrimental impact to the local environment. The proposed Air Contaminant Discharge Permit and Water Pollution Control Facility Permit were prepared by the Department (Attachments 2 and 3) and placed on 30-day notice for public comment on June 12, 1975.

AIR QUALITY IMPACT

Compliance with Air Emission Standards

Alumax has proposed to control particulate and fluoride emissions from hooded electrolytic cells by use of a "primary" dry scrubber system in which the air emissions pass through a bed of alumina and are collected by cloth bag filters. Collection efficiency of this system for particulates and fluorides is expected to be approximately 98%. Emissions that escape the cells and enter the building ventilation air are proposed to be captured by a "secondary" wet scrubber which is expected to be approximately 75% efficient for collecting particulates and fluorides. The other major air emission source, the carbon bake furnace, is proposed to be controlled by a system similar to the "primary" dry scrubbers. Sulfur dioxide emissions from the facility would be maintained at a low level by use of low sulfur fuel oil (maximum 0.5% sulfur content).

No other aluminum plant in the world is known to employ all three types of control systems ("primary" cell dry scrubbers, "secondary" wet scrubbers and carbon bake furnace dry scrubbers).

Alumax has projected maximum air emissions from the proposed facility as shown in Table 1.

Air emission data submitted by Alumax in support of its emission projections was collected from the various existing aluminum plants including facilities in Australia and the States of Washington and West Virginia which employ certain portions of the proposed control system. The Department has been concerned about the accuracy of projecting maximum plant emissions from this composite of data particularly for evaluating compliance with Department emission and ambient air standards. The Department has conducted a comprehensive statistical analysis of all data submitted by Alumax and has concluded that maximum expected emissions should not exceed those shown in Table 2.

The Department's analysis indicates that projected maximum air contaminant emissions from Alumax would not exceed limits contained in the Department's emission regulations for new aluminum reduction plants. Proposed EPA new source performance standards for primary aluminum plants should also not be exceeded (as they are less stringent than Department Rules). Opacity (visual) emissions from the facility should also comply with the Department rules based on expected particulate emission concentrations that would be emitted from individual air exhaust points.

Compliance With Highest and Best Practicable Treatment and Control of Air Emissions

Oregon Administrative Rules (OAR) Chapter 340, Section 20-001 requires new sources to apply "Highest and Best Practicable Treatment and Control" of air emissions. It is the Department's conclusion that Alumax proposes to apply highest and best practicable treatment technology to control air emissions from their proposed aluminum reduction facility.

The Department has investigated a new Alcoa process which is the only system that may have lower air emissions than the facility proposed by Alumax. The new Alcoa system, which is a chloride process, promises to save 30% in electrical power consumption over conventional aluminum reduction processes while emitting no fluorides, has been found to be in the early stages of development. The Department has recently contacted Alcoa and the State of Texas where a 15,000 ton per year demonstration smelter will be operational by the end of this year. Alcoa has indicated that the new process:

1. Will not be expanded until there is demonstration of its capabilities.
2. Is not available to other companies at this time.
3. Will probably be available for licensing to other companies five years, or possibly longer, from now.

It must be concluded, therefore, that the new Alcoa process could not be applied at the Umatilla site at this time.

Compliance With Ambient Air Standards

The Department has reviewed ambient air impact modeling of the proposed Alumax plant conducted by the H. E. Cramer Company of Salt Lake City. Cramer's report projects ground level air quality impact caused by Alumax air emissions for short and long-term averaging times based on meteorological data collected by Portland General Electric Company at its nearby Boardman facility. Cramer's work takes into account inversion breakup or fumigation conditions that might occur in the generally desert area of Eastern Oregon and the affect that building downwash or turbulence may have on plant air emissions. The Department has also conducted its own modeling to spot check results provided by Cramer and in all cases has found reasonable agreement.

Table 3 presents a summary of projected maximum ambient air quality impacts based on the following three emission rate conditions:

- Case 1 - Alumax projected average emissions
- Case 2 - Department projected maximum emissions
- Case 3 - Maximum emissions allowed by Department rules for new Aluminum plants

The air quality impact data presented in Table 3 represents the maximum impact point off plant property. A typical area wide impact of air emissions is shown in Figure 2. It should be noted that greatest impact occurs northeast of the plant site. This condition reflects a high persistence of southwest winds in the area.

The air quality impact projections in Table 3 indicate that applicable particulate, sulfur dioxide and gaseous fluoride ambient air standards will not be exceeded in either the states of Oregon or Washington even if air emissions reach limits allowed by the Department's aluminum plant rule.

Compliance with Significant Air Quality Deterioration Limits

The Federal Environmental Protection Agency (EPA) has established significant deterioration of air quality limits for the Nation effective January 6, 1975. Generally, all areas of the country where ambient air standards are not being violated have been designated Class II, which allows for only a moderate deterioration in particulate and sulfur dioxide air quality. Substantially more stringent Class I (pristine air quality) deterioration limits would be applicable to an area only after public hearing and approval by EPA.

Table 3 also presents the EPA's significant deterioration limits in comparison to projected Alumax impact. It is apparent that Class II significant deterioration limits will not be exceeded anywhere off the plant boundaries.

At the potential Class I Cold Springs National Wildlife Refuge site, which is primarily a bird sanctuary, it appears Class I deterioration limits should not be exceeded, however, sulfur dioxide air quality impact is projected to be close to Class I limits at Cold Springs.

Vegetation, Animal and Surface Water Impact from Alumax Air Emissions

Since gaseous fluoride is a highly irritant and toxic gas to plants and animal life (that consume vegetation) impact of gaseous fluoride emissions from the proposed Alumax facility on local vegetation, animal life and surface waters was extensively evaluated independently by the Department and Alumax consultants.

A list of predominant plant species including crops near the Alumax plant site along with data indicating their susceptibility to visible damage by gaseous fluorides is shown in Table 4. It is apparent from this data that there should be no injury to vegetation off plant boundaries. Crop yields should not be affected as ambient gaseous fluoride levels would have to exceed levels which could cause visible damage.

Sulfur dioxide concentrations should be below ambient air standards; therefore, no effect on vegetation from this air contaminant is expected.

Animals can be affected by fluoride through uptake of vegetation which has been contaminated by fluoride. Table 5 presents a survey of existing animals in the vicinity of the Alumax plant site and their susceptibility to fluoride uptake. Cattle, with a dietary tolerance level of 40 parts per million fluoride ion appear to be the most susceptible animal species. Maximum expected fluoride concentrations in vegetation in the vicinity of the plant site are shown in Figure 3. It is apparent that the 40 parts per million tolerance level will not be exceeded off the plant property; therefore, no threat to animal life is expected.

The Department and Alumax consultant, Beak, Inc., have independently projected impact on surface waters from fluoride and sulfur dioxide air emissions from Alumax. Conservative calculations indicate that fluoride concentration in the Columbia River would be increased a maximum of .0023 parts per million or 1% over an existing background of .24 ppm. No significant effects would be expected at this insignificant increase.

Sulfur dioxide air emissions should they be washed out into the Columbia River should not cause any measurable change in pH as this water has a high buffering capacity (a minimum 37 times that necessary to neutralize all of Alumax sulfur dioxide emissions).

Air Contaminant Discharge Permit Requirements

The Department's proposed Air Contaminant Discharge Permit for Alumax contains particulate and fluoride emission limits identical to those allowed by Department rules for new aluminum reduction plants. Sulfur dioxide emissions are limited to maximum levels indicated in the Alumax Air Contaminant Discharge Permit application. At the maximum allowable emission levels contained in the proposed permit, impact analysis has indicated that air quality standards and significant deterioration limits would not be exceeded nor would there be any adverse effect on vegetation, animal life or surface waters in the vicinity of the plant site.

Special ACDP conditions have been proposed to insure that plant startup would be conducted with minimal air emissions and no adverse impact (conditions 10, 11 and 12). Extensive monitoring of air emissions, including continuous opacity measurements are also proposed (Conditions 19 and 20).

Special surveillance requirements are proposed to detect and correct potential malfunctioning of equipment (Condition 14).

Alumax has already submitted an air emission monitoring program as required under proposed ACDP Condition 21 and it has been found generally acceptable to the Department with the exception of specifics such as a listing of manufacturers of monitoring devices, etc.

WATER QUALITY IMPACT

Effluent Limitations and Water Quality Standards

Alumax proposes not to discharge any wastewaters to public waters. Process wastewater are proposed to be completely recycled. Contaminated storm water runoff will be disposed of by on-site evaporation ponds. With these wastewater treatment systems Alumax would comply with effluent limitations for primary aluminum plants set by EPA. water quality standards of the State of Oregon and application of highest and best practicable treatment and control.

Provisions to prevent potential contamination of an irrigation aqueduct which runs through the Alumax plant site and to prevent contamination of ground waters are contained in the proposed Water Pollution Control Facilities Permit (Conditions 3 and 5). Also contained in this permit are provisions to insure no discharge of contaminated wastewaters (Conditions 4, 6, 7 and 8) including special provisions to contain cyanide contaminated pot liners.

Sewage Treatment

The Alumax facility would generate domestic sewage with a population equivalent of 320 people. The proposed water treatment control permit requires discharge of this sewage into the City of Umatilla Sewage Treatment Plant. The Umatilla Plant, with a design population equivalent of 3,500 people, is sufficient to accept the Alumax sewage provided some minor improvements are made.

SOLID WASTE IMPACT

Alumax proposes to dispose of its solid wastes by recycle and reuse, recovery for sale to others and the disposal of nonuseable and nonsalable wastes at the Umatilla Butte Landfill.

The wastes proposed for disposal at the county landfill would consist of some 1,350 tons of construction waste over the nearly three year construction period. Plant operation would generate an additional 3,090 tons per year of solid wastes. These wastes would consist of wasted refractory materials (brick), furnace slag, water treatment plant sludges, carbon, iron oxide, fluoride and pitch particulates and lunch-room garbage. No toxic wastes would be permitted to be disposed of at the county landfill.

The major impact of Alumax solid waste would be to shorten the life of the Umatilla Butte Landfill from a projected 1985 date to 1979. Adequate time is available to plan and begin operation of a new site provided this work begins in the very near future.

All solid wastes generated by Alumax would be required to be disposed of in a manner and location approved by the Department (ACDP Condition 17).

NOISE IMPACT

The Department has reviewed Alumax's acoustical evaluation of the proposed plant and has concluded that the facility should be capable of complying with Department noise rules and regulations. Special requirements to demonstrate compliance with Department noise rules are contained in Condition 16 of the proposed ACDP.

In order to maintain compliance with Department rules, truck traffic may have to be limited and car pools or other mass transit programs for shift workers implemented if actual traffic is significantly greater than now projected.

Construction noise is not regulated by the Department, however, Alumax will be asked to confine noisy operations to daytime hours.

Pre- and Post-Monitoring Program

The Department proposes to require an extensive pre- and post-plant monitoring program to gather information to assess actual impact of the Alumax facility on air quality, water quality and plant and animal life. Alumax has submitted a proposed pre- and post-plant monitoring program for Department review which could be implemented two full crop growing seasons prior to plant operation. This program has been found to be generally acceptable by the Department.

The program would include ambient air quality monitoring of particulate, fluoride and sulfur dioxide and meteorological parameters. Five permanent air monitoring sites are proposed and one mobile sampler would be available.

Vegetation would be sampled for fluoride content at 16 sites up to five miles from the plant site, including one site in the State of Washington. A range of vegetation would be analyzed which might include rangeland forage, grain, wheat, sugar beets, alfalfa, soy bean and apricot and peach trees.

Animal sampling would include fluoride analysis of cattle tail vertebral biopsies. Teeth of live cattle would be visually inspected semi-annually and records kept of findings.

Water quality samples would be taken at Cold Springs National Wildlife Refuge and permanent ponds near the plant site and analyzed for fluoride content and pH.

Impact on Northwest Electrical Power Pool

Use of approximately 300 megawatts of electrical power by Alumax has been a major controversy surrounding the proposed facility. The Department has no direct way of regulating such electrical power usage. There are certain aspects of the power usage which are considered significant from an environmental standpoint and these are as follows:

1. If Alumax power became available to the northwest power pool due to a no-build decision, construction of one major electric generating facility in the Northwest might be delayed from a few months to less than one year. (a)
2. Alumax power demand would not cause additional operation of Portland General Electric combustion turbines, providing PGE's Trojan Nuclear Plant is operational. (b)
3. Location of Alumax at the Umatilla site places the facility near major Northwest electric generating facilities, thereby minimizing transmission line (energy) loss.
4. Any new proposed electrical generating facility which would emit air contaminants in the State of Oregon would be reviewed by the Department and be required to comply with ambient air quality and emission standards and significant deterioration limits and other environmental limits deemed necessary.

Other Environmental Concerns

The proposed Alumax facility will have significant community impacts due to its large size and location (within a relatively sparsely populated area). Many of the impacts are beyond the control or jurisdiction of the Department.

The demand for approximately 600,000 gallons per day of water to replace process water evaporation loss is significant. Port of Umatilla well water is considered the prime supply of this water.

The projected increase in area population of up to 6,700 people would affect local housing, schools, traffic and utilities. Disposal of solid waste and sewage should be adequately controlled by Department regulations with local government assistance. Control of these other impacts would be the responsibility of local governments.

-
- (a) CH2M-Hill Report to AMAX dated April 12, 1974.
 - (b) Oregon Public Utility Commissioner letter to DEQ.

Conclusions

1. Alumax proposes to employ highest and best practicable treatment and control of air emissions by application of dry alumina scrubbing to cell emissions and wet scrubbing to pot room building ventilation air.
2. Based on comprehensive statistical analysis conducted by the Department, maximum projected particulate and fluoride air emissions from Alumax would be within the emission limitation requirements of the Department's regulations for new aluminum reduction plants.
3. Based on diffusion modeling by Alumax's consultants which has been verified by the Department, air emissions from Alumax should not cause any applicable air quality standard to be exceeded.
4. Air emissions from Alumax should not cause applicable Federal Class II significant deterioration of air quality limits (moderate growth limits) to be exceeded anywhere off the plant boundaries.
5. Air emissions from Alumax should not cause deterioration of air quality greater than Federal Class I limits (pristine air limits) in the potential Class I Cold Springs National Wildlife Refuge area.
6. Air emissions from Alumax should have no adverse affect on animal life, plant life (including crops) and surface water quality in the vicinity of the plant site.
7. Alumax proposes to employ highest and best practicable treatment and control of process wastewater and storm water runoff by recycling all process water and disposing of storm water by evaporation pond. There would be no discharge of wastewaters to any waters of the State.
8. Domestic sewage from the Alumax facility and support activities would be adequately handled by the Umatilla sewage treatment plant provided some plant improvements are made.
9. The Alumax facility and support activities (trucks, motor vehicle traffic) should be able to comply with Department noise regulation, including degradation limits for quiet areas. If auto and truck traffic is significantly greater than projected, imposition of car pooling or mass transit for shift working may be necessary to maintain compliance with noise requirements.
10. Solid waste generated by Alumax is proposed to be recycled to the maximum extent practicable. Inert, non-toxic wastes would be disposed of in the Umatilla Butte Landfill. No potential problems from waste disposal at the landfill is foreseen, except that landfill life would be shortened from a projected 1985 to 1979 date. Potentially toxic wastes (pot liners) are proposed to be handled and disposed of by methods approved by the Department.

11. An adequate pre- and post-plant monitoring program would be undertaken by Alumax as required by the Department beginning at least two crop growing seasons prior to plant operation. Data would be gathered to demonstrate compliance with ambient air standards and determine actual impact on local animal life, plant life, and water quality.
12. Regulating the electrical power usage by Alumax is considered beyond the jurisdiction of the Department. It is noteworthy that siting of Alumax at Umatilla locates the plant near major electrical generating facilities in the Northwest, thereby minimizing transmission line (energy) loss.
13. The large Alumax facility would have significant local community impact during the construction and operating phases. The demands for over 600,000 gallons per day of water for makeup of evaporation loss would be quite significant. Additional demands on public services such as sewage, housing and solid waste disposal facilities in a relatively sparsely populated area would also be significant. The Department has adequate regulations in conjunction with local government to control potential solid waste and sewage problems. However, significant local government efforts, particularly in the area of water supply, traffic improvements, and housing would be necessary to insure that impact of the Alumax facility is not detrimental to local living conditions.
14. The proposed Air Contaminant Discharge Permit for Alumax is conditioned to insure that air emissions are kept to the lowest practicable level during plant startup and operation. **Extensive pre- and post-** monitoring would be required to detect any significant impact to the environment from air emissions. Approval from the Department will be required for disposal methods of all solid wastes.
15. The proposed Water Pollution Control Facilities Permit for Alumax does not allow any discharge of wastewaters to public waterways and contains conditions to assure against accidental discharge of contaminated wastewaters.
16. The proposed Alumax Aluminum Reduction Facility at Umatilla would be the cleanest facility of its kind in the world from an environmental standpoint and should not cause any detrimental impact to the local environment.

Director Recommendation

It is the Director's recommendation that the EQC authorize the Director to issue the attached proposed Air Contaminant Discharge Permit and Water Pollution Control Facilities Permit subject to consideration of testimony received at this hearing.


LOREN KRAMER
Director

JFK:cs
7/9/75

Attachments (11)



Umatilla County
Planning Commission

County Courthouse
Pendleton, Oregon 97801
Phone 276 - 7111
Extension 75

ALUMAX PACIFIC CORPORATION
Aluminum reduction plant, McNary, Oregon
Conditional Use Permit, May, 1975

Conditions

1. Applicant's proposed aluminum reduction plant and process shall have no discharge of process waste water or other water pollution. All process waste water shall be treated to remove waste materials and recycled and re-used by the plant.
2. All solid waste generated by applicant's proposed aluminum reduction plant and process which cannot either be recycled and re-used by the plant, or sold to others, shall be inert, non-hazardous, non-leaching, suitable for disposal in a sanitary landfill, and it shall be disposed of in a manner approved by and acceptable to the Oregon Department of Environmental Quality.
3. All emissions of air contaminants or air pollutants from applicant's proposed aluminum reduction plant and process shall meet or exceed all numerically-expressed state and federal ambient air quality and emission standards and limitations which are or shall have become effective as of the date of commencement of construction of the plant. Such standards have been set at levels which, in the judgment of the state and federal officials having jurisdiction, will not adversely effect and will be protective of: the health and welfare of persons; personal comfort and well-being; soils; water; crops; vegetation; animals; wildlife; man-made materials; visibility; climate; weather; and damage to and deterioration of property. As a condition to this permit, applicant shall secure from the Oregon Environmental Quality Commission and Department of Environmental Quality an air contaminant discharge permit.
4. Upon start up of its aluminum reduction plant and process, applicant shall implement a program of air pollution emission and air quality monitoring and surveillance which shall have been approved and found satisfactory by the Oregon Department of Environmental Quality. The purpose of this program shall be to determine whether air pollutant emissions from the plant and process violate applicable ambient air quality or emission standards and limitations, and to ensure that such emission standards and limitations are not exceeded.

Conditions - cont'd:

5. There shall be paved vehicle parking at the plant for 540 workers, 25 visitors and 20 process trucks.
6. Alumax shall provide its own fire protection facilities, equipment and personnel.
7. Alumax shall use existing and future municipal sewage disposal systems.
8. Alumax shall hire an Architect and Landscape Architect registered in Oregon to participate in the design of the exterior appearance of all structures on the site and all landscaping around, and on the approaches, to the plant.
9. Alumax shall assist in the solution of traffic problems on Highway 730 at the plant (regarding left turns) and at the intersection of Highways 730 and 395.
10. Alumax shall assist in the location and development of new landfill sites.

Agreed to by Alumax Pacific Corporation and the Umatilla County Planning Commission, May 7, 1975.

Alumax Pacific Corporation

Umatilla County Planning Commission



J. Howarth, Vice - President

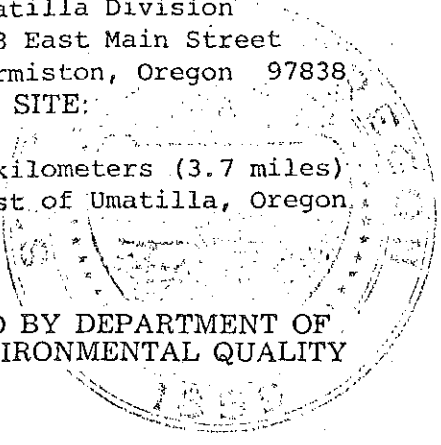


H. Graymer, Chairman

AIR CONTAMINANT DISCHARGE PERMIT

Department of Environmental Quality
 1234 S.W. Morrison Street
 Portland, Oregon 97205
 Telephone: (503) 229-5696

Issued in accordance with the provisions of
ORS 468.310

<p>ISSUED TO: Alumax Pacific Corporation Umatilla Division 303 East Main Street Hermiston, Oregon 97838</p> <p>PLANT SITE: 6 kilometers (3.7 miles) East of Umatilla, Oregon</p> <div style="text-align: center;">  </div> <p>ISSUED BY DEPARTMENT OF ENVIRONMENTAL QUALITY</p> <hr/> <p style="text-align: center;">LOREN KRAMER <i>Date</i> Director</p>	<p>REFERENCE INFORMATION</p> <p>Application No. <u>0529</u></p> <p>Date Received <u>4/21/75</u></p> <p>Other Air Contaminant Sources at this Site:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 30%; text-align: center;">Source</th> <th style="width: 20%; text-align: center;">SIC</th> <th style="width: 20%; text-align: center;">Permit No.</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>(2)</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table>		Source	SIC	Permit No.	(1)	_____	_____	_____	(2)	_____	_____	_____
	Source	SIC	Permit No.										
(1)	_____	_____	_____										
(2)	_____	_____	_____										

SOURCE(S) PERMITTED TO DISCHARGE AIR CONTAMINANTS:

Name of Air Contaminant Source	Standard Industry Code as Listed
Primary Aluminum Production	3334

Permitted Activities

Until such time as this permit expires or is modified or revoked, Alumax Pacific Corporation is herewith permitted in conformance with the requirements, limitations and conditions of this permit to construct and operate a primary aluminum production facility with a design capacity of no greater than 169,920 metric tons/year (187,300 tons/year) near Umatilla, Oregon and to discharge air contaminants therefrom.

The specific listing of requirements, limitations and conditions contained herein does not relieve the permittee from complying with all other rules and standards of the Department.

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

Issuance Date: _____
Expiration Date 7/1/80
Page 2 of 7
Appl. No.: 0529
File No.: 30-0074

Performance Standards and Emission Limits

1. The permittee shall at all times maintain and operate all air contaminant generating process and all air contaminant control equipment at full efficiency and effectiveness such that the emissions of air contaminants are kept at the lowest practicable levels.
2. The total fluoride emissions from all sources shall not exceed:
 - a. A monthly average of 0.65 Kg of fluoride ion per metric ton (1.3 lbs/ton) of aluminum produced,
 - b. An annual average of 0.5 Kg of fluoride ion per metric ton (1.0 lbs/ton) of aluminum produced,
 - c. 9.2 metric tons (10.1 tons) of fluoride ion per month, and
 - d. 84.9 metric tons (93.6 tons) of fluoride ion per year.
3. The total organic and inorganic particulate matter emissions from all sources shall not exceed:
 - a. A monthly average of 3.5 Kg of particulate per metric ton (7.0 lbs/ton) of aluminum produced,
 - b. An annual average of 2.5 Kg of particulate per metric ton (5.0 lbs/ton) of aluminum produced,
 - c. 49.6 metric tons (54.7 tons) of particulate per month, and
 - d. 424.8 metric tons (468.2 tons) of particulate per year.
4. The total organic and inorganic particulate matter emissions from any source shall not exceed 0.23 grams per cubic meter (0.10 grains per SCF) based on a one hour average.
5. The visible emissions from any source shall not exceed 10 percent opacity at any time.

Special Conditions

6. The permittee shall not use fuel oils containing more sulfur than the levels indicated below:

<u>Fuel Oil Grade</u>	<u>Maximum Allowable Sulfur Content</u>
ASTM Grade 1	0.3% sulfur by weight
ASTM Grade 2, 4, 5, and 6	0.5% sulfur by weight

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

Issuance Date: _____
Expiration Date 7/1/80
Page 3 of 7
Appl. No.: 0529
File No.: 30-0074

7. The permittee shall not use any coke containing more than 2.0 percent sulfur by weight nor hard pitch containing 1.0 percent sulfur by weight. Compliance with this condition shall be based on sulfur analyses of a representative composite sample taken from each shipment of coke and pitch.
8. The permittee shall, prior to construction of any air pollution control system, submit detailed plans and specifications to the Department for review and approval. These control systems shall include at least the following: potline primary air exhaust treating systems, potline secondary air exhaust treating systems, carbon baking furnace air exhaust treating system, all nuisance dust collectors, and the pitch fume control system. Highest and best practicable treatment and control facilities and procedures shall be incorporated throughout the primary aluminum reduction facility.
9. (NOTICE CONDITION) The permittee shall submit, or notify the appropriate responsible party to submit plans and specifications to the Department for review and approval prior to construction or expansion of an alumina storage, handling and transportation system for the Alumax plant in the State of Oregon.
10. The permittee shall not begin initial operation of any pots until their respective air pollution control systems are tested for proper functioning to the maximum extent practicable. This testing shall be conducted to insure minimum emissions during plant startup. Special attention shall be given to checks for bag filter leaks. A report on results of the testing shall be submitted to the Department prior to commencing operation of pots.
11. The permittee shall initially startup the smallest unit of pots that is practicable and shall not proceed to start up another unit of pots until the previous unit's air pollution control system is functioning properly as indicated by emission monitoring and testing.
12. The permittee shall limit emissions and/or operation as specified by the Director if there is a known threat of damage to health or welfare in the vicinity of the plant site during initial potroom startup.
13. The permittee shall provide, prior to commencing operation, easily accessible sampling ports and platforms on all emission exhaust stacks unless otherwise approved by the Department in writing. The location and design of these sampling ports and platforms must be reviewed and approved in writing by the Department.
14. The permittee shall implement a program upon commencing operation which will enable rapid detection and correction of malfunctioning primary dry collection system bag houses whenever the main stack opacity meter indicates abnormal opacity. The program shall include instrumentation for detection of abnormal particulate emissions from any individual bag house. The complete program shall be submitted to and approved by the Department in writing at least six months prior to commencing operation. The program shall be fully operational upon startup of any pots.

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

Expiration Date 7/1/80
Page 4 of 7
Appl. No.: 0529
File No.: 30-0074

15. The permittee shall not conduct furnace fluxing in the cast house operation unless appropriate air pollution control equipment is approved by the Department, installed and operated.
16. The permittee shall comply with all applicable Department noise control regulations and demonstrate compliance no later than 90 days after facility startup by submitting a written report. The Department shall be notified prior to compliance measurements.
17. The words "NOTICE CONDITION" shall be deleted from condition G6 of this permit.
18. The permittee shall conduct a pre and postconstruction monitoring program which has been approved in writing by the Department. The program shall commence at least two growing seasons prior to plant operation and shall measure potential effects of plant emissions on flora and fauna and other resources in the vicinity of the plant site.
19. The permittee shall install, operate and maintain a continuous opacity monitor, recorder and warning device of a type and in a location approved by the Department in writing for the carbon bake exhaust stack and the potroom primary exhaust stack. The warning device shall be adjusted such that when 10% or greater opacity is recorded the appropriate operating personnel are alerted and necessary corrective measures can be undertaken.

Monitoring and Reporting

20. The permittee shall effectively monitor the operation and maintenance of the primary aluminum production plant and control facilities. A record of all such data shall be maintained and submitted to the Department of Environmental Quality within thirty (30) days after the end of each calendar month unless requested in writing by the Department to submit this data at some other frequency. Unless otherwise agreed to in writing, the information collected and submitted shall include, but not necessarily be limited to the following parameters and monitoring frequencies:

<u>Parameter</u>	<u>Minimum Monitoring Frequency</u>
a. Primary Dry Collection System (Pots)	
1) Total Particulate	5 times per month
2) Fluoride Particulate	5 times per month
3) Fluoride Gases	5 times per month
4) Sulfur Oxides	Once per month
5) Carbon Monoxide	Once per month
6) Opacity	Continuous

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

Issuance Date: _____
Expiration Date 7/1/80
Page 5 of 7
Appl. No.: 0529
File No.: 30-0074

- b. Secondary Wet Collection System (Potrooms)
- | | |
|-------------------------|--------------------|
| 1) Total Particulate | 5 stacks per month |
| 2) Fluoride Particulate | 5 stacks per month |
| 3) Fluoride Gases | 5 stacks per month |
| 4) Sulfur Oxides | 1 stack per month |
| 5) Carbon Monoxide | 1 stack per month |
- c. Dry Collection System (Anode Baking Furnace)
- | | |
|-------------------------|-------------------|
| 1) Total Particulate | 5 times per month |
| 2) Fluoride Particulate | 5 times per month |
| 3) Fluoride Gases | 5 times per month |
| 4) Sulfur Oxides | Once per month |
| 5) Carbon Monoxide | Once per month |
| 6) Opacity | Continuous |
- d. Nuisance Dust Collectors
- | | |
|----------------|----------------|
| 1) Particulate | Twice per year |
|----------------|----------------|
- e. Testing required in a, b, c, and d above shall be spaced approximately equally throughout the month and with prior notice and scheduling submitted to the Department.
- f. The sulfur content (percent by weight) and quantity of each shipment of fuel oil received at the plant site Each shipment
- g. The sulfur content (percent by weight) and quantity of each shipment of coke and hard pitch received at the plant site. Each shipment
- h. Production rate of aluminum and anodes raw material feed rates and cell or potline voltages. Daily
21. The methods, procedures and complete details of the monitoring reporting programs required in Condition 20 shall be contained in a document prepared by the permittee and approved by the Department in writing at least six months prior to commencing operation.

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

Issuance Date: _____
Expiration Date 7/1/80
Page 6 of 7
Appl. No.: 0529
File No.: 30-0074

General Conditions

- G1. A copy of this permit or at least a copy of the title page and complete extraction of the operating and monitoring requirements and discharge limitations shall be posted at the facility and the contents thereof made known to operating personnel.
- G2. This issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.
- G3. The permittee is prohibited from conducting any open burning at the plant site or facility.
- G4. The permittee is prohibited from causing or allowing discharges of air contaminants from source(s) not covered by this permit so as to cause the plant site emissions to exceed the standards fixed by this permit or rules of the Department of Environmental Quality.
- G5. The permittee shall at all times conduct dust suppression measures to meet the requirements set forth in "Fugitive Emissions" and "Nuisance Conditions" in OAR, Chapter 340, Section 21-050.
- G6. (NOTICE CONDITION) The permittee shall dispose of all solid wastes or residues in manners and at locations approved by the Department of Environmental Quality.
- G7. The permittee shall allow Department of Environmental Quality representatives access to the plant site and record storage areas at all reasonable times for the purposes of making inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emission discharge records and otherwise conducting all necessary functions related to this permit.
- G8. The permittee, without prior notice to and written approval from the Department of Environmental Quality, is prohibited from altering, modifying or expanding the subject production facilities so as to affect emissions to the atmosphere.
- G9. The permittee shall be required to make application for a new permit if a substantial modification, alteration, addition or enlargement is proposed which would have a significant impact on air contaminant emission increases or reductions at the plant site.

PROPOSED
AIR CONTAMINANT DISCHARGE PERMIT PROVISIONS
Issued by the
Department of Environmental Quality for
Alumax Pacific Corporation

issuance date: _____
Expiration Date 7/1/80
Page 7 of 7
Appl. No.: 0529
File No.: 30-0074

G10. This permit is subject to revocation for cause, as provided by law, including:

- a. Misrepresentation of any material fact or lack of full disclosure in the application including any exhibits thereto, or in any other additional information requested or supplied in conjunction therewith;
- b. Violation of any of the requirements, limitations or conditions contained herein; or
- c. Any material change in quantity or character of air contaminants emitted to the atmosphere.

G11. The permittee shall notify the Department by telephone or in person within one (1) hour of any scheduled maintenance, malfunction of pollution control equipment, upset or any other conditions that cause or may tend to cause a significant increase in emissions or violation of any conditions of this permit. Such notice shall include:

- a. The nature and quantity of increased emissions that have occurred or are likely to occur,
- b. The expected length of time that any pollution control equipment will be out of service or reduced in effectiveness,
- c. The corrective action that is proposed to be taken, and
- d. The precautions that are proposed to be taken to prevent a future recurrence of a similar condition.

G12. Application for a modification or renewal of this permit must be submitted not less than 60 days prior to permit expiration date. A filing fee and Application Investigation and Permit Issuing or Denying Fee must be submitted with the application.

G13. The permittee shall submit the Annual Compliance Determination Fee to the Department of Environmental Quality according to the following schedule:

<u>Amount Due</u>	<u>Date Due</u>
\$175	May 31, 1976
175	May 31, 1977
175	May 31, 1978
175	May 31, 1979
See Condition G12	April 30, 1980

PROPOSED 6/12/75

ATTACHMENT 3

Permit Number: _____
Expiration Date: 7/31/80
Page 1 of 3

WATER POLLUTION CONTROL FACILITIES PERMIT

DEPARTMENT OF ENVIRONMENTAL QUALITY

1234 S. W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 229-5696

Issued in accordance with the provisions of

ORS 449.083 (Recodified as 468.740)

<p>ISSUED TO: Alumax Pacific Corporation Umatilla Division 303 East Main Street Hermiston, Oregon 97838</p> <p>PLANT SITE: 6 kilometers (3.7 miles) east of Umatilla, Oregon</p> <p>ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY</p> <p>_____ LOREN KRAMER -Director</p> <p>_____ Date</p>	<p>REFERENCE INFORMATION</p> <p>File Number: <u>2011</u></p> <p>Appl. No.: <u>2048</u> Received <u>5/20/75</u></p> <p>Major Basin: <u>Columbia</u></p> <p>Minor Basin: _____</p> <p>Type of Disposal <u>Evaporation Ponds</u></p> <p>County: <u>Umatilla</u></p>
--	--

PERMITTED ACTIVITIES

Until such time as this permit expires or is modified or revoked, Alumax Pacific Corporation is herewith permitted to:

- a. Construct, operate and maintain wastewater control, treatment and disposal facilities.
- b. Dispose of contaminated storm runoff by evaporation.

All of the above activities must be carried out in conformance with the requirements, limitations and conditions which follow.

All wastewater discharges to the waters of the state are prohibited.

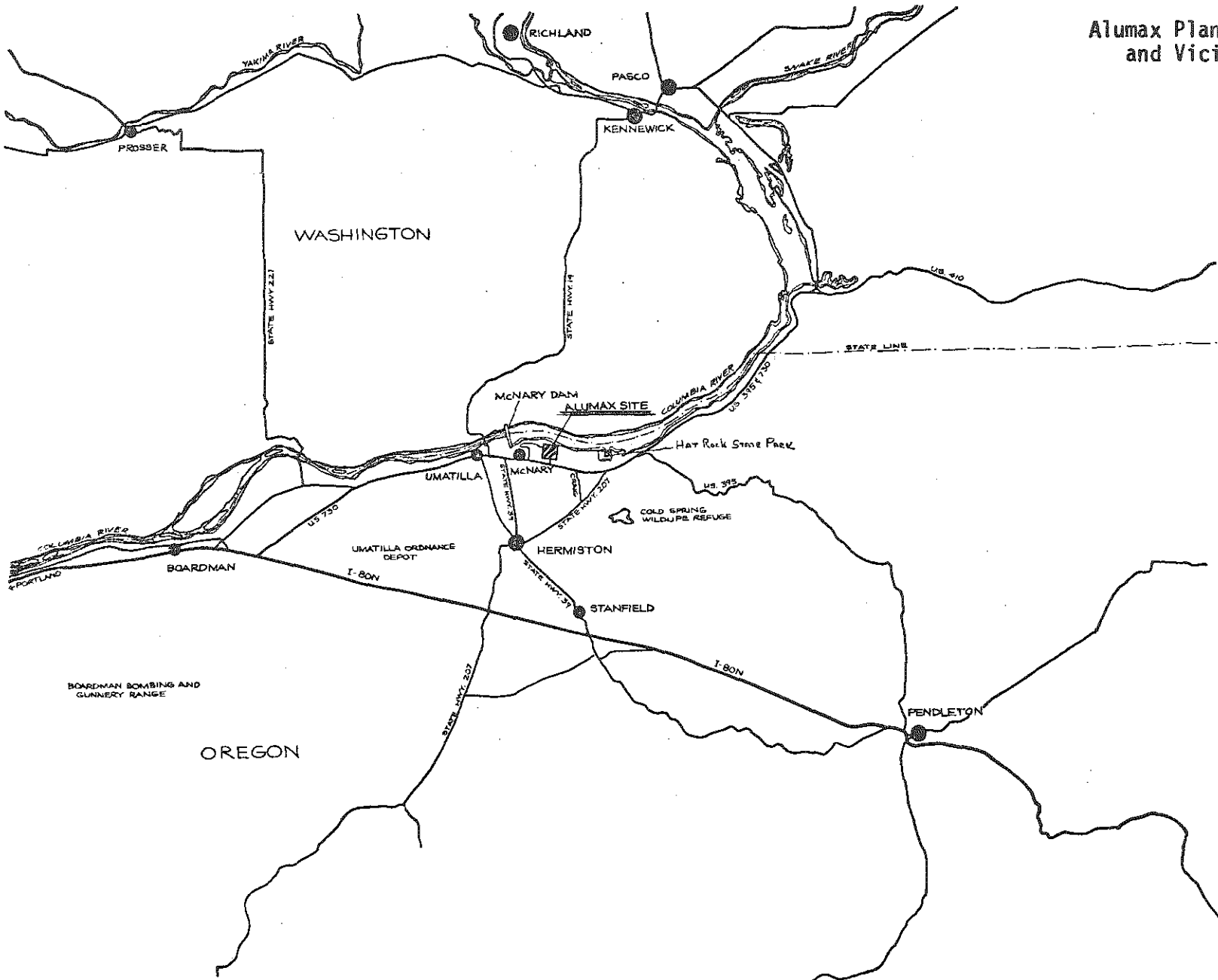
SPECIAL CONDITIONS

1. The permittee shall not initiate construction of any part of the wastewater control treatment and disposal facilities until detailed plans of all such facilities are approved in writing by the Department. Any modifications or additions to any wastewater control facility shall be approved in writing by the Department.
2. All wastewater control facilities shall be constructed in accordance with plans approved in writing by the Department. In addition, all wastewater control facilities shall be constructed and be operable prior to start-up of production.
3. Wastewater control facilities shall be provided for the irrigation water aquaduct which crosses the permittee's plant site such that this irrigation water cannot become contaminated by the permittee's operations. Special consideration shall be given to minimizing contamination of this irrigation water by fallout of air contaminants.
4. Waste pot liners or any material therefrom shall not be stored at the plant site except under a covered structure. In addition, this material shall not be disposed of in any landfill, disposal site, or at any other location in the State of Oregon.
5. Prior to October 31, 1976, the permittee shall submit a proposal to the Department for providing a ground water monitoring program of the plant site area. This program shall not be implemented until it has been approved in writing by the Department, but shall be implemented at least six months prior to start-up of the plant so that ground water background data can be gathered. Should the permittee prove to the satisfaction of the Department that ground water will not be contaminated by the permittee's operations, this requirement may be deleted.
6. No process wastewater including, but not limited to, waste scrubber water, cooling water, and cooling tower blowdown, shall be discharged to public waters of the State of Oregon at any time.
7. No filter backwash or other wastewater which is generated from any water treatment plant shall be discharged to public waters of the State of Oregon at any time.
8. All storm runoff from the process areas, material storage areas, pollution control facility areas, solid waste storage and disposal areas, and all other areas where surface runoff is likely to become significantly contaminated shall be collected, contained and otherwise controlled such that it is not allowed to enter public waters of the State of Oregon.
9. All sewage and all other domestic wastewaters shall be discharged to the City of Umatilla sewerage system. All wastewater discharged to the City of Umatilla sewerage system shall be in accordance with all rules, regulations, and limitations of the City of Umatilla.

PERMIT CONDITIONS :

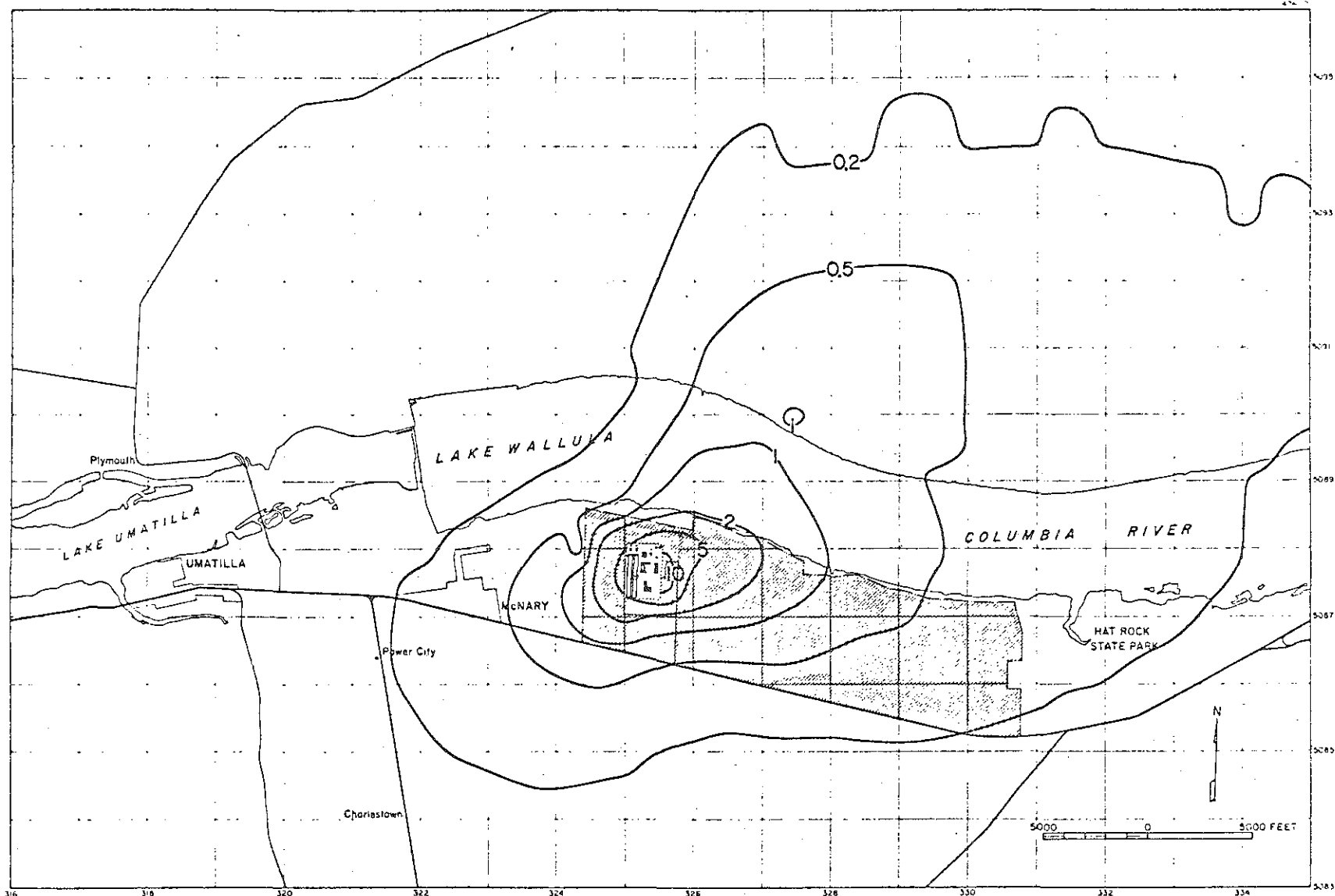
10. Prior to start-up the permittee shall provide an alternative power source sufficient to operate all facilities utilized by the permittee to maintain compliance with the terms and conditions of this permit. In lieu of this requirement the permittee may certify in writing to the Department within 30 days of the issuance of the permit that in the event of a reduction, loss, or failure of a power source the permittee shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this permit.
11. An environmental supervisor shall be provided to coordinate and carry out all necessary functions related to maintenance and operation of wastewater collection, treatment and disposal facilities. This person must have access to all information pertaining to the generation of wastes in various process areas.
12. After notice and opportunity for a hearing this permit may be modified, suspended or revoked in whole or in part during its term for cause including but not limited to the following:
 - a. Violation of any terms or conditions of this permit or any applicable rule, standard, or order of the Commission;
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
13. The permittee shall maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.
14. In the event the permittee is unable to comply with all of the conditions of this permit because of a breakdown of equipment or facilities, an accident caused by human error or negligence, or any other cause such as an act of nature, the permittee shall:
 - a. Immediately take action to stop, contain and clean up any unauthorized discharges and correct the problem.
 - b. Immediately notify the Department of Environmental Quality so that an investigation can be made to evaluate the impact and the corrective actions taken and determine additional action that must be taken.
 - c. Submit a detailed written report describing the breakdown, the actual quantity and quality of resulting waste discharges, corrective action taken, steps taken to prevent a recurrence and any other pertinent information.

FIGURE 1
 Alumax Plant Site
 and Vicinity



Source: CH2M HILL P9207.0

FIGURE 2



Calculated isopleths of annual average ground-level total particulate concentration in micrograms per cubic meter for the Oregon DEQ maximum projected emission rates (typical impact pattern).

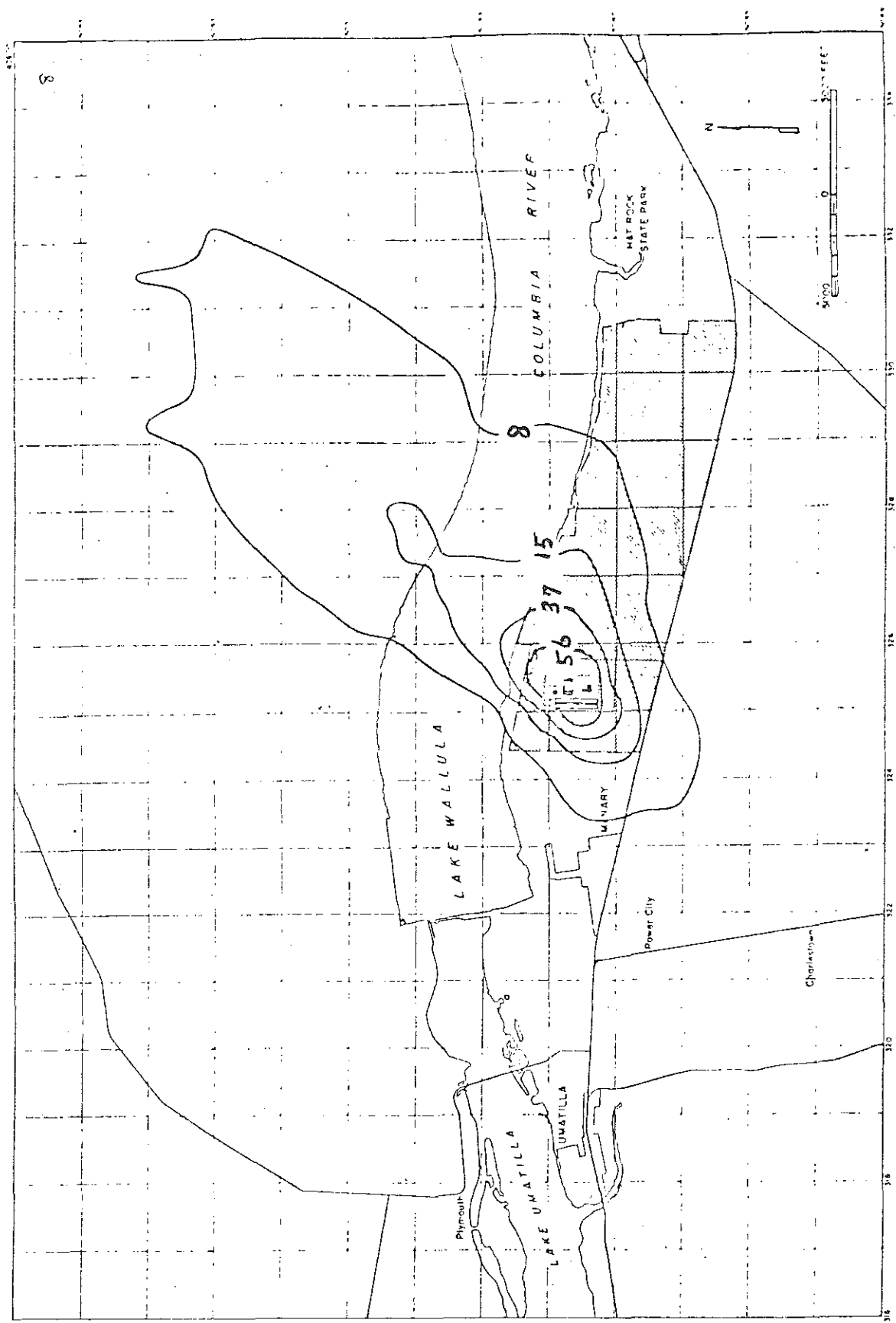


FIGURE 3

Calculated isopleths of fall forage fluoride concentrations (ppm).

TABLE 1
Alumax Projected Maximum Air Emissions

	<u>lb/ton</u> <u>Aluminum</u>	<u>tons/year</u>
Particulate	5	468
Total Fluoride	0.5	46.8
Sulfur Dioxide	40.3	3,774

TABLE 2

DEQ Maximum Projected Air Emissions
from Alumax
(lbs/ton Aluminum)

	<u>yearly average</u>	<u>monthly average</u>	<u>short-term average</u>
Particulate	4.1 (5)*	5.1 (7)*	6.5
Total Fluoride	0.5 (1.0)*	0.7 (1.3)*	1.0
Gaseous Fluoride	0.1	0.1	0.2
Sulfur Dioxide	40.3	40.3	40.3

*DEQ new aluminum plant emission limitation

Table 3
Maximum*Air Quality Impact ug/m³
Alumax, Umatilla

LINE	COLUMN	1	2	3	4	5	6	7	8	9	10
		Plant Site Existing Air Quality Background (estimated)	Impact Based on Case 1 Average Emissions Projected by Alumax		Impact Based on Case 2 Maximum Emissions Projected by DEQ		Impact Based on Case 3 Emissions at the DEQ Standard****		Proposed EPA Significant Air Quality Deterioration Criteria and State Air Quality Standards		
Air Contaminant	(BKGND)	W/O BKGND	W/BKGND	W/O BKGND	W/BKGND	W/O BKGND	W/BKGND	Class I Area "Clean Air"	Class II Area "Moderate Growth"	Class III Existing State Ambient Standards	
Particulate Matter***											
A	Annual Geometric Mean	39.4	3.5	42.9	4.6	44.0	6.8 (.2)**	46.2	5	10	60
B	Maximum 24 Hour Average	105	8.0	113.0	10.0	115.0	17.0 (.5)**	122.0	10	30	150
Sulfur Dioxide											
C	Annual Arithmetic Mean	13.0	14.0	27.0	14.0	27.0	14.0 (.5)**	27.0	2	15	60
D	Maximum 24 hour Average	13.0	41.0	54.0	41.0	54.0	41.0 (4)**	54.0	5	100	260
E	Maximum 3 hour Average	13.0	105.0	118.0	105.0	118.0	105.0 (23)**	118.0	25	700	1300
Gaseous Fluoride											
F	Annual Average	0	0.14	0.14	0.16	0.16	0.30	0.30	--	--	Wash. DOE Ambient Standards
G	Monthly Maximum	0	0.22	0.22	0.24 ⁺	0.24	0.45	0.45	--	--	(.84)
H	Seasonal Average (Growing Season)	0	0.12	0.12	(0.19) ⁺⁺	0.38	0.38	0.38	--	--	(.50)
I	Maximum 24 hour Average	0	0.6	0.6	0.8	0.8	1.5	1.5	--	--	(2.9)
J	Maximum 12 hour Average	0	1.2	1.2	1.6	1.6	3.0	3.0	--	--	(3.7)
K	Maximum 3 hour Average	0	5.0	5.0	6.3	6.3	11.8	11.8	--	--	--

⁺Ratioed
⁺⁺Sept.

*Maximums occur northeast of plant just off plant site boundaries.

**Cold Springs National Wildlife Refuge

***Umatilla County (does not include days having obvious dust storms)

****Estimates based on ratioing impacts calculated for Case 1 and 2 conditions.

TABLE 4

Flora Survey
Species Located or Possibly Located
Within Five Miles of Alumax

Plants	Susceptibility to Fluoride Damage*		
	Susceptible	Intermediate	Resistant
<u>Ornamentals</u>			
Juniper			X
Pines (most sensitive)			
Young Needles	X(1)		
Old Needles			X
Blue Spruce		X	
Maples			X
Russian Olive			X
Lombardy Poplar			X
Honey Locust			X
Sycamores			X
Cottonwood			X
Willow			X
Black Locust			X
Peach		X	
Cherry		X(3)	
Apricot (most sensitive sp.)	X(2)		
<u>Native Species</u>			
Sage			X
Russian Thistle			X
Cheatgrass			X
Cattails, March Plants			X
Pasture Grass			X
Bitterbrush			X
<u>Crops</u>			
Potatoes			X
Corn		X(4)	
Asparagus			X
Pasture Grass			X
Wheat			X
Sugar Beets			X
Grapes (European)	X		
Alfalfa			X
Melons			X

Minimum Level of Exposure Causing Damage

- (1) 3 ug/m³ F⁻ 24 hour average
- (2) 1 ug/m³ F⁻ monthly avg. (growing season)
- (3) 1 ug/m³ F⁻ monthly avg.
- (4) 15 ug/m³ F⁻ 24 hour average

Calculated F⁻ Impact at Plant Boundary

- 1.5 ug/m³ F⁻ 24 hour maximum
- 0.38 ug/m³ F⁻ monthly max. (growing season)
- 0.45 ug/m³ F⁻ monthly max.
- 1.5 ug/m³ F⁻ 24 hour maximum

*Reference: "Biologic Effects of Atmospheric Pollutants-Fluorides," National Academy of Sciences, Washington, D.C., 1971.

TABLE 5

FAUNA SURVEY

The following species are, or could be, located within five miles of the Alumax plant site.

<u>SPECIES</u>	<u>DIETARY FLUORIDE TOLERANCES-IN PPM F</u>
Domestic-economically significant	
Beef or dairy heifers	40
Mature beef or dairy cattle	50
Finished cattle	100
Feeder lambs	150
Breeding ewes	60
Horses	60
Finishing pigs	150
Breeding sows	150
Growing or broiler chickens	300
Laying or breeding hens	400
Turkeys	400
Native-environmentally significant	
Birds	> 400
Geese, Ducks, Quail,	"
Magpie, Pheasant, etc.	"

These values assume continual ingestion of fluoride by the animals. They take into account the economic usefulness of the animals and are meant to assure that this role is not impaired. These suggested tolerances are for fluoride in soluble form.

Available data suggest that a threshold for an accumulation of fluoride in forage of more than 40 ppm would be a 30-day average air concentration of gaseous fluoride of about 0.5 ug/m³.

Annual average air concentrations of gaseous fluoride off the Alumax site are less than 0.2 ug/m³.

Sources:

- Fluorides: National Academy of Sciences, 1971
- Effects of Fluorides on Animals: National Academy of Sciences, 1974
- Dr. J. W. Suttie, University of Wisconsin.

TESTIMONY OF THE OREGON ENVIRONMENTAL COUNCIL
BEFORE THE ENVIRONMENTAL QUALITY COMMISSION
REGARDING PROPOSED ALUMAX AIR CONTAMINANT DIS-
CHARGE PERMIT, HERMISTON, OREGON JULY 15, 1975

Mr. Chairman and members of the Commission, my name is Deanna Crispin and I represent the Oregon Environmental Council. The Council is a coalition of 80 conservation, sportsman, planning and labor organizations and approximately 2,500 environmentally concerned Oregonians. Our offices are located at 2637 S.W. Water Avenue, Portland, Oregon 97201.

The Oregon Environmental Council has a long interest in the proposed Alumax aluminum reduction plant. We have read and reviewed the Environmental Impact Statement prepared for the AMAX site at Warrenton and we have studied other public information. We have presented testimony at previous hearings. We have studied the Proposed Air Contaminant Discharge Permit prepared by the Department of Environmental Quality and the attached background statements. We appreciate the scope of the studies prepared by the Alumax Pacific Corporation and its consultants, the H.E. Cramer Company. We commend the apparent willingness of the corporation to install the best practicable treatment and control methods as required by DEQ regulations (OAR Chapter 340 Section 20-001). The Council further appreciates the studies undertaken by the DEQ in investigating the Alumax facility planning and the data presented by the corporation and its consultants.

The data presented by Alumax and the DEQ indicate that this proposed aluminum reduction facility should be able to operate successfully in compliance with DEQ emission standards and ambient air standards and without causing significant deterioration of air quality limits as set forth by EPA. This conclusion is based on statistical analysis of data collected from plants which employ portions of the proposed control system. As the DEQ Background paper points out, no existing aluminum plant is known to employ all three of the control systems that together will be necessary to meet the proposed standards. The best assumptions, estimates and projections made in planning can be disproven when a plant becomes operational. If we discover at some future date that the facility cannot meet the projected standards, the Department of Environmental Quality should not then determine that the standards had been set too high and so adjust them accordingly.

Alumax will be a major industry in the Umatilla area; nevertheless, the Oregon Environmental Council feels that the Commission should set strict standards, and require the facility to adhere to them.

We urge that particular emphasis be placed on the implementation of Special Conditions contained in the proposed permit detailing planning, specifications and installation of air pollution control systems (items 8-17) and governing the Pre- and Post- Monitoring Program (items 19-21 in the proposed permit). We also urge the Commission to place special emphasis on the General Conditions G-8 and G-9 (modification or enlargement of the facility), G-10 (revocation for cause) and G-11 (notification requirements).

The EQC is the body empowered with formulation of policies which ultimately maintain the quality of life in Oregon. The Oregon Environmental Council supports the adoption of strict regulations for this proposed aluminum reduction facility and urges a program of strict monitoring and enforcement of these regulations. Oregonians will be watching this facility to see if an industry can truly fulfill its promises to provide jobs and economic benefits to the state without damaging the quality of life.

Thank you.

Presented before the Environmental
Quality Commission at their Public
Hearing on Proposed Air Contaminant
Discharge Permit for Alumax Pacific
Corporation Aluminum Reduction Plant
near Umatilla, Oregon.

Hermiston, Oregon, July 15, 1975

Oregon Environmental Council
2637 S.W. Water Avenue
Portland, Oregon 97201

(503) 222-1963

alh

My name is John N. Groupe, Economic Development Specialist with the Oregon Department of Economic Development, serving the Eastern Oregon Region from the regional headquarters in LaGrande, Oregon.

The Oregon Department of Economic Development recognizes:

1. That environmental protection and a balanced economy are of great importance to all Oregonians; and that these goals are not, and cannot be permitted to become, mutually exclusive.
2. That a program of balanced economic growth and development is necessary to correct an existing imbalance in the geographic distribution, quality and quantity of economic activity within the state.
3. That the current imbalance in the geography of economic health that exists between the metro and rural areas is demonstrated in the rural and less developed regions of the state by markedly lower levels of personal income per capita, fewer community services, restricted tax base, narrow economic base, and high outmigration of young people and higher chronic and cyclical unemployment rates.
4. That properly planned and properly distributed economic growth can help maintain and improve the total environment by broadening the tax base so that more and better services can be provided to all citizens.
5. That Oregon cannot offer an attractive future to its own youth unless additional jobs are made available through the expansion of existing industry and the location of new industries. Without these additional

industrial payrolls the state may suffer a migration of its youth and continuing decline of many of the smaller communities.

6. That Oregon's clean air, its streams and forests, its varied regions and mountains and its vast natural beauty are in themselves an economic asset and an incentive to industry; and that a sound, balanced economy in a well-protected environment are worthy and compatible goals.

I sincerely believe that the proposed Alumax Pacific Corporation will contribute to the needed job diversification in the growing Mid-Columbia area. Oregon's cyclical economy has had many peaks and valleys because of a declining wood products industry. Because of automation and increasing shortages in our available timber stands we face the probability of fewer jobs in the wood products industry over the long term.

The proposed aluminum plant will most certainly supply the type of employment desirable by the many young people who prefer to remain in Eastern Oregon.

I feel that the leaders of the Alumax Pacific Corporation have demonstrated that they will protect our environment and operate within the requirements of the laws of Oregon and the directives of the various state agencies. We need this industry now, and I am hopeful that we can interest additional industrial development in rural Oregon to improve the quality of life of many of our citizens who have been existing on substandard incomes.

TESTIMONY AT OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY HEARING
HERMISTON, OREGON
JULY 15, 1975

GOOD EVENING LADIES AND GENTLEMEN. MY NAME IS ANITA FRANKEL, AND I AM CHIEF OF THE AIR PLANNING SECTION WITH THE REGION X OFFICE OF THE ENVIRONMENTAL PROTECTION AGENCY. WE WISH TO TAKE THIS OPPORTUNITY TO BRIEFLY REVIEW FOR YOU A FEDERAL AIR POLLUTION CONTROL REGULATION WHICH MAY BE APPLICABLE TO THE CONSTRUCTION OF THIS PROPOSED ALUMINUM REDUCTION PLANT.

AS REQUIRED BY THE CLEAN AIR ACT AMENDMENTS OF 1970, A FEDERAL REGULATION WAS PROMULGATED BY EPA ON DECEMBER 5, 1974, TO PREVENT SIGNIFICANT DETERIORATION (PSD) OF AIR QUALITY IN THOSE AREAS OF THE COUNTRY IN WHICH AIR QUALITY IS BETTER THAN THAT REQUIRED BY THE NATIONAL AMBIENT AIR QUALITY STANDARDS. THE REGULATION IS IMPLEMENTED THROUGH A PRECONSTRUCTION REVIEW AND APPROVAL PROCESS FOR CERTAIN CATEGORIES OF NEW AND MODIFIED INDUSTRIAL SOURCES WHICH EMIT SUBSTANTIAL EMISSIONS OF PARTICULATE MATTER AND SULFUR DIOXIDE. THIS REVIEW IS APPLICABLE TO SOURCES WHICH COMMENCE CONSTRUCTION AFTER JUNE 1, 1975, AND IS SIMILAR TO THE NEW SOURCE REVIEW PROGRAM CONDUCTED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY. HOWEVER, IN ADDITION TO DETERMINING A PROPOSED PROJECT'S EFFECT ON THE ATTAINMENT AND MAINTENANCE OF NATIONAL AIR QUALITY STANDARDS, THIS REGULATION REQUIRES DEMONSTRATION THAT THE PROJECT'S EMISSIONS WILL NOT CAUSE THE AIR QUALITY DETERIORATION LIMIT, ESTABLISHED TO PROTECT THE AREA FROM SIGNIFICANT DETERIORATION, TO BE EXCEEDED. SOURCES SUBJECT TO THIS REVIEW ARE REQUIRED TO CONTROL THEIR EMISSIONS WITH BEST AVAILABLE CONTROL TECHNOLOGY.

(2)

THE APPLICABLE DETERIORATION LIMITS ARE DETERMINED BY AN AREA'S CLASS DESIGNATION. CLASS I AREAS ARE THOSE WHERE A SMALL INCREASE IN POLLUTANT CONCENTRATIONS WOULD BE CONSIDERED SIGNIFICANT, CLASS II AREAS ARE THOSE WHERE POLLUTANT CONCENTRATION INCREASES ACCOMPANYING MODERATE, WELL-CONTROLLED GROWTH IS NOT CONSIDERED SIGNIFICANT, AND CLASS III AREAS ARE THOSE WHERE CONCENTRATION INCREASES TO THAT LEVEL ALLOWED BY NATIONAL SECONDARY STANDARDS WOULD NOT BE CONSIDERED SIGNIFICANT. EPA HAS INITIALLY CLASSIFIED ALL AREAS OF THE COUNTRY AS CLASS II.

OREGON HAS REQUESTED DELEGATION TO IMPLEMENT THIS PROGRAM. UNTIL THE DELEGATION PROCESS IS COMPLETE, EPA IS ADMINISTERING THE REGULATION. TO PERMIT CONSTRUCTION OF A SUBJECT FACILITY, WE MUST BE ASSURED THAT THE SOURCE'S EMISSIONS DO NOT CAUSE THE ALLOWABLE DETERIORATION LIMIT TO BE EXCEEDED. AN APPLICANT WILL BE ASKED TO SUBMIT TO THE EPA REGIONAL OFFICE INFORMATION ABOUT THE PROJECT INCLUDING APPROPRIATE OPERATING PARAMETERS, SITE INFORMATION, EMISSIONS ESTIMATE, AND THE TYPE OF EMISSIONS CONTROL WHICH WILL BE EMPLOYED. APPLICANTS ARE ENCOURAGED TO SUBMIT THE RESULTS OF MODELLING STUDIES WHICH SHOW THE PROJECT'S EFFECT ON AMBIENT AIR QUALITY CONCENTRATIONS. IN ADDITION, THE REGULATION REQUIRES EPA TO SOLICIT PUBLIC COMMENT ON THE APPLICATION AND ON EPA'S PRELIMINARY DETERMINATION OF WHETHER TO APPROVE AN APPLICATION.

SINCE THIS IS A NEW REGULATION, EPA IS STRONGLY ENCOURAGING APPLICANTS TO SEEK A PRE-APPLICATION CONFERENCE WITH US, SO THAT POTENTIAL DELAYS OR MISUNDERSTANDINGS CAN BE AVOIDED.

HOME ADDRESS
WALLACE W. McCRAE
1303 NW KING AVENUE
PENDLETON, OREGON 97801

UMATILLA COUNTY
DISTRICT 57



COMMITTEES
MEMBER:
EDUCATION/SCHOOL FINANCE
AGING

HOUSE OF REPRESENTATIVES
SALEM, OREGON
97310

JULY 15, 1975

MR. CHAIRMAN---MEMBERS OF THE COMMISSION:

I AM WALLACE McCRAE-STATE REPRESENTATIVE FROM DIST.#57.

I AM HERE TONIGHT IN A DUAL ROLE. ONE AS A REPRESENTATIVE OF STATE GOVERNMENT-THE OTHER AS A CITIZEN OF UMATILLA COUNTY.

IN BOTH OF THESE ROLES I WISH TO STRONGLY URGE THE COMMISSION'S FAVORABLE CONSIDERATION OF THE ALUMAX APPLICATION BEING CONSIDERED HERE TONIGHT.

THE PLANS YOU ARE BEING ASKED TO APPROVE TONIGHT ARE COMPATIBLE TO THE STATE PROGRAM OF ECONOMIC DEVELOPMENT WHICH STRESSES DISBURSEMENT OF INDUSTRY TO LOCATIONS OUTSIDE OF THE METROPOLITAN AREA. WE ARE ACUTELY AWARE OF THE COMPOUNDING OF URBAN PROBLEMS BY THE CONTINUED LOCATION OF NEW INDUSTRIES WITHIN ALREADY CONJESTED AREAS.

WE SAW THIS PROPOSED DEVELOPMENT SLIP AWAY FROM THE COASTAL REGION. THE UMATILLA SITE SEEMS ADMIRABLY ADAPTED TO THE ALUMAX REQUIREMENTS AND WOULD AVOID THE THREAT OF LOCATIONS IN NEIGHBORING STATES.

AS A CITIZEN OF THIS AREA I SEE THIS AS ANOTHER STEP TOWARD THE REALIZATION OF OUR DREAM OF DIVERSIFICATION OF OUR ECONOMY BY THE ADDITION OF ANOTHER MAJOR INDUSTRY TO COMPLIMENT OUR HISTORIC DEPENDENCE UPON AGRICULTURE, LIVESTOCK AND LUMBER.

THIS AREA HAS DEMONSTRATED A WARM WELCOME TO ALUMAX AND A WILLINGNESS TO ACCEPT THE RESPONSIBILITIES THAT ACCOMPANY IT.

I URGE APPROVAL OF THIS APPLICATION.

ENVIRONMENTAL QUALITY COMMISSION HEARING

JULY 15, 1975

MR CHAIRMAN; MEMBERS OF THE COMMISSION: MY NAME IS JAMES A. HOWARTH, I AM VICE-PRESIDENT AND PROJECT MANAGER FOR ALUMAX PACIFIC CORPORATION: I PRESENTLY RESIDE IN OREGON, MAINTAINING RESIDENCES IN ASTORIA, PORTLAND, AND THE TOWN OF MCNARY. I AM HOPEFUL OF MOVING PERMANENTLY TO UMATILLA COUNTY IN THE IMMEDIATE FUTURE AS THE PLANT MANAGER OF MY COMPANY'S PROPOSED ALUMINUM REDUCTION PLANT.

ALUMAX FILED PERMIT APPLICATIONS WITH THE DEPARTMENT OF ENVIRONMENTAL QUALITY ON APRIL 18. SINCE THEN WE HAVE GIVEN THE DEPARTMENT REPORTS, DATA AND INFORMATION NECESSARY TO COMPLETE THESE PERMIT APPLICATIONS AND HAVE FURNISHED ALL THE INFORMATION THE DEPARTMENT REQUESTED TO ASSIST THE STAFF IN ANALYZING AND REVIEWING OUR APPLICATIONS.

ALUMAX BELIEVES THAT WE HAVE DEMONSTRATED THE CHOICE AND USE OF THE HIGHEST AND BEST PRACTICABLE TREATMENT AND CONTROL OF EMISSIONS FROM THE PROPOSED PLANT.

THROUGH THE DEVELOPMENT OF DATA FROM VARIOUS ALUMINUM REDUCTION PLANTS, THROUGH THE USE OF DISPERSION MODELING TECHNOLOGY, AND FINALLY THROUGH CONSULTATION WITH RECOGNIZED EXPERTS IN THE FIELD OF EMISSION EFFECTS ON THE ENVIRONMENT, WE ARE CONFIDENT THAT THE OPERATION OF THE ALUMAX PLANT WILL MEET ALL APPLICABLE QUALITY STANDARDS: AND WILL NOT HAVE ANY ADVERSE EFFECT ON THE NATURAL ENVIRONMENT.

THROUGHOUT THE PAST MONTHS, WE HAVE BEEN IMPRESSED BY THE TECHNICAL COMPETENCE OF DEPARTMENT STAFF AND BY THEIR DILLIGENCE IN BRINGING THE

STAFF REPORT TO THE COMMISSION AT THIS TIME. WE HAVE REVIEWED THE PROPOSED PERMITS -- WE FIND THE CONDITIONS TO BE COMPREHENSIVE AND STRINGENT. WE CAN COMPLY WITH ALL THE CONDITIONS SET FORTH.

ALUMAX DOES NOT INTEND TO PRESENT FURTHER FORMAL TESTIMONY AT THIS PUBLIC HEARING: AS YOU MAY BE AWARE, WE DID PRESENT TESTIMONY HERE ON APRIL 30 AT A UMATILLA COUNTY PLANNING COMMISSION HEARING --- WE BELIEVE THE DEPARTMENT STAFF REPORT SAYS EVERYTHING WE COULD SAY, AND SAYS IT BETTER.

IF MR. CHAIRMAN, YOU OR ANY MEMBERS OF YOUR COMMISSION HAVE QUESTIONS TO WHICH WE MAY RESPOND, WE HAVE PRESENT SEVERAL CONSULTANTS, EACH AN EXPERT IN THEIR RESPECTIVE FIELDS, THAT ARE PREPARED TO BE RESPONSIVE TO YOUR QUESTIONS.

THESE CONSULTANTS INCLUDE:

DR. MICHAEL TRESHOW: EFFECTS OF EMISSIONS ON VEGETATION

DR. WILLIAM HARRIS: EFFECTS OF EMISSIONS ON CATTLE

DR. VICTOR KACZYNSKI: EFFECTS OF EMISSIONS ON WATER AND AQUATIC LIFE

DR. HARRISON CRAMER: EFFECTS OF PLANT ON AIR QUALITY

MR. WILLIAM BLOSSER: COMMUNITY IMPACTS

MR. BERNARD GOLDHAMMER: ELECTRICAL ENERGY

Statement by: Roy Sampsel
Member Federal Regional Council, Pacific Northwest Region Special
Assistant to the Secretary, Department of the Interior

Federal Agencies in the Pacific Northwest have been working with local leadership in the Hermiston - Umatilla area during the past year analyzing technical data regarding an upgraded water system and available financial sources.

In the process of this informal review some agencies initially questioned the validity of the need and the technical solutions proposed. However, now that studies have been completed, Federal agencies within the Federal Regional Council and others not formally represented on the Council do feel that the facts place this project high on the list of regional priorities.

We have no formal request for Federal assistance before us at this time, but are willing to entertain such a request as soon as the local and state governing authorities have completed the necessary preparatory work.

In our review, we find that the project has the characteristics appropriate to become a demonstration project within multi-agency funding criteria.

It is clear to us because of this review that the water problem is not the result of any single factor such as the Alumax plant or the people this plant will bring to this region. Quite the contrary; this plant allows us to review the project in the context of a model land and resource development.

I am confident that we will be able to provide appropriate Federal funding; more than that, we concur with the State's policy that distributed growth is desirable, and look forward to participating in a project on that basis.

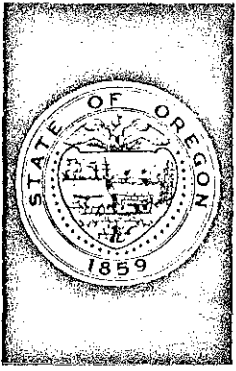
The key ingredient that allows us to take this position in the strong coordination between each of the local agencies and the way that they are moving so actively to deal with the process of planned development -- not on the basis of looking for a solution after the problems are upon them, but on the basis of preventing them from occurring.

For the purpose of this hearing the Federal agencies view is that:

-- the water problem does not stem specifically from the siting of this plant.

-- that, in fact, the siting of this plant in Umatilla contributes to developing an accelerated solution to the problem.

We share with you the need for the best currently available technical data being applied to this planning process and that public participation in the decision making process is essential. Our concern is not how to solve the problem, but how best to solve it for this area of Oregon, this State and region.



DEPARTMENT OF ENVIRONMENTAL QUALITY

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229-5301

ROBERT W. STRAUB
GOVERNOR

July 30, 1975

Mr. Larry Williams
Executive Director
Oregon Environmental Council
2637 S. W. Water Avenue
Portland, Oregon 97201

Dear Larry:

Thank you for expressing your concern that Alumax may not intend to meet the standards imposed upon them by the conditions of their Air Contaminant Discharge Permit as issued on July 22, 1975. Our staff, as you know, has been in lengthy dialogue with representatives of Alumax. We have been presented with voluminous data with regard to the operation of their planned facility near Hermiston. I can assure you that we've been given no reason to doubt that they intend to build the cleanest facility of its kind in the world. While there is some element of risk involved because their operation will be breaking new ground in the area of environmental controls, the permit was based on staff's professional judgment that the plant will meet our stringent state standards for flouride emissions.

With regard to your suggestion that the permit should be revised to include a specification of harsh civil penalties for intentional violation, we are unable to discover in this agency authority to impose civil penalties in excess of \$500 for violation of air quality standards. This holds true even in the case of intentional violation. After consultation with counsel, we conclude that to impose higher civil penalties than the statute authorizes by including them as permit conditions would go beyond the scope of legislative intent.

Mr. Larry Williams
July 30, 1975
Page Two

Perhaps you can take some comfort from the fact that, should violations occur, the Commission has standing to seek an injunction through the Courts. This, in addition to the present schedule of civil penalties, provides what we feel is an adequate enforcement procedure whose availability, we are confident, is well known to Alumax management.

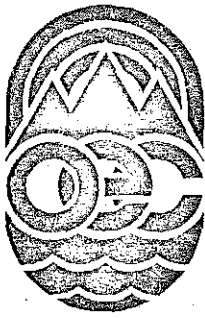
Consequently, we feel that the permit should stand as issued. Thank you for your concern in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Loren Kramer", written in dark ink.

LOREN KRAMER
Director

LK:cm



RECEIVED

JUL 28 1975

OREGON ENVIRONMENTAL COUNCIL
OFFICE OF THE DIRECTOR

2637 S.W. WATER AVENUE, PORTLAND, OREGON 97201 / PHONE: 503/222-1963

July 24, 1975

Mr. Bud Kramer
Department of Environmental Quality
1234 S.W. Morrison Street
Portland, Oregon 97204

Dear Bud:

I am sorry that we did not follow up on the proposal I made to you regarding the modification of the Alumax Air Discharge Permit. I thought that it would be included as part of our testimony as given before the commission, but discovered upon return from vacation that the issue had not been dealt with.

Specifically, we suggest that provisions for very stiff civil penalties be included in the air quality discharge permit for Alumax if they violate the permitted air discharge standards more than three days in succession. Under current law you are allowed to fine up to \$500 per day for violation of the established standards. However, if violation appears to be intentional, which it would be if the company received notice and had an opportunity to shut down, then the Department has the authority to impose civil penalties for as large amount as seems appropriate. We propose that civil penalties for as much as \$25,000 to \$50,000 a day for intentional violation of the air quality standards be made part of the permit.

A clause should be written into the permit to allow certain number of days for shake-down and adjustment of the equipment. Your staff is better equipped than I to judge how long it may take to get the equipment into good operating order. After that time, however, the company should be expected to comply with the State's permit as has been agreed upon.

We are concerned that Alumax may not intend to meet the standards. They know that their chance of getting the standards revised after the plant is constructed are very good, and therefore they can accept almost any standards the State promulgates at this time. If they can be assured that they are going to be faced with severe financial penalties for violating the State standards, they may take seriously the need to meet

A. F. T. E. R., Tigard
AMERICAN ASSOCIATION OF UNIVERSITY
WOMEN, Forest Grove Chapter
Portland Chapter

AMERICAN INSTITUTE OF ARCHITECTS
The Portland Chapter

Southwestern Oregon Chapter

AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS
Oregon Chapter

ANGLERS CLUB OF PORTLAND

ASSOCIATED GENERAL CONTRACTORS OF AMERICA

DUBON SOCIETY, Portland, Central Oregon, Corvallis

BAY AREA ENVIRONMENTAL COMMITTEE
Coos Bay, Oregon

CHEMOKETANS, Salem, Oregon

CITIZENS FOR A CLEAN ENVIRONMENT
Corvallis, Oregon

CLATSOP ENVIRONMENTAL COUNCIL

EAST SALEM ENVIRONMENTAL COUNCIL

ECO-ALLIANCE, Corvallis

EUGENE FUTURE POWER COMMITTEE

EUGENE NATURAL HISTORY SOCIETY

FRIENDS OF THE EARTH

GARDEN CLUBS of Cedar Mill, Corvallis,
Eastmoreland, Fir Grove, Gervis, Nehalem Bay,

McKenzie River, McMinnville, Portland, Scappoose, Villa

GOOSE HOLLOW FOOTHILLS LEAGUE

JUNIOR LEAGUE, Eugene, Portland

LEAGUE OF WOMEN VOTERS
Central Lane
Coos County

McKENZIE FLYFISHERS, Eugene, Oregon

McKENZIE GUARDIANS, Blue River, Oregon

MT. HOOD COMMUNITY COLLEGE
OUTDOOR CLUB

NEWPORT FRIENDS OF THE EARTH

NORTHWEST ENVIRONMENTAL
DEFENSE CENTER

NORTHWEST STEELHEADERS COUNCIL OF TROUT
UNLIMITED, Tigard, Willamette Falls

OBSIDIANS, INC., Eugene, Oregon

OREGON BASS AND PANFISH CLUB

OREGON CITIZENS FOR CLEAN AIR

OREGON GUIDES AND PACKERS, Sublimity, Oregon

OREGON LUNG ASSOCIATION

OREGON PARK & RECREATION SOCIETY
Eugene, Oregon

OREGON ROADSIDE COUNCIL

OREGON SHORES CONSERVATION COALITION
O.S.P.I.R.G.

PLANNED PARENTHOOD ASSOCIATION, INC.
Lane County
Portland

PORTLAND RECYCLING TEAM, INC.
P.U.R.E., Bend, Oregon

REED COLLEGE OUTING CLUB
Portland, Oregon

ROGUE ECOLOGY COUNCIL
Ashland, Oregon

SANTIAM ALPINE CLUB
Salem, Oregon

SELLWOOD-MORELAND IMPROVEMENT
LEAGUE, Portland

SIERRA CLUB

Pacific Northwest Chapter

Columbia Group, Portland

Klamath, Klamath Falls

Mary's Peak, Corvallis

Mt. Jefferson, Salem

Rogue Valley, Ashland

SOLV

SPENCER BUTTE IMPROVEMENT ASSOCIATION
Eugene, Oregon

STEAMBOATERS

SURVIVAL CENTER, U. of O., Eugene

TEAMSTERS FOOD PROCESSORS

UMPUQUA WILDERNESS DEFENDERS

WESTERN RIVER GUIDES ASSOCIATION, INC.

WILLAMETTE RIVER GREENWAY ASSOCIATION

WOMEN'S LAW FORUM, U of O, Eugene


ZERO POPULATION GROWTH
Lane County Chapter

Bud Kramer
July 24, 1975

Page 2

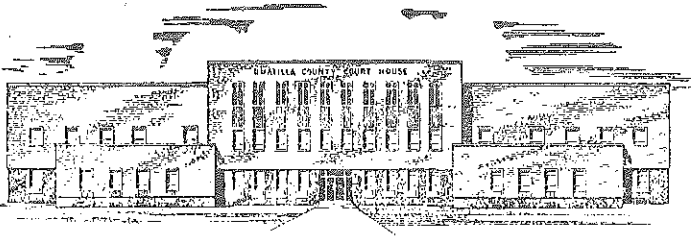
permit requirements and therefore save all of us a lot of headaches in the future. We think the proposed modification would give us all some assurance that Alumax will indeed be a good neighbor.

Sincerely,


Harry Williams
Executive Director

LW:alh

cc: George Tsongas
Janet McLennan



216 Southeast 4th
Pendleton, Oregon 97801

UMATILLA COUNTY
BOARD OF COMMISSIONERS

F. K. "Woody" Starrett
Barbara Lynch
Raymond Bevans

P.O. Box 1427
Ph: 503 276-7111

J. Dean Fouquette, Administrative Assistant

July 15, 1975

Gentlemen:

Very simply stated, Umatilla County supports this project. It can be the cornerstone for county industrial development to go hand in hand with our great agricultural growth. It meets the concept of Governor Straub for dispersal of State industry.

There is a cooperative effort between the principals to develop additional energy from coal at the Carty Site (Boardman). This will strengthen our energy resources.

In summary, your favorable decision can enhance the liveability for residence in Umatilla County. I would feel very "comfortable" to welcome our new friend, Alumax.

Sincerely,

F. K. Starrett, Chairman
Board of Commissioners

FKS:mw

ALUMAX
Social Impact on Area Communities

A statement by A.F. Rohrman, a resident of the city of Hermiston for over 45 years.

It has been of various concern about the SOCIAL impact the construction and operation of the Alumax Aluminum Plant will have upon the communities in the West end of Umatilla County and Northern Morrow County.

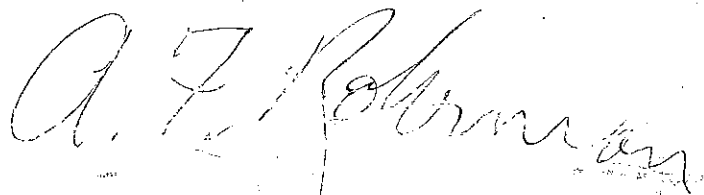
For The Environmental Commission to arrive at decisions, a knowledge of past experiences will be of value. Therefore, a little history may be in order at this meeting.

Historically, this has been our actual experiences:

- (1). In 1941 during the construction of the Umatilla Army Depot, just West of Hermiston, over an area that was 4 miles wide and 6 miles long, we had at the peak, over 8000 workers on this project, (not 80 or 800 but over 8000). Hermiston's 1940 census was at about 850 and the neighboring towns had a proportionate density. We had problems, we survived, and in a manner, pulled thru. All this without the aid of any Governmental Agency; this was unknown at the time.
- (2). Shortly after World War II, Col. Tudor of the Army Engineers had a meeting with a group of local citizens here in Hermiston. His mission was to advise us that McNary Dam was to be built and at the peak of construction there would be 3500 workers and it was up to us to take care of this influx of workers. After our experiences with the Army Depot, the McNary Dam construction posed no problem.
- (3). Since the completion of these 2 major projects, the area has continued to grow and upgrade the services to it's citizenry. More recently we have had the development at Hinkle, Marlette, Lamb-Weston, the Agri-Business, and Johns-Manville. These, together, will employ more than is planned for the construction of Alumax.

All this activity has been taken in stride by the communities involved. From our past experiences in actually going thru periods of peak employment I feel that we shouldn't be too concerned about the SOCIAL IMPACT ALUMAX will have on our communities.

WE CAN HANDLE IT.



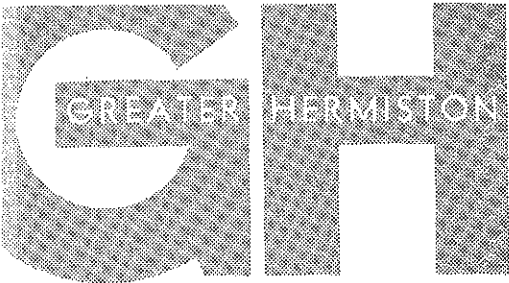
To: ENVIRONMENTAL QUALITY COMMISSION

FROM: L.B. Urbauer, Administrator
Good Shepherd Hospital
Hermiston, Oregon 97838

The operation of the Alumax plant in our hospital area would increase the utilization of the hospital facility and services. The hospital is licensed for 56 beds and by State Health Department survey has a capacity of 69 beds. Our present occupancy computed on 56 beds is 53.17%. Computed on 69 beds it would be 42.9%. The past increase in population of the area has not increased hospital utilization. Total patient days 1973 was 13,371, 1974 - 12,266, 1975 - 10,775.

The 3 acute care hospitals in Umatilla County are in need of increased utilization to maintain the resources necessary to provide good quality health care. The availability of quality health care will decrease and although the cost has risen rapidly in the past the rate will be accelerated unless productivity can be increased.

In conclusion Alumax would not be a problem to area hospitals, it could well be the cure for present and future problems.



CHAMBER OF COMMERCE

Phone (503) 567-6151

P. O. Box 185 Hermiston, Oregon 97838

July 15, 1975

Dear Commissioners:

I am president of the Greater Hermiston Chamber of Commerce who represents merchants, industry, agriculture interests in the west end of Umatilla County. I wish to submit the following statement to you on behalf of the Board of Directors and the general membership of the Chamber of Commerce.

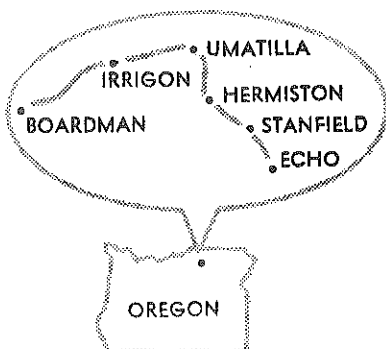
We in the Hermiston area are delighted Alumax Pacific Corporation choose the Port of Umatilla for the location of a primary reduction plant. The development of this plant would strengthen the economic base and give us the diversification in our industry and employment needs and offer an economic balance without destroying the quality of life that we enjoy. Their effort to locate here has been broadly supported by those interests that I have been chosen to represent. Alumax Pacific Corporation personal interest and personal effort to meet or exceed county, state, and federal regulations in regard to the environment and their personal interest in regard to local matters such as water, sewer, solid waste and housing further encourage us to believe they would be a very welcome neighbor. As a responsible corporate citizen we feel Alumax Pacific Corporation location here would be part of the solution rather than part of the problem.

This position of The Greater Hermiston Chamber of Commerce is not ~~our~~ grapes approach but rather one of continued and increasing support for this industry. Our existing agriculture development and future agriculture development and our existing local industry all rely heavily on Aluminum products.

We feel this would be a model plant one in which we can be proud of and encourage you to find favorable on their request.

Sincerely,

Don Skeen, President



July 15, 1975

Enviromental Quality Commission
Department of Enviromental Quality
State of Oregon

Dear Commission Members:

As a lifetime resident of Hermiston, I am extremely interested in the further development and potential of this area.

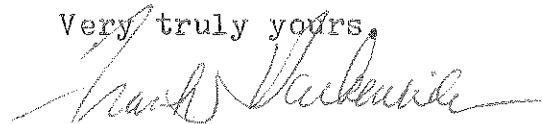
It has been my privelege to have been actively involved with many phases of the recreational opportunities over the past years. I am presently President of the Hermiston Baseball Commission and can readily attest to the extremely fine baseball program we have available for the enjoyment of all interested participants.

Hermiston alone provides facilities for tennis, bowling, roller skating, horse-shoe pitching and swimming in addition to the many varied sports offered through the schools. Animal projects and horse-back riding are available through 4-H groups as well as riding clubs. Hunting and fishing are available and there is an active gun club.

Our geographic location near the Columbia River provides unlimited boating and water skiing and ample beach area for swimming and picnicing. Winter sports are easily accessible both privately and through the school.

Hermiston exceeds the national requirements for parks and recreation land area per person and the proposed increase of population and further development will only serve to improve the many recreational facilities and oportunitues.

Very truly yours,



Frank J. Harkenrider
President
Hermiston Baseball Commission

FJH/bbh

July 15, 1975

Environmental Quality Commission


Chairman and Members:

My name is Wally Shurtliff. I own and operate Shelco Electric, Inc. I have been in the electrical contracting business in the Hermiston area for approximately 25 years.

As an electrical contractor in the community, I am very familiar with the capabilities of local housing builders. I can assure you that the local industry can adequately meet the housing requirements of the anticipated increased population.

Yours very truly,

SHELCO ELECTRIC, INC.



W. N. Shurtliff

WNS:mh

WILLIAM H. WRIGHT

MY NAME IS WM. H. WRIGHT AND I AM THE MANAGER OF THE UMATILLA BRANCH
OF INLAND EMPIRE BANK. I WOULD LIKE TO GO ON RECORD THAT I SUPPORT
THE GRANTING OF THE ALUMAX ENVIROMENTAL PERMITS ON THE BASIS THAT
THEY WOULD BE COMPATABLE INDUSTRY WITH THE COMMUNITY OF UMATILLA
AND THE SURROUNDING AREA.

A handwritten signature in black ink, appearing to read "William H. Wright". The signature is written in a cursive style with a large, stylized initial "W".



CHAMBER OF COMMERCE

Phone (503) 567-6151

P. O. Box 185 Hermiston, Oregon 97838

July 15, 1975

Dear Commissioners:

I am George Cook, of the L.W. Vail Co. of Hermiston, Oregon and Kennewick Washington.

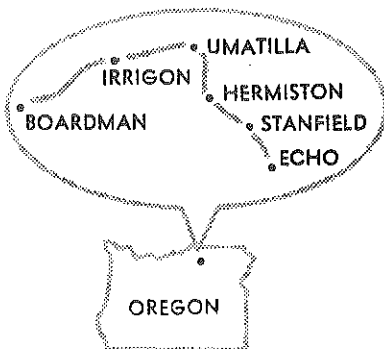
It is all just this simple: the produce of this plant is needed in this world of commerce. The Mid Columbia local is the ideal location without reservation.

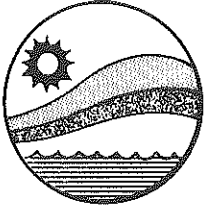
The people here and nearby need the jobs to feed their families and insure the economic future of their loved ones.

I say let's get on with it! ! !


George Cook
L. W. Vail Co.

George Cook P.O. Box 183 Hermiston, Oregon
1703 S. Vancouver, Kennewick, Washington.





McNary Management Corporation

July 15, 1975

Department of Environmental Quality
324 S.E. 6th
Pendleton, Oregon 97801

Gentlemen:

McNary Management Corporation is in full support of the proposed Alumax Aluminum Plant to be located in Northwest Umatilla County.

The function of our projects during this anticipated growth and expansion will be in the area of housing, light commercial development and office space at McNary Townsite in Umatilla. The total McNary project has a capacity of 1800 living units with a mixture of mobile home lots, single and multi-family sites, and condominium sites.

At present we have available 95 single family lots and 175 mobile home sites. In progress now and ready for construction within 120 days will be another 130 single family lots. Developed land for 250 multi-family units can be made available when needed. This total of 650 living units can be utilized by new families.

In addition to using local builders, we are prepared to bring in other builders, if necessary, from the Pacific Northwest to keep current with any expansion program. If local sources of financing are unable to handle construction due to volume, we have other lenders that are prepared to invest in the local communities.

Our secondary interest is providing land or buildings for light commercial development and office space for the anticipated requirements for services.

We look forward to working with Alumax, municipalities, and other governmental bodies in creating a desirable living and working environment.

Sincerely,

Tommy L. Frazier
McNARY MANAGEMENT CORPORATION

TLF/vg

Oregon Rural Experiment
340 E. Hill
Astoria Oregon
97103

Environmental Quality Commission,
Dear Sirs,

My name is Nancy Packler, I am Area Manager
for Oregon Rural Experiment. Our office
represents eight counties. Unlike in Oregon
I am in favor of clean, healthy
their plant build in this area. I feel we have
a great need for more employment, it would have
a great impact on our underemployed as well as
our unemployed in this. As far as pollution is
concerned, I feel that clean has given us and
the community their pledge to make their water
the cleanest in the world. I also believe that
pledge to support our community as a whole
regarding safety over a local and in other
areas, that will be affected by the rapid
growth in this area.

Nancy Packler
Area Manager
Oregon Rural Experiment

Hermiston, Oregon
July 14, 1975

To the Environmental Quality Commission

Dear Sirs:

I have worked with the low-income, elderly and minority people in this area, as a Community Action coordinator, since 1967.

I have read everything I can find on the proposed Alumex Reduction Plant and I do not find anything to be alarmed about.

The Alumax Company has already proven that they are interested and want to help all of the communities in the area, by helping plan and offering financial help.

The jobs provided at the plant, plus the extra jobs that will be available to provide services for the growing area, will help many of our low-income people, as well as businesses, child care, and other services.

The majority of our Senior Citizens are on a fixed income and are really hurting, with the ever increasing cost of electricity, fuel, rent, food, clothing, and especially medical expenses, and Senior Citizens have more than their share of medical expenses.

The Alumax Company will make a broader tax base, which in turn would cut down on taxes, and my people need all the help they can get, just to exist.



Elmo Bloom, Coordinator
Hermiston Neighborhood Center

The Hermiston Herald

THE OFFICIAL NEWSPAPER OF THE CITY OF HERMISTON AND THE COUNTY OF UMATILLA

PUBLISHERS AND PRINTERS OF
THE HERMISTON HERALD AND
BUYER'S GUIDE . . . OFFERING
TOTAL SATURATION COVERAGE
OF THE ENTIRE TRADING AREA

158 MAIN STREET
HERMISTON, OREGON
PHONE (503) 567-6457

July 15, 1975

Gentleman;

My name is G.M. Reed, and I am the Publisher of the Hermiston Herald newspaper which is the official newspaper of the city of Hermiston and surrounding area.

It has been my observation as an individual property owner in the area as well as the Publisher of the paper, that the proposed Alumax plant would be readily accepted by an overwhelming majority of the people of this area.

I would urge you vote of acceptance on this proposed plant at the Port of Umatilla site.

Thank you.

Respectfully,



G.M. Reed

Publisher

I have lived in the area 3 to 4 miles Southeast of the proposed Alumax site for 57 years. I have been engaged in agriculture during my working years.

We feel this plant will definately benefit Eastern Oregon and are in favor of Alumax becoming a part of our community.

Signed

Donald DeMass

MY NAME IS STANLEY GASS I HAVE BEEN A BUILDER IN THE HERMISTON AREA FOR 6 YEARS. THERE HAS BEEN SOME CONCERN EVER SINCE ALUMAX WAS PROPOSED FOR THIS AREA, ABOUT WHERE THE INCOMING PEOPLE WOULD LIVE. WITH THE SIZE AND VARIETY OF PROJECTS THAT ARE BEING PROPOSED FOR THE AREA IT LOOKS TO ME LIKE WE ARE GOING TO BE WELL PREPARED FOR THIS TREMENDOUS GROWTH. I PERSONALLY AM WORKING ON TWO PROJECTS THAT I HOPE TO BE BUILDING BY THE END OF SUMMER. ONE BEING A 44 ACRE, 540 UNIT MULTIPLE FAMILY PLANNED UNIT DEVELOPMENT INSIDE THE HERMISTON CITY LIMITS. THE OTHER BEING A 200 LOT SINGLE FAMILY SUBDIVISION WITH HOMES OF ½ ACRE LOTS. I THINK ALL OF THE BUILDERS IN THIS AREA ARE GETTING READY TO MEET THE CHALLENGE.

The last two years I have served as chairman of a building committee for a new library facility. As I have become more knowledgeable of the city and county tax situation I realize this area needs a broader tax base to provide services. Alameda will offer this community the opportunity to provide the quality of living possible with low unemployment, a broad tax base and good salaries.

Seguid,
Margaret E Davis

July 15, 1975

Burnham's Department Store, Inc.

HERMISTON, OREGON 97838

July 15, 1975

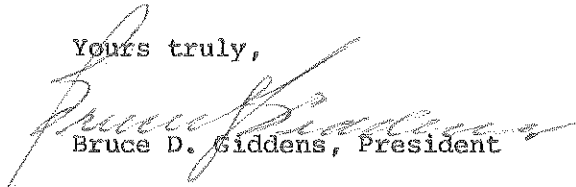
ENVIRONMENTAL CONTROL COMMISSION

Gentlemen:

My name is Bruce Giddens, President of Burnham's Dept. Store, Inc. and a resident of Hermiston, Oregon.

I would like at this time to request your approval of the permit of Alumax Corporation. It is this writers opinion that the approval of this Corporations' application is of the essence to the community and Umatilla County.

Yours truly,



Bruce D. Giddens, President

BURNHAM'S DEPARTMENT STORE, INC.

CITY OF ECHO

P. O. BOX 669
ECHO, OREGON 97826

PHONE 376-8211

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF OREGON

DEAR GENTLEMAN:

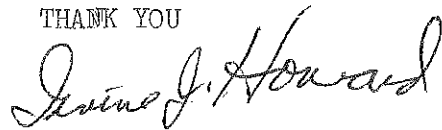
THE CITY OF ECHO HAS JUST PUT INTO OPERATION A NEW WELL AND ARE VERY NEAR THE COMPLETION DATE FOR OUR NEW SEWER SYSTEM.

WE FEEL WITH THE NEW WELL, AND THE COMPLETION OF THE SEWER SYSTEM, THE CITY OF ECHO IS PREPARED TO MEET THE CHALLENGE OF GROWTH IN THIS AREA.

PERMITTING ALUMAX TO COME INTO OUR AREA, WILL ALLOW US TO BETTER OUR COMMUNITY, AND PROVIDE STIMULUS FOR OUR PLANS.

I FEEL, AS THE MAYOR OF THE CITY OF ECHO, ALUMAX SHOULD BE ALLOWED THESE PERMITS.

THANK YOU



MAYOR, IRVINE J. HOWARD



INLAND EMPIRE BANK

DORIS SWAYZE BOUNDS
Chairman of the Board

FIRST AND MAIN, HERMISTON, OREGON 97838

WE HAVE REAL ADMIRATION FOR THE CARE AND CONSIDERATION ALUMAX HAS GIVEN TO ASSURE THEMSELVES AND THEIR NEIGHBORS HERE THAT THE QUALITY OF LIVING WILL BE PROTECTED IN THIS AREA -- THE COOPERATION AND IN-DEPTH TECHNICAL APPROACH TO THE PROBLEMS OF ECOLOGY, SERVICES, SCHOOLS, HOUSING AND GENERAL IMPACT HAS BEEN IN THE FINEST TRADITION.

WE AT THE INLAND EMPIRE BANK ARE CONFIDENT THEIR HIGH STANDARDS OF OPERATION AND COMMUNITY PARTICIPATION WILL CONTINUE.

WE WELCOME THE ALUMAX PLANT AND ITS EMPLOYEES!



7-14-75

Home Owned -- Independent

- Deposits Insured up to \$20,000 -

MEMBER OF FEDERAL DEPOSIT INSURANCE CORPORATION

hermiston
development
corporation 295 EAST MAIN STREET / HERMISTON, OREGON

July 15, 1975

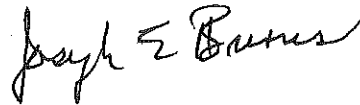
Environmental Quality Commission

Mr. Chairman, distinguished members of the commission, ladies and gentlemen:

My name is Joe Burns, and I represent the Hermiston Development Corporation, a non-profit group of 13 people dedicated to providing a sound, basic economy in our area. Our goal is providing employment, jobs and seeking a diversified economy that enhances our livability. We seek only those companies that have proven management ability and success and those companies that are financially sound. Jobs are so important nationally, statewide and locally. Our diligent research has convinced us that ALUMAX is a positive step forward and a very desirous addition to our area. The unusually large capital investment infuses our tax base with an excess of three hundred million dollars. This will help all taxpayers in Umatilla County. We respectfully request you vote favorably for this permit application by the ALUMAX Company.

Joseph E. Burns

President





ROYAL Development & Management, Inc.

July 15, 1975

Chairman and Members
Environmental Quality Commission

My name is Jim Vickery my office is at 240 E. Gladys, here in Hermiston and I want to address my remarks to the additional need for housing in this area, that the coming of Alumax will create. How we as developers intend to satisfy that need and some of the ways we intend doing this with as little disruption in the operation of City Government and our way of life as possible.

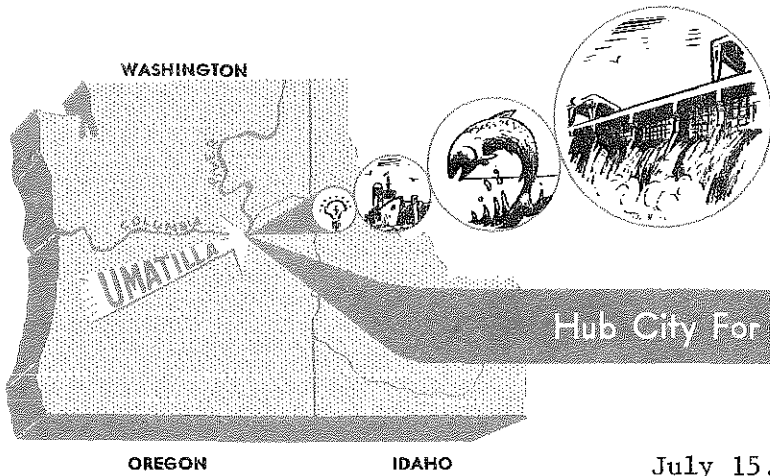
- 1st..The need for additional housing is and was here, whether Alumax moves to this area or not.
- 2nd..We have 72 lots ready for home construction now, with sewers, water, curbs, streets, and all utilities. We have completed this Subdivision in a 6 month period.
- 3rd..We have aquired land in Hermiston and Stanfield for an additional 135 homes and 250 apartment units, which we are planning and engineering at this time.
- 4th..We are not so concerned with the number of units that can be ready for this increase in population but are more interested in orderly growth and the unique living environment this area offers to all those that wish to take advantage of it. I'm sure that this is one of the reason's that Alumax decided to move to this area, and we are sure that they will make us a good neighbor.

Sincerely,

A handwritten signature in cursive script that reads 'Jim M. Vickery'.

Jim M. Vickery, President
Royal Development & Management, Inc.

JMV/sw



City of Umatilla

Hub City For The Columbia River Basin And Pacific Coast

Telephone 922-3444
P. O. Box 130
UMATILLA, OREGON
97882

July 15, 1975

TO: Chairman, Environmental Quality Commission

As the Chairman of the Umatilla Planning Commission for the City of Umatilla, I would like to go on record that the Planning Commission of the City is supporting the approval of the air discharge permit for the Alumax Corporation.

Lon C. Reed
~~DAVID HULL~~
vice Chairman
Umatilla Planning Commission

Lon C. Reed

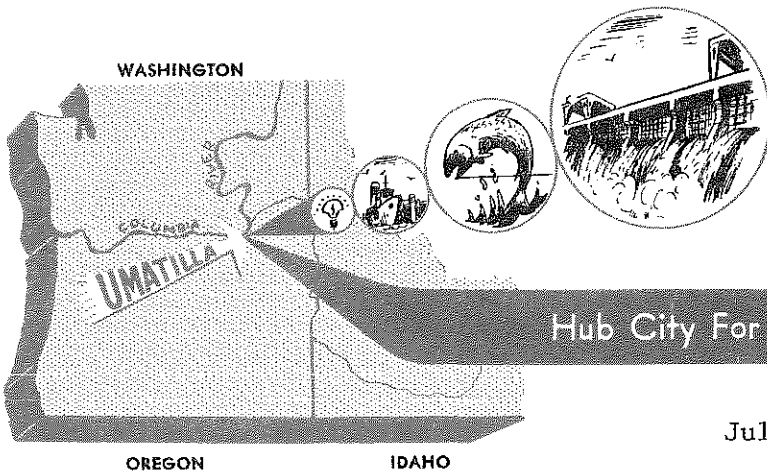
JESS FOSTER

I AM JESS FOSTER AND RESIDE AT 860 S. W. 10th STREET IN HERMISTON. I AM THE PRESIDENT OF THE PORT OF UMATILLA, HAVING SERVED ON THE COMMISSION SINCE 1972.

DURING THIS PERIOD OF TIME WE HAVE CONSIDERED MANY POTENTIAL INDUSTRIES WHICH HAVE WANTED TO LOCATE IN OUR PORT DISTRICT. THE PRIME CONSIDERATIONS OF THE COMMISSION HAVE CONSISTANTLY BEEN, TO LOCATE ONLY THOSE INDUSTRIES WHICH WE FEEL WOULD BE GOOD INDUSTRIAL NEIGHBORS WITH THE VERY HIGHEST STANDARDS.

IN ALUMAX, WE ARE MAINTAINING THIS CONSISTANCY. WE FIND THE REPRESENTATIVES OF THIS COMPANY TO BE HIGH QUALITY PEOPLE WHO ARE CONCERNED. THEIR INTENT IS TO BUILD THE CLEANEST ALUMINUM PLANT IN THE WORLD.

I URGE YOUR APPROVAL OF THE ALUMAX APPLICATION AND THAT THE PERMITS BE GRANTED.



City of Umatilla

Hub City For The Columbia River Basin And Pacific Coast

Telephone 922-3444
P. O. Box 130
UMATILLA, OREGON
97882

July 15, 1975

TO: Chairman, Environmental Quality Commission

I am Mayor A. L. (Bud) Draper, representing the City of Umatilla. I am here tonight to assure the Commission that the City of Umatilla is ready to accept the challenge to serve the influx of people from the Alumax plant.


If this Commission finds negatively on granting this permit for this plant, it could be located across the river from Umatilla. This would result in the same influx of people on our city services and in our school district, with no tax benefit to Umatilla County.

SEWER - In 1973, we completed a project to update our sewer system, which will handle the first influx of people from the Alumax plant. We have an inter-tie with McNary Townsite and the Port of Umatilla planned, on which construction will start as soon as Federal grant moneys are made available.

WATER - Our water system needs more water and some updating. The City has contracted with CH2M Hill to update the water system to serve the present needs of the City.

HOUSING - We have developers building in the area, which will provide homes and apartments for these needs. We have land which has been requested to be annexed which will provide additional area for housing. We presently have 426 residential lots available for building within the city limits, with an additional 205 lots and 60 apartments proposed. There are also several apartments presently available for rent, with a number of houses available for sale.

When the plant was asked to locate in this area, the City of Umatilla put out petitions to get the feeling of the people and there were 531 in favor of the plant locating here and 33 against. On this result the City of Umatilla asks your Commission to act favorably on this permit.


A. L. Draper, Mayor
City of Umatilla

THE CITY OF PENDLETON

P. O. BOX 190
PENDLETON, OREGON 97801

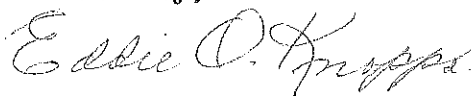
July 14, 1975

TO WHOM IT MAY CONCERN:

At its meeting on January 21, 1975, the Pendleton City Council adopted Resolution No. 901, pledging its support and cooperation to the Port of Umatilla in its negotiations with AMAX to locate their aluminum plant at the Port of Umatilla industrial park.

The City of Pendleton continues to support and endorse the location of Alumax (previously AMAX) on Port of Umatilla property.

Sincerely,



Eddie O. Knopp
Mayor



city

of

hermiston

295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

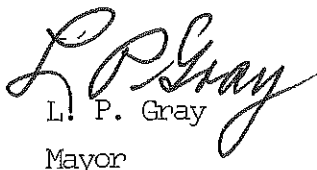
Environmental Quality Commission

Chairman and Members:

I am L. P. Gray, mayor of the City of Hermiston. On behalf of the over 90% of the citizens of this area who have indicated that they are in accord, I support the location of the ALUMAX plant at the proposed site at the Port of Umatilla. It is my considered judgment that it is an industry that has environmental controls that enable it to be a desirable neighbor.

The tax base it will provide to all of Umatilla County, thereby improving the potential for required services and at the same time permitting tax relief to home owners, will be a welcomed feature.

The wage base will serve to raise the standard of living in the surrounding area. The City of Hermiston has continually updated its water, sewer, housing and airport programs over the past years in anticipation of such an industrial development as ALUMAX. An early and affirmative decision from this commission will permit us to implement those plans in time to meet the needs and thus justify the planning effort involved.


L. P. Gray
Mayor

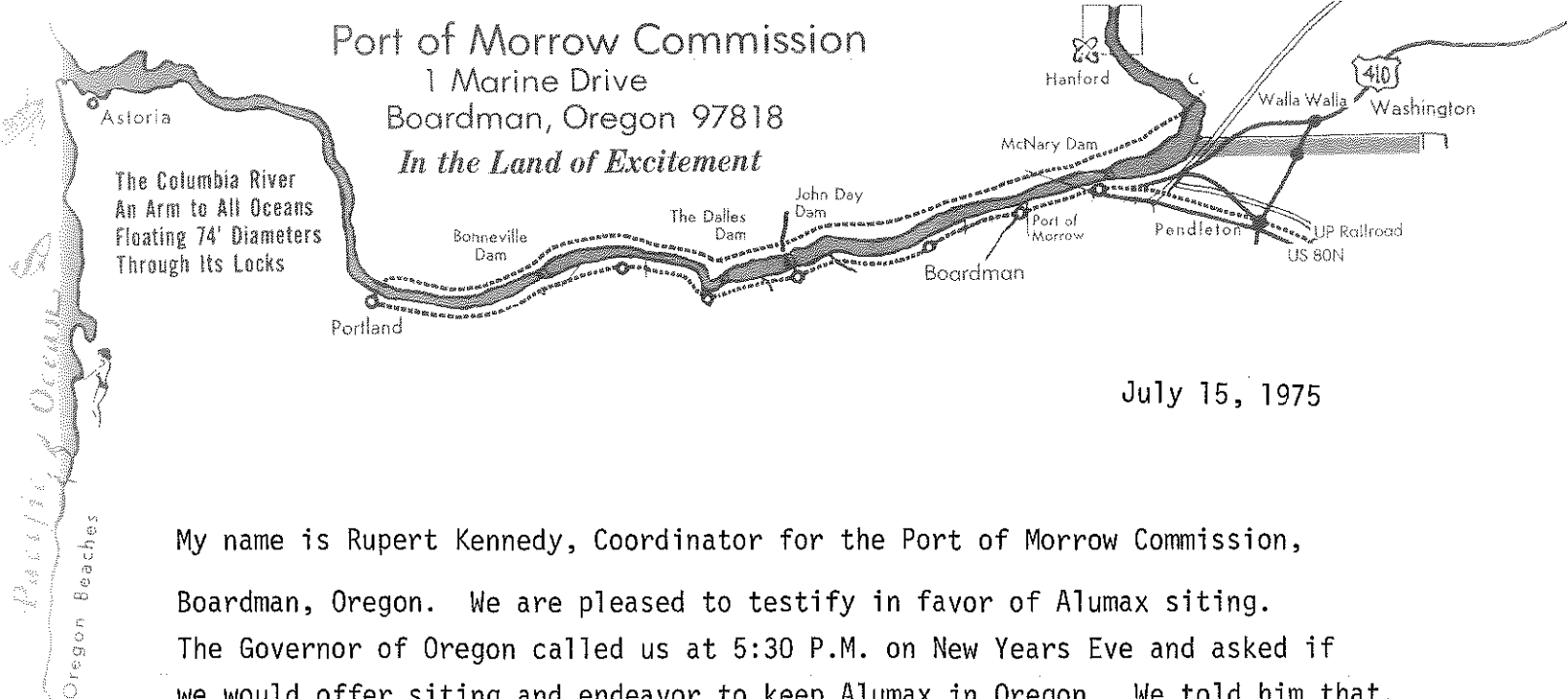
STATEMENT FROM THE HERMISTON SCHOOL DISTRICT

I am Dale Gaylord, Administrative Assistant to the Superintendent of the Hermiston School District, and I have been delegated as official representative of the District.

We would respectfully submit:

1. That the great property tax base of the proposed Alumax plant will be of major economic benefit to all of Umatilla County.
2. That the Hermiston School District is impressed and pleased with the willingness of the Alumax representatives to work closely with public agencies.
3. That there is a close cooperative tone among the various public agencies of western Umatilla County in general, and the cities and school districts in particular. We feel that this spirit of cooperation will provide a bridge toward solution of any specific impact or tax problems faced by individual entities.

7/14/75



July 15, 1975

My name is Rupert Kennedy, Coordinator for the Port of Morrow Commission, Boardman, Oregon. We are pleased to testify in favor of Alumax siting. The Governor of Oregon called us at 5:30 P.M. on New Years Eve and asked if we would offer siting and endeavor to keep Alumax in Oregon. We told him that, Commission willing, we would offer a site if Warrenton didn't perform.

It is a pleasure for us to see the exceptional manner in which the people of our area hosted the very capable Alumax Company.

The area is one of the economic hot spots of the nation with great Food and Energy projects. Our neighbors to the north of the Columbia have an equally expanding Food and Energy project.

The Port of Morrow Commission is ready to finance and construct power plants needed by the utilities, industry and creating jobs for our young people, who want a better livelihood than Food Stamps, Welfare and Unemployment checks. The population of the United States was 150,000,000 in 1950 and in 1975 it is 215,000,000. Lets get on with the jobs.

Alumax will develop over ¹⁰⁰⁰700 new jobs, running their plant 24 hours a day 365 days a year, with a good pay scale. The commercial development needed to serve the industry will create many opportunities. *In fact 1000 additional jobs*

city
of
hermiston

295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

Environmental Quality Commission

Chairman and Members:

I am Paul H. Kaminga, Hermiston City Council member. The City of Hermiston has experienced during the past several years an increase in population due to the expanding agricultural activities in this area. The construction of the Lamb-Weston potato processing plant employing 800 people was not a severe impact upon this city's service capabilities and apparently did not generate any state-wide attention. The plant site location for the ALUMAX plant has generated state-wide attention far beyond normal for other industries. We here in the Hermiston area have adequately handled past population increases and can handle this one. Therefore, we urge the commission to approve this permit.



Paul H. Kaminga
Councilman

city

of

hermiston

295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

Environmental Quality Commission

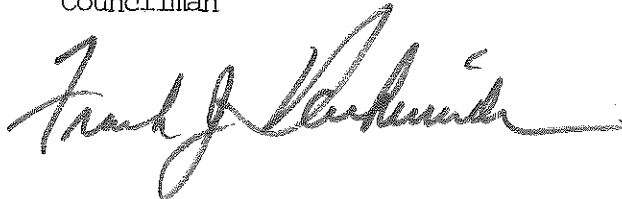
Chairman and Members:

My name is Frank J. Harkenrider, a member of the Hermiston City Council. One of the continuing efforts of our community has been to diversify the economy of the area and to create additional employment for our youth. Past studies have indicated that the population percentage is quite low in comparison to the state-wide average for those people between the ages of 18 and 25. With further expansion and diversification, this deficiency in employment opportunities may be overcome and the ALUMAX plant location in our area will be of a major benefit.

I, therefore, as a member of the Hermiston City Council, encourage the issuance of this permit so that the local youth in our area will have opportunities which will permit them to remain in their hometown.

Frank J. Harkenrider

Councilman

A handwritten signature in cursive script, appearing to read "Frank J. Harkenrider", written in dark ink.

city

of

hermiston

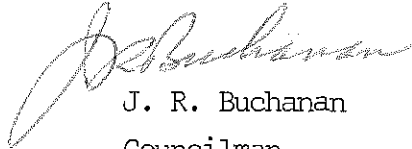
295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

Environmental Quality Commission

Chairman and Members:

My name is J. R. Buchanan, a member of the Hermiston City Council. We on the council have already begun to plan for the impact of the ALUMAX plant on our city. We have met the requirements of a rapidly expanding population in the past and with advance notice and planning can do even a better job now.



J. R. Buchanan
Councilman

city
of
hermiston

295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

Environmental Quality Commission

Chairman and Members:

My name is William E. Neuffer, a member of the Hermiston City Council. The past history of the City of Hermiston concerning the various population increases due to the construction of the Umatilla Army Depot in the early 1940s, the construction of McNary Dam and the construction of the Union Pacific Railroad Yards have permitted experience that most cities have not encountered. As a result of these past population increases, the City has spent a great deal of money in the planning field so that proper land use development could occur in a relatively short period of time that would be beneficial to the over-all development of the city. Having modern subdivision, zoning and comprehensive plans completed in 1963, and continued upgrading and revision of these controlling land use ordinances, we feel this city is one of the few of our size in the state of Oregon that is well prepared for any sudden population influx that would result from the location of the ALUMAX plant in our area.

Therefore, the city council - with confidence - encourages the commission to grant permission for the ALUMAX Corporation to locate their plant in our area.


William E. Neuffer

Councilman

city

of

hermiston

295 EAST MAIN STREET / HERMISTON, OREGON / 97838

July 15, 1975

Environmental Quality Commission

Chairman and Members:

I am Lloyd D. Campbell. As a member of the Hermiston City Council I would like to assure you that we have already been working with other governmental units in the area to be sure that the ALUMAX plant will be a positive impact on our region. I am confident that through continued intergovernmental cooperation we will be able to meet the challenge.



Lloyd D. Campbell

Councilman

What I believe and have to say goes beyond, but does include, an aluminum reduction plant in Western Umatilla County. The overriding issues are the viability of free enterprise and free choice within the law.

Our way of life, our relative freedom from want, and, in fact, our personal freedom are founded and sustained on an economic and social system of private capital investment and reasonable freedom of choice as to the object, time and place of that investment. As a society we have increasingly constrained that freedom of choice by laws and regulations ~~and regulations~~ at all levels of government and by vocal displays of philosophical dissent. In particular, of late, we have, through attitude and law, severely altered the relative values of economic productivity and the condition of the environment in which we exist. Yet, we cannot realistically achieve our environmental goals without the financial resources available only through economic productivity.

When an enterprise persists in the face of and in full compliance with those external, socio-political constraints to exercise freedom of choice in capital investment, they should be permitted to make that choice. Having complied with the statutory and regulatory demands of society, such an enterprise should not be thwarted by those who do not share the economic risk.

It would appear that Alumax Pacific has conscientiously sought to obey all relevant laws and regulations. Their end product is legal and beneficial. Therefore, I believe that personal opinions as to the desirability of a specific, legitimate enterprise are irrelevant. In that context, which I believe transcends all others, it is my firm belief and recommendation that Alumax Pacific should be permitted to invest their capital and talent to create the industrial plant which they propose.

OCCUPATION: REALTOR.
Also President of the
Umatilla County Board of
REALTORS but not here to
present a mandate (to me) of that
Board. However, we did as a group
and in writing, support the zoning actions
favorable to Alumax.

Charles R. Norris
P.O. Box 121, 725 E. Highland Ave
Hermiston, OR 97838

July 15, 1975

Environmental Quality Commission
Department of Environmental Quality
State of Oregon

Dear Commission Members:

I, Charles Kik, as Vice President of Sanitary Disposal, Inc. would like to submit the following information with reference to the proposed impact the Alumax Plant will have on our company who presently serve this area for the collection and disposal of solid waste.

The amount of solid waste created by the inflated population during construction, the solid waste of the actual plant operation and the waste created by permanent employees and additional population which will be generated by Alumax and other new businesses and industries will present no problem for our facilities for at least ten (10) years. We have ample space in our present landfill, adequate equipment to collect and dispose of solid waste and the personnel to handle the collection and disposal of solid waste for our franchised area.

We are aware of the future development and growth of this area and are willing and able to meet this challenge.

Very truly yours,



Charles Kik
Vice President
Sanitary Disposal, Inc.

Ck/bbh

July 15, 1975

TO: Alumax Hearing

The City of Hermiston Planning Commission supports the Alumax development at the Port of Umatilla site. The location of the plant at this proposed site utilizes land that has very little utility value for other than industrial use. Important considerations for a development of an industrial site of this type is the probable emissions of smoke, dust, noise, noxious odors and refuse water. The careful engineering and controls developed for these industrial related problems by Alumax will provide for a premium industrial development. All factors considered the City of Hermiston Planning Commission feels this development makes for excellent land use and compliments the comprehensive land use planning with the City of Hermiston.

Respectfully submitted,



Bernard W. Carper, Chairman
Planning Commission, City of Hermiston

CITY OF STANFIELD

POLICE CHIEF
PHONE 449-3245
Emergency 911

STANFIELD, OREGON
97875
CITY HALL
PHONE 449-3522

FIRE DEPARTMENT
PHONE 449-3231
Emergency 911

July 16, 1975

State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY
RECEIVED
JUL 21 1975

Environmental Quality Commission
1234 S.W. Morrison Street
Portland, Oregon 97205

OFFICE OF THE DIRECTOR

Re: Proposed Alumax plant.

Dear Mr. Chairman and Members of the Commission:

The City of Stanfield wants to go on record in support of the proposed Alumax plant to be located on a 3,000 acre plot of land four miles east of Umatilla, Oregon.

On March 3rd 1975 a letter was signed by the Stanfield City Mayor and Councilmen witnessed by the City Recorder sent to David Mayers welcoming the Alumax plant to Umatilla, then on March 11, Mr. Mayers sent a letter to the Stanfield City Hall thanking the City and relating that they had retained the consultant firm (CH2M) to make a study showing the impact that their proposed plant would have on the area.

Since that time housing development has been started in the City at this writing we have a 24 unit apartment house complex nearing completion located within easy walking distance from the business sector of the town.

The City has had several inquiries since March as to the availability of land and to possible housing sites.


In April the City remitted petitions signed by Stanfield residents in support of the Alumax plant, these petitions were signed by approximately 300 persons.

In May the City rezoned 66.27 acres of former A1 Agricultural, to C1 Commercial R 3 Residential including Multiple Family Dwellings, also included in this rezoning was 23.52 acres of Residential R 2 approximately 18 acres will eventually be a trailer court, with housing for at least 30 units.

At the meeting in Hermiston last evening July 15, 1975 at the Armand Larvive Junior High two representatives from the City were present and listened to testimonies in support of the proposed Alumax plant, these were the President of the Council and the City Recorder. The City wants to thank you and other members of your commission for your co-operation and your approval of the needed Discharge permit.

We are in support of this proposed plant, and feel that we will be ready to offer housing to incoming personnel of this plant.

Thank You Sincerely


Charles E. Huxoll Mayor of Stanfield

I, George Larsen, President of the Hermiston Jaycees, am here tonight to inform the Environmental Quality Commission that the Hermiston Jaycees give full support to the Alumax plant, as long as it passes all of the required environmental questions.

We believe that properly planned industry will benefit everyone in Umatilla County. The Hermiston Jaycees will be the first to try to stop industry from changing the environment around us. But we feel Alumax is doing everything humanly possible to protect our environment. Let's move forward for ourselves and our children.



KESS CANNON
Director

To → Pete: Ask Jim Van Domelem for his help
Thank you!
I don't know how
much Harold's
has with
DMS systems
7 miles?
said even
ready by
Harold's
systems
needed
P.W.

Kess



State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

To: Kess

From: McSwain

Subject: PA at July 15, EQC Hearing - Alumax

Date: May 16

Mr. Ken Smith of Umatilla County Planning Commission per telephone call on May 16 informs as follows:

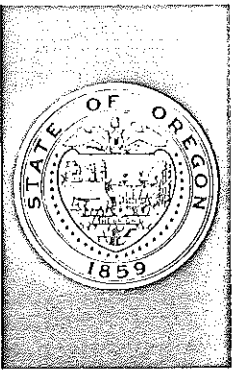
He has two speakers, a mixer, and four microphones which, along with jacks borrowed from IED, were used successfully in Hermiston Jr. High Auditorium. Mixer allows for direct taping by Sony Equipment with special adaptor. The adaptor, mikes, speakers, and mixer will be available for pickup in the Umatilla County Courthouse on the day of the hearing.

Mr. Pete Watson of the Umatilla County Planning Commission set up the previous hearing and would presumably be happy to talk to James Van Domelen of our region office to explain any pitfalls.

We would expect to use the Hermiston Jr. High podium mike in addition to the four above. It would be desirable to discover if the podium mike plugs into the Planning Commission's mixer along with the other four mikes.

Perhaps Mr. Van Domelen could coordinate the arrangement and equipping of the room.

We can bring our portable PA with 2 mikes for backup and use our Sony recorder.



DEPARTMENT OF ENVIRONMENTAL QUALITY

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229-6210

May 16, 1975

ROBERT W. STRAUB
GOVERNOR

KESSLER R. CANNON
Director

Mr. Ken Smith
Umatilla County Planning Commission
Umatilla County Courthouse
Pendleton, Oregon 97801

Dear Sir:

This is to confirm our telephone arrangement of May 16 whereby you offered to make available to us your Public Address System together with attachments borrowed from the Intermediate Education Department as used in the Hermiston Junior High School Auditorium for a recent public hearing before your Commission.

We contemplate using the equipment on the evening of July 15 in the Hermiston Junior High facility. We plan to pick the equipment up in the early part of the day at the Umatilla County Courthouse.

Your time and trouble in helping us is greatly appreciated.

Sincerely,

KESSLER R. CANNON
Director

Peter W. McSwain
Hearings Officer

PWM:lg



Contains
Recycled
Materials



**DEPARTMENT OF
ENVIRONMENTAL QUALITY**

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229-6210

May 16, 1975

ROBERT W. STRAUB
GOVERNOR

KESSLER R. CANNON
Director

Mr. Al Meunier Principal,
Hermiston Junior High School
199 E. Ridgeway
Hermiston, Oregon 97838

Dear Mr. Meunier:

Re: EQC Public Hearing
July 15, 1975

This is to confirm our telephone arrangement whereby we have reserved your auditorium for the evening of July 15, to conduct a public hearing beginning at 7:00 p.m. before the Environmental Quality Commission.

We would like to use your podium and microphone in conjunction with other equipment we will supply. Our meeting calls for seating theater style facing six persons seated on stage or up front. A podium facing the Commissioners with public address is needed. An additional table or tables to place handout information, sign up sheets, etc. is desired.

We would like to know what arrangements are necessary to open up the building, turn on the lights, etc. Is there someone we can call when we arrive in town? Do we understand correctly there is no fee involved? Can we occupy the room from about 5:00 p.m. until quite late in the evening?

We appreciate very much the opportunity to use your facility and hope that you can further help us in the unsettled arrangements mentioned above.

Sincerely,

KESSLER R. CANNON
Director

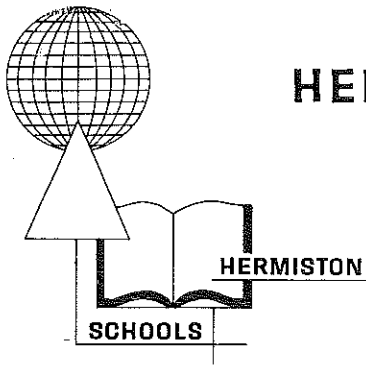
Peter W. McSwain
Hearing Officer

PWM:lg



Contains
Recycled
Materials

HERMISTON SCHOOL DISTRICT NO. 8R



ARMAND LARIVE JUNIOR HIGH SCHOOL
199 EAST RIDGEWAY AVENUE
HERMISTON, OREGON 97838
PHONE 567-6427

May 21, 1975

Mr. Peter McSwain
Department of Environmental Quality
1234 Morrison Street
Portland, Oregon 97205

Dear Mr. McSwain,

You are welcome to use our auditorium on the evening of July 15, 1975. We will be able to provide the items designated in your letter of May 16, 1975.

Since I will be out of town on that date you should contact Mr. Dale Gaylord in the district office, 567-5574, if you have last minute questions. We will have the building open for you at 5:00 p.m.

Sincerely yours,

A handwritten signature in cursive script that reads "Alfred H. Meunier".

Alfred H. Meunier, Principal

AHM:mg

cc: Mr. Dale Gaylord



State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

To: Peter

Date:

From: Linnea

Subject: Alumax Hearing

Al Meunier, Hermiston Jr. High principal, said the 15th of July will be okay. There is only a 1 speaker system there though so unless you get your own system, each person who wants to speak has to step up to the podium.

If you want another system, he suggested borrowing one from the Umatilla County Planning Commission, or renting one from Blue Mountain Communications in Hermiston.

He would like to know if it is decided not to use the system already there.

Maybe it would be best to draft a letter after this is decided.

567-6427



State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

To: EJW, PWM, HMP, JFK

Date: May 16, 1975

From: *J. Kess* Kess

Subject:

Dr. Crothers, Ron Somers, and Jackie Hallock all will be available for a July 15 hearing on the Alumax permit at Hermiston. Others of the EQC also may be available, but contacts have not been made.

When details -- place, time, etc. -- are firmed, let me know so the EQC can be informed. Thanks.

KRC:cm



State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

To: Linnea

Date:

From: Pete

Subject: Alumax Hearing

Could you:

1. Make up a file and put this in it
2. Go to John Kowalczyk's Office and get name and phone number of individual capable of granting reservation of Auditorium of Hermiston Jr. High in Hermiston Oregon.
3. Call him and make reservation for July 15 beginning at 6:00 PM into the evening. We will need theater seating for audience, podium for speakers to address the Commission, Commission Seating (about six people) up front to face the podium and audience, and Public Address for Commission and Podium.
4. Find out if there is a fee involved for either the hall or the custodial help.
5. Draft a confirming letter re: any reservation arrangements made.

DEQ-16

SP*13646-340



KESS CANNON
Director

Pete McSwain: For your appropriate action at appropriate time.

LAW OFFICES OF
KEANE, HAESSLER, HARPER, PEARLMAN AND COPELAND

GORDON H. KEANE
ERIC R. HAESSLER
DAVID W. HARPER
DONALD H. PEARLMAN
MARK G. COPELAND
ALAN L. SCHNEIDER
THOMAS M. LANDYE

3500 FIRST NATIONAL TOWER
PORTLAND, OREGON 97201

TELEPHONE 224-4100
AREA CODE 503

DIARMUID F. O'SCANNLAIN
MICHAEL J. ESLER
J. DAVID BENNETT
CHARLES A. GALFORD
ROBERT B. HOPKINS
ROBERT E. STOLLER
RICHARD L. SADLER

April 1, 1975

State of Oregon
DEPARTMENT OF ENVIRONMENTAL QUALITY

RECEIVED

APR 2 1975

OFFICE OF THE DIRECTOR

Mr. Kessler Cannon
Director
Department of Environmental Quality
1234 S.W. Morrison
Portland, Oregon 97205

RE: DEQ Mailing List

Dear Mr. Cannon:

Pursuant to ORS 183.335(3), we hereby request that we be placed on your mailing list for all notices of intended action with respect to the following matters:

1. Alumax Pacific Corporation application(s) for permits with respect to an aluminum reduction facility in or near Warrenton, Oregon, or in or near McNary, (or elsewhere within Umatilla County) Oregon; and
2. Designation of a portion of Clatsop County as a "special area" for pollution control purposes.

Notices should be sent to:

Mr. Donald H. Pearlman
Keane, Haessler, Harper, Pearlman & Copeland
3500 First National Tower
Portland, Oregon 97205

I would appreciate it if you would acknowledge this request and maintain my name on your mailing list for all notices of intended action with respect to the matters cited above, as well as all meetings of the Environmental Quality Commission.

Very truly yours,


Donald H. Pearlman

DHP: jm

June 17, 1975

Administrative Rules Division
Secretary of State's Office
Salem, Oregon 97310

Attn: Mrs. Ione Hanson

Gentlemen:

Attached is a copy of the Notice of Public Hearing for Issuance of an Air Contaminant Discharge Permit and Water Pollution Control Facilities Permit to Alumax Pacific Corporation.

Please file this Notice in the July 1, 1975 Secretary of State's news bulletin.

Cordially,

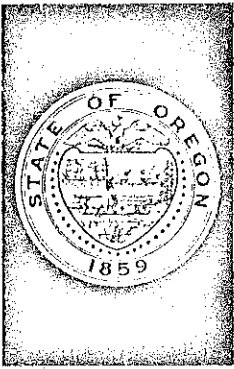
KESSLER R. CANNON
Director

Peter McSwain,
Hearings Officer

PWM:kok

Attachment

cc: Ray Underwood



DEPARTMENT OF
ENVIRONMENTAL QUALITY

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229- 5696

ROBERT W. STRAUB
GOVERNOR

KESSLER R. CANNON
Director

NOTICE OF PUBLIC HEARING
FOR ISSUANCE OF AN AIR CONTAMINANT DISCHARGE PERMIT
AND WATER POLLUTION CONTROL FACILITIES PERMIT
TO
ALUMAX PACIFIC CORPORATION

NOTICE IS HEREBY GIVEN that a Public Hearing will be held before the Environmental Quality Commission for the purposes of considering the issuance of an Air Contaminant Discharge Permit and Water Pollution Control Facilities Permit to:

Alumax Pacific Corporation
Umatilla Division
303 East Main Street
Hermiston, Oregon 97838

The Public Hearing will be held at the time and place listed below:

Auditorium
Armond Larive Junior High School
199 East Ridgeway Avenue
Hermiston, Oregon
Tuesday, July 15, 1975
at 7:30 p.m.

Any interested person desiring to submit written testimony concerning the proposed permits, the permit conditions or policy related to these matters may do so by forwarding them at any time prior to the Public Hearing to the Department of Environmental Quality, or may be heard orally at the Public Hearing on the date and at the time mentioned above.

Copies of the proposed permits are available upon request from the Department of Environmental Quality, 1234 S. W. Morrison Street, Portland, Oregon 97205, Attention: Air Quality Control Division

Dated June 12, 1975

KESSLER R. CANNON, DIRECTOR



CS
Contains
Recycled
Material

STATE OF OREGON

DEPARTMENT OF ENVIRONMENTAL QUALITY

In the matter of the Public Hearing
for Issuance of an Air Contaminant
Discharge Permit and Water Pollution
Control Facilities Permit to Alumax
Pacific Corporation.

AFFIDAVIT OF
MAILING NOTICE

I Kathy OKeefe, being first duly sworn, depose
and say that:

a) I am and at all times herein material have been an employee of the
Department of Environmental Quality of the State of Oregon;

b) attached hereto are copys of a notice of public hearing to be conducted
on July 15, 1975

in the matter of Alumax Pacific Corporation -- Issuance of an Air Contaminant
Discharge Permit and Water Pollution Control Facilities Permit.

and the names and addresses from certain mailing lists routinely maintained
by the Department of Environmental Quality;

c) On June 13, 1975, 19 , while in the routine
course of my employ, I placed or caused to be placed in the mails envelopes
containing copies of the afore-said notice and bearing the attached names
and addresses;

d) and that the postage on each envelope was fully paid.

Kathleen E. OKeefe
signature of affiant

Sworn and subscribed before me this 13 of June, 1975

Notary Public for _____

My Commission expires: _____

AMAX Pacific Aluminum Corp.
1600 SW 4th Ave., Suite 250
Portland, Oregon 97201
Attn: Ian R. MacDonald

AMAX Pacific Aluminum Corp.
James A Howarth, Vice Pres.
P.O. Box 220
Warrenton, Oregon 97146

Bruce H. Anderson, Esq.
777 High Street
Suite 355
Eugene, Oregon 97401

Jerry Anderson
8704 S.W. Terwilliger Blvd.
Portland, Oregon 97219

Mrs. Denny
Associated General Contractors
1008 N.E. Multnomah St.
Portland, Or. 97232

Associated Press
1302 S.W. Broadway
Portland, Oregon 97201

David M. Benforado
Environmental Legislation
3 M Company
P.O. Box 33331
St. Paul, Minnesota 55133

Cheryl Burkey
2521 S.W. 18th Avenue
Portland, Oregon 97201

Coalition for Clean Air in
Oregon/Washington
830 Medical Arts Building
Portland, Oregon 97205

Morris K. Crothers, M.D.
1517 Court Street N.E.
Salem, Oregon 97301

Daily Astorian
News Desk Editor
Astoria, Oregon 97103

Davies, Biggs, Strayer,
Stoel & Boley
900 S.W. Fifth Avenue
Portland, Oregon 97204

Daily Journal of Commerce
P.O. Box 10134
Portland, Oregon 97210

State Engineer
1178 Chemeketa Street N.E.
Salem, Oregon 97310

Engine Manufacturers Association
111 East Wacker Drive
Chicago, Illinois 60601
Attn: Thomas C. Young, Exec. Dir

Environmental Protection Agency
Enforcement Division
1200 6th Avenue
Seattle, WA 98101

DR: O.A. Essiet
2930 S.E. 184th Place
Gresham, Oregon 97303

John E. Evans
Box 661 L & C College
Portland, Oregon 97219

Office of the Governor
State Capitol
Salem, Oregon 97310

Mr. Lynn C. Greene
P.O. Box 521
St. Helens, Oregon 97051

Thomas Guilbert, Esq.
900 S.W. 5th Avenue
Suite 2300
Portland, Oregon, 97204

Mrs. Jacklyn L. Hallock
2445 N.W. Irving Street
Portland, Oregon 97210

HUGHES & Associates, INC.
1590 Woodland Terrace
Lake Oswego, Oregon 97034

Department of Human Resources
Health Division
1400 S.W. Fifth Ave
Portland, Oregon 97201

Industrial Forestry Association
1220 SW Columbia St.
Portland, Oregon 97201
Attn: Harold Hartman

Dale Hermann
621 S.W. Alder Street
Room 807
Portland, Oregon 97205

Paul A. DeBonny, Director
Dept. of Planning & Development
Jackson County
32 West 6th Street
Medford, Oregon 97501

J.C. Penney Company, Inc.
Mary A. Dahl, Legal Dept.
333 So. Hope St., Suite 4730
Los Angeles, Ca 90017

Mr. Frank Josselson
Attorney at Law
900 S.W. 5th, Suite 2300
Portland, Oregon 97204

Howard Kalkstein
113 Johnson Street
Highland Park, N.J. 08904

Radio Station KEDO
Steve Nicholl
P.O. Box 779
Longview, Washington 98632

Lane Regional Air Pollution
Authority
16 Oakway Mall
Eugene, Oregon 97401

League of Women Voters of
Klamath County
1824 Tiffany
Klamath Falls, Oregon 97601
Attn: Zon Gerbert

League of Women Voters of Oregon
Suite 212
495 State Street
Salem, Oregon 97301

Mail Tribune
33 North fir
Medford, Oregon 97501

Jean Maley
10 N.E. 127th Avenue
Portland, Oregon 97230

Maritime Administration
Rm. 1894 Federal Building
915 Second Ave.
Seattle, Washington 98174
Attn: Ms. Sheirbon

Mr. B.A. McPhillips
P.O. Box 571
McMinnville, Oregon 97128

John Meeker
03 SW Brugger St.
Portland, Oregon 97219

K-Rda, Inc
P.O. Box 20476
Portland, Oregon 97220
Attn: D.L. Stevens

Rhidian Morgan, Esq.
2546 S.W. Arden Road
Portland, Oregon 97201

University of North Carolina
Dept. of Political Science
Chapel Hill, N.C. 27514
Attn: Professor Thad Beyle

Northwest Environmental Defense
Center
c/o Northwestern Law School
10015 SW Terwilliger Blvd.
Portland, Oregon 97219

Northwest Natural Gas Company
123 NW Flanders
Portland, Oregon 97209
Attn: Dwayne Foley

Oregon Environmental Council
2637 SW Water St.
Portland, Oregon 97201

The Oregonian
1320 S.W. Broadway
Portland, Oregon 97201

The Oregon Journal
1320 S.W. Broadway
Portland, Oregon 97201

Oregon State University
Air Resources Center
Corvallis, Oregon 97331
Attn: R.M. Alexander, Director

Oregon State University
Dept. of Political Science
Corvallis, Oregon 97331
Attn: D. Jay Doubleday

Water Resources Research Inst.
Covell Hall 115
Oregon State University
Corvallis, Oregon 97331

OSPIRG
408 S.W. Second Avenue
Portland, Oregon 97214

Grace S. Phinney, Ph.D.
1107 N.W. 36th Street
Corvallis, Oregon 97330

Pihas Schmidt Westerdahl Co.
Suite 430, Pacific Bldg.
520 S.W. Yamhill
Portland, Oregon 97204
Attn: Walter Hitchcock

Port of Portland
Box 3529
Portland, Oregon 97208
Attn: Walter Hitchcock

Office of the Mayor
1220 SW Fifth
Portland, Oregon 97205
Attn: Alan Webber

City of Portland
424 S.W. Main Street
Portland, Oregon 97204
Attn: Donald F. Mazziotti

PSU-OSPIRG
Smith Memorial Center, Rm 333
Portland State University
Portland, Oregon 97201

Honorable E.D. Potts
Oregon State Senator
12 State Capitol Bldg.
Salem, Oregon 97310

Reynolds Aluminum
1800 SW First Ave.
Portland, Oregon 97201
Attn: Joseph Moffatt

Susan Scharr
13275 N.E. Thompson Court
Portland, Oregon 97230

Steve Schell
Black, Helterline, Beck &
Rappleyea
Bank of California Tower
Portland, Oregon 97205

Sierra Club
2637 SW Water Street
Portland, Oregon 97201
Attn: Price Zimmerman

Sierra Club, Pacific NW Chapter
2738 Baker Blvd.
Eugene, Oregon 97401

Ronald M. Somers, Esq.
106 East 4th Street
The Dalles, Oregon 97058

Southwest Air Pollution Authority
7601 N.E. Hazel Dell
Vancouver, Washington 98665

E. R. Thompson
7040 N. Seward Ave.
Portland, Oregon 97217

United Press-International
1320 S.W. Broadway
Portland, Oregon 97201

Universing Center
304 Warner-Milne
Oregon City, Oregon 97405

U.S. Public Health Service
P.O. Box 25287
Denver, Colorado
Attn: Michael E. Jensen

Izaak Walton League of America
124 Pacific Building
Roseburg, Oregon 97470

Carolyn Langley
Roy F. Weston, Inc.
Weston Way
Westchester, PA 19380

Weyerhaeuser Corporation
P.O. Box 275
Springfield, Oregon 97477
Attn: Jerry Harper

Lawrence E. Wilkinson
6582 Ganon Street S.E.
Salem, Oregon 97301

Stan Wiley Realtors
200 Market Building
200 Market St.
Portland, Oregon 97201
Attn: Pat Neiger, Closing Dept.

Dan Wilson
960 Mill St. S.E.
Salem, Oregon 97301

The World
350 Stadden
Coos Bay, Oregon 97420
Attn: Grace Thill

Air List

Ben Allen Director,
Dept. of Agriculture
Agriculture Building,
Room 103
635 Capitol N.E.
Salem, Oregon 97310

Air Pollution Equip. Co.
6234 S. E. Carlton
Portland, Oregon 97206

Dr. R. M. Wade
Albany Clinic
1050 W. Seventh Ave.
Albany, Oregon 97231

Albany Democrat Herald
City Desk
P.O. Box 130
Albany, Oregon 97231

City Recorder
City of Albany
City Hall
Albany, Oregon 97231

American Can Company #512
P.O. Box 215
Halsey, Oregon 97348
Attn: Manager, Western Woodlands

Bill Hamilton
Amfac Mortgage Corp.
Lloyd Building, Suite 250
700 N.E. Multnomah
Portland, Oregon 97232

Mike Huddleston
Asphalt Paving Association
P.O. Box 228
Salem, Oregon 97308

Associated General Contractors of
America
1008 N.E. Multnomah St.
Portland, Oregon 97232
Jack R. Kalinoski
Public Affairs Manager

Tom Donaca
Associated Oregon Industries
2187 S.W. Main Street
Portland, Oregon 97205

Port of Astoria
P.O. Box 569
Astoria, Oregon 97103

City Recorder
City of Astoria
City Hall
Astoria, Oregon 97103

Atlantic Richfield Company
Products Division
Box 2679 - T.A.
Los Angeles, CA 90051
Attn: W.F. Fisher, Manager

City Recorder
City of Baker
Baker, Oregon 97814

County Clerk
Baker County Courthouse
Baker, Oregon 97814

Baker County Planning Com.
Baker County Courthouse
Baker, Oregon 97814

Port of Bay City
Box 228
Garibaldi, Oregon 97118

Michaels J. Downs
Director, Air Quality Services
Beak Consultants Inc.
1336 S.W. 2nd Avenue
Portland, Oregon 97201

City of Beaverton
City Recorder
City Hall
Beaverton, Oregon 97005

Bend Bulletin
News Desk
Bend, Oregon 97701

City Recorder
City of Bend
City Hall
Bend, Oregon 97701

Jeanette Simerville, Comm.
Board of County Commissioner
Benton County Courthouse
Corvallis, Oregon 97330

Benton county Health Dept.
126 N.W. Fifth
Corvallis, Oregon 97330
Attn: Roger Heyden, Super-
vising Sanitarian

Blue Mountain Council of Gov
Union County Courthouse
LaGrande, Oregon 97850

The Blue Mountain Eagle
120 N.W. First Avenue
John Day, Oregon 97845

City Recorder
Brookings City Hall
Brookings, Oregon 97415

Brookings-Harbor Pilot
507 Chetco Avenue
Brookings, Oregon 97415

Delbert Johnson
Burlington Northern
American Bank Building
Portland, Oregon 97204

Environmental Control Manage
Burlington Northern, Inc
176 East Fifth Street
St. Paul Minnesota 55101

City Recorder
City of Burns
Burns, Oregon 97720

Bob Pailthorp
CH2M-Hill
1600 Western Bv.
Corvallis, Oregon 97330

CH2M-Hill
P.O. Box 428
Corvallis, Oregon 97330
Attn: Richard S. Reid

Central Oregon Intergovernmental Council
Intergovernmental Council
1106 W. Highland Ave.
Redmond, Oregon 97756
Attn: Russell Reeck

Coalition for Clean Air
1020 S.W. Taylor St.
Portland, Oregon 97205

County Clerk
Coos County Courthouse
Coquille, Oregon 97423

Coos County Health Dept.
Coos County Courthouse
Coquille, Oregon 97423

County Clerk
Clackamas County Courthouse
Oregon City, Oregon 97045

County Clerk
Columbia County Courthouse
St. Helens, Oregon 97051

Coos County Planning Dept.
Coos County Courthouse
Coquille, Oregon 97423

Citizens for Clean Environment
P.O. Box 255
Corvallis, Oregon 97330

Columbia County Health Dept.
Environmental Sanitation Div.
Rm. 112, County Courthouse
St. Helens, Oregon 97051

Coos-Curry Council of
Governments
P.O. Box 434
Coos Bay, Oregon 97420

Clackamas County Health Dept.
Environmental Health Section
1425 S. Kaen Road
Oregon City, Oregon 97045

Columbia County Organization
of Governments
County Courthouse, Rm. 308
St. Helens, Oregon 97051

Coos Head Timber Co.
Pulp Division
Empire, Oregon 97420

Clatsop County Health Dept.
857 Commercial
Astoria, Oregon 97103

Columbia County Planning Dept.
Columbia County Courthouse
St. Helens, Oregon 97051

Eric Silverstein
Corbett-Terwilliger
Neighborhood Association
3627 S.W. Kelly Avenue
Portland, Oregon 97201

Clackamas County Planning Dept.
940 Warner Milne Road
Oregon City, Oregon 97045

Columbia Region Association of
Governments
527 S.W. Hall
Portland, Oregon 97204
Attn: Tom Vanderzanden

City Recorder
City of Corvallis
City Hall
Corvallis, Oregon 97330

Winston Kurth
Clackamas County Public Works
902 Abernathy Road
Oregon City, Oregon 97045

Columbia River Gorge Comm.
920 N.E. Seventh Ave.
Portland, Oregon 97232

The Courier
Box 268
Reedsport, Oregon 97467

County Clerk
Clatsop County Courthouse
Astoria, Oregon 97103

Condon Globe Times
Box 746
Condon, Oregon 97823

County Clerk
Crook County Courthouse
Prineville, Oregon 97754

Clatsop County Planning Comm.
Clatsop County Courthouse
Astoria, Oregon 97103

City Recorder
Coos Bay City Hall
Coos Bay, Oregon 97420

Crook County Extension Agent
Crook County Courthouse
Prineville, Oregon 97754

Clatsop Environmental Council
Box 504
Astoria, Oregon 97103

Port of Coos Bay
P.O. Box 787
Coos Bay, Oregon 97420

Clatsop-Tillamook Inter-
governmental Council
P.O. Box 488
Cannon Beach, Oregon 97110

Coos Bay World
South Fourth
Coos Bay, Oregon 97420

Crook County Health Dept.
Crook County Courthouse
Prineville, Oregon 97754

Deschutes County Planning Dept.
Deschutes County Courthouse
Bend, Oregon 97701

Library, Region X M/S 541
Environmental Protection
Agency
1200 6th Avenue
Seattle, Washington 98101

Environmental Services Director
Crown Zellerbach Corporation
904 N.W. Drake Street
Camac, Washington 98607

George A. Dewey
George A. Dewey and Associates
180 Commercial St. NE
Salem, Oregon 97301

Richard F. White
Region X EPA
1200 6th Avenue
Seattle, WA 98101

County Clerk
Curry County Courthouse
Gold Beach, Oregon 97444

County Clerk
Douglas County Courthouse
Roseburg, Oregon 97470

Ed Coate
EPA Region X
1200 Sixth Avenue
Seattle, WA 98101

Curry County Extension Agent
P.O. Box 488
Gold Beach, Oregon 97444

Douglas County Health Dept.
Douglas County Courthouse Annex 2
205 S.E. Jackson
Roseburg, Oregon 97470

Ms. Norma Jean Germond
State Env. Qual. Comm.
The League of Women Voters
224 Iron Mountain Bv.
Lake Oswego, Oregon 9703

Curry County Health Dept.
P.O. Box 1277
Gold Beach, Oregon 97444

Douglas County Planning Dept.
Douglas County Courthouse
Roseburg, Oregon 97470

Curry County Planning Dept.
County Courthouse
Gold, Beach, Oregon 97444

Douglas County Water Resources
Survey
Douglas County Courthouse
Roseburg, Oregon 97470

Environmental Sciences Lib
Union Oil Co. of California
P.O. Box 7600
Los Angeles, CA 90051

Curry County Reporter
Box 766
Gold Beach, Oregon 97444

Ronald R. Hall, Executive Director
East Central Oregon Association
of Counties
116 S. Main Room 15
Pendleton, Oregon 97801

Assistant City Manager
Eugene City Manager Office
P.O. Box 1967
Eugene, Oregon 97401

City Recorder
Dallas City Hall
Dallas, Oregon 97338

East Oregonian
211 S.E. Byers Avenue
Pendleton, Oregon 97801

Eugene REGISTER Guard
News Desk
975 High
Eugene, Oregon 97401

Democrat-Herald
Baker, Oregon 97814

County Clerk
Deschutes County Court
Deschutes County Courthouse
Bend, Oregon 97701

El Paso Natural Gas. Co
Environmental Affairs
P.O. Box 1492
El Paso, Texas 79978
Attn: Linda Caine

Dr. Ronald A. Findlay
316 Eugene Medical Cntr. B
123 East Broadway
Eugene, Oregon 97401

Deschutes County Extension Agent
922 West Highland
Redmond, Oregon 97756

City Recorder
City of Enterprise
City Hall
Enterprise, Oregon 97828

City Recorder
City of Fossil
Fossil, Oregon 97830

Deschutes County Health Dept.
Deschutes County Courthouse Annex
Bend, Oregon 97701

Allen LeFohn
EPA NERL
200 S.W. 35th
Corvallis, Oregon 97330

Gazette Times
News Desk
310 S.W. Third
Corvallis, Oregon 97330

Gazette Times
Heppner, Oregon 97836

Matthew Gould
Georgia Pacific Corp.
900 S.W. Fifth Avenue
Portland, Oregon 97204

Vincent Tretter
Georgia Pacific Corp.
900 S.W. Fifth Avenue
Portland, Oregon 97204

Judge Leo Barnett
Gilliam County Court
P.O. Box 705
Condon, Oregon 97823

Mark E. Mann MD
Gilliam County Health Dept.
P.O. Box 705
Condon, Oregon 97823

Gilliam County Planning Commission
Gilliam County Courthouse
Condon, Oregon 97823

Gold Coast Motorcycle Assoc.
1350 Ocean Bv.
Coos Bay, Oregon 97402
Attn: Andrew W. Adams

Mrs. Barbara Gonigam
580 First St.
Lake Oswego, Oregon 97034

J.C. Nathanson
Dewey & Almy Chemical Div.
W.R. Grace & Co.
62 Whittemore Avenue
Cambridge, Mass 02140

County Clerk
Grant County Courthouse
Canyon City, Oregon 97820

Grant County Health Dept.
P.O. Box 68
Canyon City Oregon 97820

Grant County Planning Comm.
Grant County Courthouse
Canyon City, Oregon 97820

City Recorder
City Hall
Grants Pass, Oregon 97526

Grants Pass Courier
409 SE Seventh
Grants Pass, Oregon 97526

Earnest W. Hahn, Inc.
2311 West El Segunda Bv.
Hawthorne, Ca. 90250

Harney County Clerk
Harney County Courthouse
Burns, Oregon 97720

John Weare, MD
Harney County Health Dept.
P.O. Box 551
Burns, Oregon 97720

Harney County Planning Comm.
Harney County Courthouse
Burns, Oregon 97720

Stan Heisler
214 E. 5th
The Dalles, Oregon 97058

City Recorder
City of Heppner
City Hall
Heppner, Oregon 97836

Herald and News
1301 Esplanade Avenue
Klamath Falls, Oregon 97601

City Recorder
City of Hood River
City Hall
Hood River, Oregon 97031

County Clerk
Hood River County Courthouse
Hood River, Oregon 97031

County Extension Agent
Hood River County Courthouse
Hood River, Oregon 97031

Hood River County Health Dept.
Hood River County Courthouse
Hood River, Oregon 97031

County Planning Commission
Hood River County Courthouse
Hood River, Oregon 97031

Port of Hood River
P.O. Box 239
Hood River, Oregon 97031

Assistant Administrator
Dept. of Environmental
and Community Services
Idaho State House
Boise, Idaho

Ilzro Inc.
292 Madison Ave.
New York, NY 10017
Attn: Jerome F. Cole

International Paper
P.O. Box 854
Gardiner, Oregon 97441

Ojiver Fick
International Paper Co.
2905 NW Taft
Corvallis, Oregon 97330

Itemizer-Observer
News Desk
555 Court
Dallas, Oregon 97338

County Clerk
Jackson County Courthouse
Medford, Oregon 97501

Jackson County Planning Dept.
Jackson County Courthouse
Medford, Oregon 97501

Jackson-Josephine Comprehensive
Health Planning Council, Inc.
1313 Maple Grove Drive
Medford, Oregon 97501

Patty Jameson
1408 Cedar St.
Lake Oswego, Oregon 97034

Jefferson County Health Dept.
Jefferson County Courthouse
Madras, Oregon 97741

County Clerk
Jefferson County Courthouse
Madras, Oregon 97741

Jefferson County Extension Agent
McClou Building
Madras, Oregon 97741

Jefferson County Planning comm.
Jefferson County Courthouse
Madras, Oregon 97741

City Recorder
John Day City Hall
John Day, Oregon 97845

Joint Interim Committee on Env.
Agricultural and Natural Resources
Room 407 State Capitol
Salem, Oregon 97310
Attn: Lois Nuss, Committee Clerk

County Clerk
Josephine County Courthouse
Grants Pass, Oregon 97526

C. William Olson
Assist Health Administrator
County Health Dept.
Josephine County
714 N.W. A Street
Grants Pass, Oregon 97526

Josephine County Planning Dept.
Josephine County Courthouse
Grants Pass, Oregon 97526

Mrs. Cathleen Katz
3433 S.W. Canby St.
Portland, Oregon 97219

KGW
1501 S.W. Jefferson St.
Portland, Oregon 97201

City Recorder
City of Klamath Falls
City Hall
Klamath Falls, Oregon 97601

Klamath County Clerk
Klamath County Courthouse
Klamath Falls, Oregon 97601

Klamath County Commissioners
Klamath County Courthouse
Klamath Falls, Oregon 97601

Klamath County Extension Agent
US Post Office Bldg.
Klamath Falls, Oregon 97601

Klamath County Health Dept.
3300 Vandenberg Road
Klamath Falls, Oregon 97601

KOAP FM-TV
2828 S.W. Front Street
Portland, Oregon 97201

KOIN-TV
140 S.W. Columbia St.
Portland, Oregon 97204

Mayor's Office
City of LaGrande
City Hall
LaGrande, Oregon 97850

Lake County Clerk
Lake County Courthouse
Lakeview, Oregon 97630

George Carlon, chairman
Lake County Bd. of Commissioners
Lake County Courthouse
Lakeview, Oregon 97630

Lamb Weston
6600 S.W. Hampton
Portland, Or. 97223

Bureau of Land Management
Oregon State Office
P.O. Box 2965
Portland, Oregon 97208

Lane County Building &
Sanitation Dept.
135 East 6th - Annex
Eugene, Oregon 97401

Lane County Clerk
Lane County Courthouse
Eugene, Oregon 97401

Lane County Planning Comm.
135 East 6th - Annex
Eugene, Oregon 97401
Lee Miller, Director

Lane Council of Govts.
135 6th Avenue East
Eugene, Oregon 97401

League of Oregon Cities
1201 Court NE
Salem, Oregon 97301
Attn: Gary Carlson

Mrs. David Anderson
League of Women Voters
15315 S.E. Linden Ave.
Milwaukie, Oregon 97222

Mrs. William I. Firey
League of Women Voters
3700 Sylvan Road NW
Corvallis, Or. 97330

Walter E. Lewis
Suite 7, Standard Ins. Bldg
475 Cottage St. NE
Salem, Oregon 97301

Lincoln County Clerk
Lincoln County Courthouse
Newport, Oregon 97365

Lincoln County Health Dept.
225 West Olive St.
Newport Oregon 97365

Malheur Enterprise
Vale, Oregon 97918
Box 310

Mid Columbia Economic Dev Dist.
P.O. Box 280
The Dalles, Oregon 97058

Linn County Health Dept.
Linn County Courthouse
Albany, Oregon 97321
Attn: Env. Sanitation Div.

Marion County Clerk
Marion County Courthouse
Salem, Oregon 97301

Carolyn Wood, Secretary
Mid Columbia Environmental
Council
415 W. 15th Street
The Dalles, Oregon 97058

Linn County Clerk
Linn County Courthouse
Albany, Oregon 97321

Marion County Health Dept
3180 Center St. N.E.
Room 230
Salem, Oregon 97301

Midland-Ross Corp.
55 Public Square
Cleveland, Ohio 44113

Linn County Planning Commission
Linn County Courthouse
Albany, Or 97321

Marion County Planning Dept.
3180 Center St. N.E. Rm. 230
Salem, Oregon 97301
Attn Randy Curtis Director

Mid-Willamette Valley Air
Pollution Authority
c/o Shauna Thomas
2585 Stat Street
Salem, Oregon 97301

Lincoln County Planning Comm.
225 West Olive
Newport, Oregon 97365

Marion County Public Works Dept.
Marion County Courthouse
Salem, Oregon 97301
Attn: John Anderson, Director

Mid-Willamette Valley
Council of Govts.
305 Salem Civic Center
Salem, Oregon 97302
Attn: Curt Smelser

Virginia Valeri
Literature Research Section
Arthur D. Little, Inc.
Acorn Park
Cambridge, Mass, 02140

Joseph L. Byrne
Martin Marietta Aluminum
Box 711
The Dalles, Oregon 97058

Montana Dept. of Health
Division of Air pollution Cont.
Cogswell Building
Helena, Montana 59601

Robert G. Cameron
Lloyd Corp. Ltd
700 N.E. Multnomah
Suite 1050
Portland, Oregon 97232

Mrs. Mary Kenefick
The May Department Stores
6th and Olive Streets
St. Louis, Missouri 63101

County Clerk
Morrow County Courthouse
Heppner, Oregon 97836

Louisiana Pacific Corp.
Samoa, California 95564
Attn: Kelly Stalker

McMinnville News-Register
News Desk
401 N. Evans
McMinnville, Oregon 97128

C.D. Tibbles
Morrow County Health Dept.
P.O. Box 662
Heppner, Oregon 97836

City Recorder
City of Madras
City Hall
Madras, Oregon 97741

City Recorder
City of Medford
City Hall Medford, Oregon 97501

Morrow County Planning Comm.
Morrow County Courthouse
Heppner, Oregon 97836

County Clerk
Malheur County Courthouse
Vale, Oregon 97918
Attn: Ray Huff, Sanitarian

Earl Sutherland
MEI-charlton Laboratories
P.O. Box 1048
Portland, Oregon 97207

Multnomah County Clerk
Multnomah County Courthouse
Portland, Oregon 97201

Malheur County Planning Comm.
Malheur County Courthouse
Vale, Oregon 97918

Menasha Paper Co.
P.O. Box 349
North Bend, Oregon 97459

Dave Hupp
Research Assistant, Multnomah
County 1008 S.W. 6th, Rm 1203
Portland, Oregon 97204

Natural Resources
Public Land Building
Olympia, Washington 98504

NORTHWEST DIST
Association
817 NW 23rd
Portland, Oregon 97210

Honorable Donald E. Clark,
Chairman Multnomah County Comm.
Multnomah County Courthouse
Portland, Oregon 97204

Mary C. Pederson
Office of Neighborhood Association
405 City Hall
1220 S.W. Fifth Avenue
Portland, Oregon 97204

Northwest Environmental
Defense Center
c/o Northwestern School of
Law
10015 S.W. Terwilliger BV.
Portland, Oregon 97219

Walter A. Goss, M.D. Director
Multnomah County Public Health Dept.
P.O. Box 16538
Portland, Oregon 97230

City Recorder
City of Newberg
City Hall
Newberg, Oregon 97132

W.F. Covert
NW Natural Gas Company
123 N.W. Flanders St.
Portland, OR 97209

Multnomah County Public Health Div,
Medical Services
12240 N.E. Glisan Street
Portland, Oregon 97230

City Recorder
City of Newport
City Hall
Newport, Oregon 97365

Manager, Major Energy Dept.
NW Natural Gas Company
123 N.W. Flanders
Portland, Oregon 97209

Multnomah County Dept. of Public Works
2115 S.E. Morrison St.
Portland, Oregon 97214

Port of Newport
Box 386
Lincoln City, Oregon 97367

Lawrence E. Birke, Jr.
NW Pulp and Paper Assoc.
2633 Eastlake Avenue East
Seattle Washington 98102

Multnomah County Planning Dept.
1107 S.W. Fourth
Portland, Oregon 97204

News Review
345 N.E. Winchester
Roseburg, Oregon 97470

Association of NW Steelhead
Route 2, Box 658
Coos Bay, Oregon 97420

S.D. Mustre
P.O. Box 167
Phoenix, Oregon 97535

News and Times
News Desk
Newport, Oregon 97365

F. Glenn Odell
520 S.W. 6th Avenue
Portland, OR 97204

Robert M. Walker
National Loss Control Service Corp.
Long Grove, Illinois 60049

Mr. Nishida, Technical Rep.
Toyo Kogyo-- Us Rep. Office
1444 McGaw Avenue
Irvine, CA 92705

Oil Heating Institute of
Oregon
1927 N.W. Kearney
Portland, Oregon 97209

National Oceanic Atmospheric Administration
Columbic Fisheries Program
P.O. Box 4332
Portland, Oregon 97208

North Clackamas County Chamber
of Commerce
Irwin S. Adams
15010 S.E. McLoughlin
Milwaukie, Oregon 97222

Chief, Portland, Field Office
National Park Service
920 N.E. Seventh
Portland, Oregon 97232

North Lane Soil & Water Conservation
Dist.
P.O. Box 97
Junction City, Oregon 97448

National Wildlife Federation
8755 S.W. Woodside Dr.
Portland, Oregon 97225

North Portland, Citizens Committee
8525 North Lombard Avenue
Portland, Oregon 97203

City Recorder
City of Ontario
City Hall
Ontario, Ore. 97914

City Recorder
City Hall
Oregon City, OR 97045

Oregon Coastal Conservation
Development Commission
P.O. Box N
Florence, OR 97439

Association of Ore. Counties
P.O. Box 2051
Salem, OR 97308
Attn: PJ Orrick

Oregon Shores Conservation
Coalition
P.O. Box 488
Portland, Oregon 97207

Dick Hamilton
Oregon State Dept. of Forestry
2600 State Street
Salem, OR 97310

J. E. Schroeder
Oregon State Dept. of Forestry
2600 State Street
Salem, OR 97310

Oregon State Game Comm.
P.O. Box 3503
Portland, Oregon 97208

Oregon State Health
Division
P.O. Box 1243
Bend, OR 97701

John C. Wright
Oregon State Health Division
700 SE Emigrant
Pendleton, OR 97801

Robert E. Royer
Planning Section
Oregon State Highway Div.
Highway Building
Salem, OR 97310

Newt Andrus, Research Coordinator
Environmental Section. Planning BRanch
Oregon State Highway Division
Salem, Oregon 97310

Fred VanNatta
Oregon State Homebuilders Assoc.
556 Chemeketa St. NE
Salem, Oregon 97301

Dr. Virgil H. Freed
Dept. of Agricultural Chemistry
Oregon State University
Corvallis, Oregon 97331

Dr. G. B. Wood, Director
Agricultural Experimental Station
Oregon State University
Corvallis, OR 97331

R. M. Alexander, Director
Air Resources Center
Oregon State University
Corvallis, Oregon 97331

Andre Caron
National Council of Air &
Stream Improvement
Oregon State University
Corvallis, OR 97331

Dean Frederick Burgess
School of Engineering
Oregon State University
Corvallis, OR 97331

Dr. Richard Boubel
Professor of Mechanical Eng.
Oregon State University
Corvallis, OR 97331

Virgil H. Freed, Director
Environmental Health Sciences
Oregon State University
Corvallis, Oregon 97331

Wilbur P. Breese
Assoc. of Prof of Fisheries
Oregon State University
Marine Science Center
Newport, OR 97365

Dean McCargar
Oregon Steel Mills
5200 NW Front Street
Portland, Oregon 97210

Eugene Wellman
Dept. of Environmental
Health, OTI, Oretch Bran
Klamath Falls, OR 97601

Oregon Wildlife Federatio
700 NE Broadway
Portland, OR

Faith Ruffing
OSPIRG
408 SW Second
Portland, OR 97204

The Observer
LaGrande, OR 97850

J. H. Collins
Pacific NW Bell
521 Lincoln Bldg
421 SW Oak
Portland, OR 97204

Dean Brice
Pacific Power and Light
Public Service Bldg
Portland, OR 97204

City Recorder
City of Pendleton
City Hall
Pendleton, OR 97801

Orval Lervold, Senior Eng
Western Div. Permaneer C
P.O. Box 178
Dillard, OR 97432

Polk County Clerk
Polk County Courthouse
Dallas, OR 97338

Polk County Sanitation D
Room 10, Courthouse
Dallas, OR 97338

Glen Hartwell
Port of Portland Library
P.O. Box 3529
Portland, OR 97208

Publishers Paper Co.
419 Main Street
Oregon City, OR 97045
Attn: Roger Smith

Alex E. Smith
Simpson Timber Co.
P.O. Box 308
Albany, OR 97321

Marion Wood, Planning Dept.
Portland Comm. College
12000 SW Forty-ninth
Portland, OR 97219

PURE
c/o Bill Ellis
Bend Memorial Clinic
Bend, Oregon 97701

Dan Skerritt
1331 SW Broadway
Portland, OR 97201

John B. Kenward
Portland Dev. Comm.
1700 S.W. 4th Avenue
Portland, OR 97201

Dick Howsley, Executive Dir.
Rogue Valley Council of Govts.
33 North Central #310
Medford, OR 97501

Soil Conservation Service
Dept. of Agriculture
511 NW Broadway
Portland, OR 97209

Bruce Snyder
Portland Gen. Electric Co.
621 SW Alder St.
Portland, OR 97205

City of Roseburg
City Recorder
City Hall
Roseburg, OR 97470

Soil and Water Conservation
Commission
State of Oregon
217 Agriculture Building
Salem, OR 97310

Nancy Weisser
Portland, Planning Comm.
424 SW Main
Portland, OR 97204

City Recorder
City of St. Helens
City Hall
St. Helens, OR 97051

Martin Craine
Southern Oregon Timber Ind.
Medford, OR 97501

City of Portland
Dept. of Public Works
1220 SW Fifth Avenue
Portland, OR 97204

City Recorder
City of Salem
City Hall
Salem, OR 97301

Southwest Air Pollution Author
7601 NE Hazel Dell
Vancouver, WA 98665

Public Health Studies Center
Portland State University
P.O. Box 751
Portland, OR 97207
Attn: Verne C. Relerson, Dir.

Rod Sandoz
City Hall
926 Main Street
Milwaukie, OR 97222

Operations Manager
Standard Oil Co.
P.O. Box 950
Portland, OR 97207

PSU Library
Documents Librarian
P.O. Box 1151
Portland, OR 97205

F. F. Farley
Shell Oil Co.
Shell Building
San Francisco, CA 94104

Chief, Standards Implementati
Branch, Control Programs Dev.
Div., Office of AQ Planning
Standards Research
Triangle Park, NC 27711

Dr. Frank Terraglio
PSU P.O. Box 751
Portland, OR 97207

Sherman County Clerk
Sherman County Courthouse
Moro, OR 97309

Division of State Lands
1445 State Street
Salem, OR 97310

City of Prineville
City Recorder
City Hall
Prineville, OR 97754

Sherman County Extension Agent
Sherman County Courthouse
Moro, OR 97039

State Land Board Advisory Com
Room 2, State Capitol
Salem, OR 97310

Sherman County Plan. Comm.
P.O. Box 385
Moro, OR 97309

Stauffer Chemical Co.
4429 Suttle Road
Portland, OR 97217

Sun and North Bend News
P.O. Box 507
North Bend, OR 97459

The Dalles Chronicle
Fourth and Federal
The Dalles, OR 97058

City Recorder
City of The Dalles
The Dalles City Hall
The Dalles, OR 97058

Port of The Dalles
Box 457
The Dalles, OR 97058

City Recorder
Tillamook City Hall
Tillamook, OR 97141

County Clerk
Tillamook County Courthouse
Tillamook, OR 97041

Tillamook Headlight-Herald
News Desk
Tillamook, OR 97141

Tillamook County Health Dept.
Courthouse
Tillamook, OR 97141

Tillamook County Planning Comm.
Tillamook County Courthouse
Tillamook, OR 97141

Tillamook Soil & Water
Conservation District
P.O. Box 187
Tillamook, OR 97141

Times-Herald
P.O. Box 473
Burns, OR 97720

George M. Baldwin, Director
Dept. of Transportation
State Highway Building
Salem, OR 97310

Paul E. Burket, Administrator
Aeronautics Division
Dept. of Transportation
3040 25th Street SE
Salem, OR 97310

Tony George
Oregon Dept. of Transportation
Highway Building
Salem, OR 97310

Stephen McCarthy
Assistant Manager, Tri Met
520 SW Yamhill
Portland, OR 97204

Umatilla County Clerk
Umatilla County Courthouse
Pendleton, OR 97801

Umatilla County Health Dept.
P.O. Box 8
Pendleton, OR 97801

Umatilla County Planning Comm.
Umatilla County Courthouse
Pendleton, OR 97801

Port of Umpqua Commission
Reedsport, OR 97467

Umpqua Regional Council of Govts.
Douglas County courthouse
Roseburg, OR 97470

Unified Sewerage Agency
326 NE Lincoln
Hillsboro, OR 97123

County Clerk
Union County Courthouse
La Grande, OR 97850

Union County Health Office
Courthouse
LaGrande, OR 97850

John Hayes, Sanitarian
Union County Health Dept.
LaGrande, OR 97850

Union County Planning Comm.
Union County Courthouse
LaGrande, OR 97850

Environmental Sciences Library
Union Oil Co. of California
P.O. Box 7600
Los Angeles, California 90051

US Dept. of Agriculture
Soil Conservation Service
1218 SW Washington
Portland, OR 97205

US Army District Engineer
P.O. Box 2946
Portland, OR 97208

US Army Engineer
Walla Walla District
Bldg 602, City-County Airport
Walla Walla, WA 99362

US Coast Guard
Captain of the Port
2805 Going Street
Portland, OR 97217

United State Forest Service
P.O. Box 3623
Portland, OR 97208
Attn: Philip Heaton

Wallowa County Cheiftain
Enterprise, OR 97828

County Clerk
Wallowa County Courthouse
Enterprise, OR 97828

Wallowa County Health Office
P. O. Box 272
Enterprise, OR 97828

Wallowa County Planning Comm.
Wallowa County Courthouse
Enterprise, OR 97828

City Recorder
City of Wasco
City Hall
Wasco, Oregon 97065

Wasco County Clerk
Wasco County Courthouse
The Dalles, OR 97058

State Water Resources Board
1158 Chemeketa St. N.E.
Salem, Or. 97310

Jimmie C. Wilkerson
Winzler and Kelly Laboratory
3705 Boeing Avenue
Arcata, CA 95521

Wasco County Extension Agent
Wasco County Courthouse Annex
The Dalles, Oregon 97058

Alan Webber
Office of the Mayor
1220 S.W. 5th Avenue
Portland, OR 97205

County Clerk
Yamhill County Courthouse
McMinnville, OR 97128

Wasco County Planning Comm.
Wasco County Courthouse
The Dalles, OR 97058

Western Environmental Trade Assoc.
2400 S.W. 4th
Suite 200
Portland, OR 97201

Yamhill County Health Dept.
Courthouse
McMinnville, OR 97128

Wasco-Sherman County Health Dept.
400 East Fifth
The Dalles, OR 94058

Virgil McNabb
Western Oil & Gas Assoc.
500 Wall Street
SEattle, WA 98121

Joe Petrovich, Supervising
Sanitarian

County Clerk
Washington County Courthouse
Hillsboro, OR 97123

Westinghouse Electric Corp.
Environmental Systems Dept.
Room 418C
2200 North Central Avenue
Phoenix, Arizona 85004

Yamhill County Planning Comm.
Yamhill County Courthouse
McMinnville, OR 97128
Dave McDonald, Director

Washington County Planning Dept.
Washington County Courthouse
Second and Main
Hillsboro, OR 97123

Benton County Planning Comm.
501 S.W. Madison
Corvallis, OR 97330
Alan Cooper, Director

Washington County Public
Health Dept.
Environmental Health & Sanitation
Washington County Courthouse
Second and Main
Hillsboro, OR 97123

Weyerhaeuser Company
P.O. Box 275
Springfield, OR 97477
Attn: Oliver Morgan

Wheeler County Clerk
Wheeler County Courthouse
Fossil, OR 97830

Department of Ecology
State of Washington
Air resources Division
Olympia, WA 98504

Wheeler County Health Office
Box 307
Fossil, OR 97830

Director
Natural Resources & Taxation Dept.
State of Washington
1414 S. Cherry Street
Olympie, Wa. 98501

Wheeler County Planning Comm.
Wheeler County Courthouse
Fossil, OR 97830

Dave Campbell
Waste Fuel Specialists
P.O. Box 4208
Portland, OR 97208

Willamette River greenway Assoc.
P. O. Box o2o34
Portland, OR 97202

Wastech Engineering Inc.
4185 McConnell Dr.
Burnaby, B. C.

Steve Quiggle
Winzler and Kelly
P.O. Box 1345
Eureka, CA 95501

ADDITIONAL MAILINGS FOR ALUMAX PACIFIC CORPORATION HEARING NOTICES

- | (30) | (60) |
|---|---|
| 1. All Oregon Senators and Representatives | 13. John Vlastelicia
EPA, Portland |
| 2. U. S. Dept. of Interior
Permit Review Officer
P. O. Box 3261
Portland, Oregon 97208 | 14. Gary Young
Environmental Protection Agency
Region X
1200 Sixth Street
Seattle, WA 98101 |
| 3. John Denny, Information Consultant
Economic Development, Dept. of
317 S.W. Alder Street
Ninth Floor
Portland, Oregon 97204 | 15. Umatilla County Extension Agent
15 S. Main
Milton-Freewater, OR 97862 |
| 4. Mr. Dick Pearson, Director
Mid-Columbia Economic Development District
Wasco County Courthouse, Annex B
502 East 5th
The Dalles, Oregon 97058 | 16. Dean Smith
OREGON JOURNAL
1320 S.W. Broadway
Portland, Oregon 97021 |
| 5. Umatilla County Commissioners
P. O. Box 1427
Pendleton, Oregon 97801 | 17. Wayne Thompson
OREGONIAN
1320 S.W. Broadway
Portland, Oregon 97201 |
| 6. Port of Umatilla
505 Willamette
McNary, Oregon 97858 | 18. Larry Williams
Oregon Environmental Council
2637 S.W. Water Street
Portland, Oregon 97201 |
| 7. Lawrence P. Gray
Mayor, City of Hermiston
295 East Main
Hermiston, Oregon 97838 | 19. Oregon Wheat Growers League
305 S.W. 10th
Pendleton, Oregon 97801 |
| 8. Eddie O. Knopp
Mayor, City of Pendleton
P. O. Box 729
Pendleton, Oregon 97801 | 20. Doug Heider
Portland General Electric
621 S.W. Alder
Portland, Oregon 97201 |
| 9. Charles Huxoll
Mayor, City of Stanfield
105 W Wood Street
Stanfield, Oregon 97875 | 21. Pacific Power & Light
920 S.W. Sixth Avenue
Portland, Oregon 97201 |
| 10. State of Washington
Department of Ecology
Olympia, Washington 98501 | 22. Bonneville Power Administration
1002 N.E. Holladay
Portland, Oregon 97208 |
| 11. Jack Doane
Martin Marietta
P. O. Box 711
The Dalles, Oregon 97058 | 23. State Department of Agriculture
Agriculture Building
635 Capitol NE
Salem, Oregon 97310 |
| 12. Larry Slotta
Oregon State University
Civil Engineering and Ocean Engineering
Corvallis, Oregon 97331 | 24. Dean Wilbur Cooney
School of Agriculture
Oregon State University
Corvallis, Oregon 97331 |

- Richard Owings
25. Port of Portland
700 N.E. Multnomah
Portland, OR 97208
26. Roy H. Sampsel
Special Assistant to the Sec.
Department of Interior
1002 N.E. Holladay
Room 714
Portland, Oregon 97208
27. Oregon Farmer Stockman Magazine
Terminal Sales Building
Room 511
28. Oregon Cattlemens Association
Imperial Hotel
400 S.W. Broadway
Portland, Oregon 97205
29. Mr. Marion Weatherford
Star Route
Arlington, Oregon 97812
30. Pihas, Schmidt, Westerdahl
520 S.W. Yamhill
Portland, Oregon 97201



State of Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

To: Kess

Date: May 16

From: McSwain

Subject: PA at July 15, EQC Hearing - Alumax

Mr. Ken Smith of Umatilla County Planning Commission per telephone call on May 16 informs as follows:

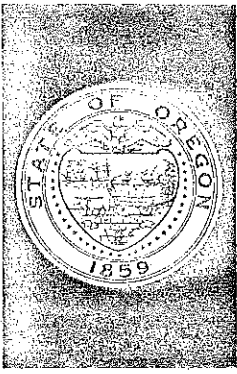
He has two speakers, a mixer, and four microphones which, along with jacks borrowed from IED, were used successfully in Hermiston Jr. High Auditorium. Mixer allows for direct taping by Sony Equipment with special adaptor. The adaptor, mikes, speakers, and mixer will be available for pickup in the Umatilla County Courthouse on the day of the hearing.

Mr. Pete Watson of the Umatilla County Planning Commission set up the previous hearing and would presumably be happy to talk to James Van Domelen of our region office to explain any pitfalls.

We would expect to use the Hermiston Jr. High podium mike in addition to the four above. It would be desirable to discover if the podium mike plugs into the Planning Commission's mixer along with the other four mikes.

Perhaps Mr. Van Domelen could coordinate the arrangement and equipping of the room.

We can bring our portable PA with 2 mikes for backup and use our Sony recorder.



ENVIRONMENTAL QUALITY COMMISSION

1234 S.W. MORRISON STREET • PORTLAND, ORE. 97205 • Telephone (503) 229-5696

Robert W. Straub
GOVERNOR

Joe B. Richards
Chairman, Eugene

GRACE S. PHINNEY
Corvallis

JACKLYN L. HALLOCK
Portland

MORRIS K. CROTHERS
Salem

RONALD M. SOMERS
The Dalles

To: Environmental Quality Commission

From: Director

Subject: 1975 Policy for Authorization of Experimental Burning by Use of Mobile Field Sanitizers

The Commission received testimony at the July 10th hearing that mobile field sanitizers are essentially experimental. F. Glen Odell testified that the Field Sanitation Committee had stated a need for Department flexibility in the operation of experimental burners in respect to both Committee machines and machines of other private individuals.

Under Senate Bill 311, the fee required for burning shall be refunded for any acreage where efficient burning of stubble is accomplished with equipment using an auxiliary fuel or mobile field sanitizer which has been approved by the Field Sanitation Committee and the Department.

A policy clarifying use and approval of mobile field sanitizers is necessary. Considering the current status of mobile field sanitation equipment and the testimony received from the Field Sanitation Committee, the Department prepared the attached policy for consideration of the Commission to provide for use of mobile field sanitizers and meet statutory obligations during the 1975 season.

Previously existing rules relating to field burning and the rules as amended on July 10th allow the Department to authorize burning on an experimental basis (Section 26-013(6)) and Section 26-013(4) allows approved field sanitizers to be operated under either marginal or prohibited conditions.

The Department believes the adopted rules and the proposed policy provide for the maximum of flexibility for mobile field sanitizer use during the 1975 season.

Recommendation:

It is recommended the proposed policy be adopted to be immediately in effect for the 1975 season.



Cooperating
with
the
Recycling
Program

HMP:h - 7/15/75

LOREN KRAMER
Director

(PROPOSED)

DEPARTMENT OF ENVIRONMENTAL QUALITY

1975 SEASON POLICY FOR AUTHORIZING EXPERIMENTAL FIELD BURNING PURSUANT TO OREGON ADMINISTRATIVE RULES, CHAPTER 340, SUBDIVISION 6, SUB-SECTION 26-013(6)

In order to minimize to the extent practicable the open burning of fields and to encourage the development and use of mobile field sanitizers and provide for early season sanitizing of fields, it shall be the policy of the Department to approve field sanitizers for experimental use during the 1975 season in accordance with the following conditions:

1. The Field Sanitation Committee shall maintain information which includes at least the following:

- a) Name, type or description of sanitizer
- b) Owner of the sanitizer
- c) Grower
- d) Field to be sanitized

Registration Number

Fire District

Fire District Field Number

Field Description

Size in acres

Type of crop: Perennial

Annual

Cereal

Regular or Priority acreage

e) Dates experimental burner was used:

2. Written verification of the above information is submitted to the Department by the Field Sanitation Committee either upon request or at appropriate intervals.

3. Individual mobile sanitizers shall not be approved unless there is evidence that reasonably efficient burning can be accomplished by the mobile sanitizers, and that adequate provisions are made for suppression of fire spread. The advice and assistance of the appropriate Fire Permit issuing agency shall be sought in making this determination.
4. The Department Field Burning Manager is advised in advance of the location and day of operation for each field sanitizer burner. The Field Burning Manager shall have veto power over operation of any experimental burner if, in his judgment, the operation has or will have an unacceptable impact on air quality.

PROCEDURE

- A. Persons wishing approval of a field sanitizer shall apply to the Field Sanitation Committee. Applications submitted to the Department shall be referred directly to the Field Sanitation Committee for processing.
- B. The Field Sanitation Committee shall complete an evaluation of the application on behalf of the Committee and the Department, considering the Department policy.
- C. The Field Sanitation Committee shall confer with the Department and the Department shall approve or deny the application.
- D. The Field Sanitation Committee shall advise the applicant on behalf of the Committee and the Department of the acceptance or denial of the application.
- E. The Department's Field Burning Manager may require the Field Sanitation Committee to stop or appropriately modify operation of field sanitizers that are concluded to be having an adverse effect on air quality in Eugene or other sensitive areas.