

# COLUMBIA REGION ASSOCIATION of GOVERNMENTS

6400 S.W. CANYON COURT

PORTLAND, OREGON 97221

(503) 297-3726

## METROPOLITAN SERVICE DISTRICT BOARD

### MEETING MINUTES OF

SEPTEMBER 15, 1972

#### CLACKAMAS COUNTY

Canby  
Gladstone  
Happy Valley  
Lake Oswego  
Milwaukie  
Oregon City  
West Linn

#### CLARK COUNTY

Camas  
Vancouver  
Washougal

#### COLUMBIA COUNTY

Clatskanie  
Columbia City  
Prescott  
Rainier  
Scappoose  
St. Helens  
Vernonia

#### MULTNOMAH COUNTY

Fairview  
Gresham  
Portland  
Troutdale  
Wood Village

#### WASHINGTON COUNTY

Beaverton  
Cornelius  
Durham  
Forest Grove  
Hillsboro  
North Plains  
Sherwood  
Tigard  
Tualatin

### ATTENDANCE

Eldon Hout, Chairman  
Sid Bartels  
Harold Ruecker  
Gus Mohr  
Lloyd Anderson  
Mel Gordon  
Homer Chandler, Executive Director  
Herb Hardy, Legal Counsel

### Public Works Subcommittee

Bob Nordlander  
John McIntyre

There being a quorum present, the Board considered the following items of business:

### I. SOLID WASTE PROPOSAL

Mr. Chandler stated that what is before the Board is a proposal for a Solid Waste Management Plan developed jointly by the CRAG Staff and the Public Works Directors Committee. It was prepared at the request of the Oregon Department of Environmental Control Authority. If accepted by the MSD Board, it will be submitted to DEQ as Administrative Two's section of a State-wide Solid Waste Disposal Plan.

Mr. Chandler said that the proposal is prepared in two sections: a short-range system, and a study of long-range alternative disposal methods.

A. SHORT-RANGE:

Mr. Chandler stated that what is proposed is that land-fill disposal will remain as the principal method of disposal for an indefinite period of time. Accordingly, the study proposes to:

1. Analyze all existing land-fill sites and determine the feasibility of each to serve as a regional site and what improvements would be necessary to make them operative as well as capable of being able to handle newer methods of disposal.
2. To determine the number, size and types and locations of transfer stations to serve the regional disposal sites.
3. Develop a financial system needed to support a regional system.

B. LONG-RANGE:

1. Analyze other methods of solid waste disposal such as recycling, incineration, etc. and determine the feasibility of each to serve District 2's needs.
2. Develop financial plan to serve the more sophisticated system that proves to be the most feasible long-range method of disposal.

To accomplish this program, Mr. Chandler stated that the recommendation is the MSD Board accept responsibility of conducting the effort with the CRAG staff. The Public Works Advisory Committee and a Citizens Committee including members of the solid waste industry carrying out the Board's policy. He further stated that the estimated cost of the study is \$255,000 and these funds would come from the State's DEQ.

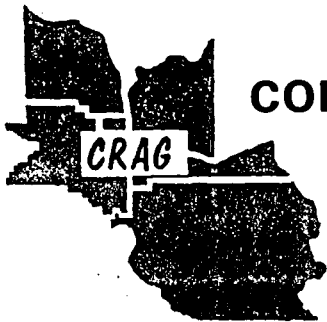
Discussion of the proposal by Board members centered on the following observations:

Metropolitan Service District Board  
Meeting Minutes of September 15, 1972  
Page 3

1. Is it possible to do the job for the estimated cost?
2. A statement of our objectives ought to be more clearly stated and this must include economics as a major objective?
3. Recognition of land fills as a most important method of disposal, the only one we have now and the principal method in the foreseeable future.
4. Need to more clearly define the role of a citizens committee in this effort.

Mr. Anderson stated that the Board needed more time to consider the proposal, therefore, he moved that the Board members individually prepare their thoughts concerning the proposal, forward them to Mr. Chandler by September 22. He in turn will forward all comments to the Board by the 26th and the Board will consider the proposal and suggested changes in a special meeting to be held at Noon, September 29. Mr. Gordon seconded the motion; the motion carried unanimously.

There being no further business, the Board adjourned at 1:30 p.m.



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Prescott  
Rainier  
Scappoose  
St. Helens  
Vernonia

## MULTNOMAH COUNTY

Fairview  
Gresham  
Portland  
Troutdale  
Wood Village

## WASHINGTON COUNTY

Beaverton  
Cornellius  
Durham  
Forest Grove  
Hillsboro  
North Plains  
Sherwood  
Tigard  
Tualatin

## M E M O R A N D U M

TO: MSD Board                      DATE: 9/8/72

FROM: Homer C. Chandler

SUBJECT: DEQ Solid Waste Proposal

Please be aware that DEQ has a proposal regarding the development of a solid waste management plan for the State of Oregon (see attached).

It is the plan of DEQ to submit this to the Emergency Board for funding this month; therefore, they are requesting that MSD indicate its position regarding the proposed plan. The Committee of Public Works Directors are formalizing a recommendation to the MSD Board concerning this proposal.

In order to meet the schedule set by DEQ for review of this proposal, Commissioner Hout has authorized me to arrange for a meeting of the MSD Board to be held Friday, September 15, 1972, 12 Noon, Portland Water Bureau Conference Room.

Please attend.

ATTACHED IS THE STATE SOLID WASTE PROPOSAL FOR  
THIS AREA. THIS WILL BE THE SUBJECT OF YOUR  
FRIDAY, NOON, MEETING.

IN ADDITION, WE WILL HAVE READY FOR YOU AT THAT  
MEETING THE RECOMENDATION OF YOUR PUBLIC WORKS  
ADVISORY COMMITTEE.

STATE OF OREGON  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
REGIONAL PLANNING TASK PROGRAMS  
For Development of a  
STATEWIDE SOLID WASTE MANAGEMENT  
IMPLEMENTATION PLAN

MSD-CRAG SOLID WASTE MANAGEMENT REGION

(Clackamas, Multnomah, and Washington (MSD) and Columbia Counties)

STATE ADMINISTRATIVE DISTRICT 2

(Metropolitan Service District and Columbia Region Association  
of Governments)

Regional Solid Waste Management Planning Task Program

A. Background

Pursuant to ORS Chapter 459 the State of Oregon Department of Environmental Quality has initiated development of a statewide Solid Waste Management Action Plan.

It is proposed that the Statewide plan would be developed cooperatively by the State through the Department of Environmental Quality and local government entities within a solid waste management planning region, acting through the respective Councils of Governments where such are effectively established and operative.

The Statewide plan would consist of a blending of local regional plans and a state sponsored program of research and development designed to demonstrate new and improved methods of solid waste management including financing which can be applied to meet longer term solid waste disposal needs statewide.

It is DEQ's intention to assist local entities in developing

local and regional plans by providing either direct assistance or funding assistance or both.

B. Present Status of Solid Waste Management in the Region.

1. MSD

On February 24, 1972, the DEQ went before the State Emergency Board to request \$440,000 on behalf of the Portland Metropolitan Service District (MSD), for MSD to develop a solid waste management plan and program for the Metropolitan area. For various reasons, only a fraction of the amount requested was actually offered - not enough to accomplish the planning proposed. The MSD rejected the lesser offer, but the need for a Portland area solid waste management plan continues and MSD has requested that the DEQ pick up the pieces and proceed with development of such a plan.

The Department's involvement with planning in the MSD area (Washington, Multnomah, Clackamas Counties) would be as primary coordinator of the planning efforts to be made, as well as to provide technical assistance. The solid waste management needs of the area break out logically into interim needs and long range needs. Planning necessary to meet the interim needs could be carried out by the public works Departments of Washington, Multnomah and Clackamas Counties and the City of Portland together with DEQ. The challenge is to convince the governmental bodies involved to cooperate and agree on the plan and to fund the implementation of the program. Long range needs and the parameters to be considered can be properly outlined and presented to a consultant to determine feasibility and to put dollar cost figures on the various alternative disposal methods. A financing consultant may also be retained to develop the best producing program. If local government can make staff available to work with DEQ coordination, very considerable savings in planning monies would be accomplished.

## 2. Columbia County

The county is not at this time a part of the Metropolitan Service District and it's interim solid waste management needs are not necessarily aligned with that of the Metro area. The county has already begun development of interim long-haul transfer concepts, has adopted a solid waste ordinance and is appointing an advisory committee. They have a good regional disposal site at Santosh and should need no new sites. However, this site is being poorly operated at the present time. The county's long range needs should be considered along with the whatever long range program MSD develops.

## 3. Region-wide

Planning in the region should consider putrescible wastes and special wastes including tires, wood residues, chemical residues, waste oils, septic tank pumpings, automobile bodies and home appliances, hospital wastes and demolition wastes. Research and development possibilities for recycling and reutilization of these wastes should be explored.

Rural and urban, short and long-range programs for solid waste transfer to regional disposal sites should be developed and existing disposal sites evaluated for their role in a regional solid waste management system. Recognized disposal sites currently serving the region include nine landfills and three rural transfer sites. Leachate drainage is prevalent at some sites since cessation of open burning of solid wastes. The configuration of population centers and highway, rail and river transportation routes lends itself to transfer concepts. These four counties should reach formal agreement to plan, adopt the interim plan once developed and agree to implement it. To meet long range needs regional transfer systems to processing centers for 90% recycling is the goal.



C. Proposed Program Objective.

Plan and implement an adequate, workable Solid Waste Management Program for the entire MSD-CRAG region, including:

1. Specific solid waste management program implementing authority and organization at the local level.
2. A workable physical system of collection, transfer, processing and disposal.
3. A specific, adequate financing program to establish and perpetuate facilities and services at an adequate level.
4. A program to publicize the plan, gain public acceptance of the plan and accomplish implementation thereof through involvement of citizens and local officials in the planning process.

D. Proposed Planning and Implementation Schedule to meet immediate needs.

1. Apparent interim planning needs.

- a. By September 1, 1972 (in consultation with DEQ after preliminary assessment by MSD and Columbia County, jointly):

- (1) Consider, approve or modify the proposal that the actual plan development shall be by:

Short Range (Interim) Needs:

- (a) Public works departments in Clackamas, Multnomah and Washington Counties and the City of Portland, augmented by
- (b) Columbia County and regional planning staff for rural portions of the region outside MSD and
- (c) DEQ staff.

Long Range Needs

A consultant who will consider an outline of parameters prepared by the region regarding the feasibility and costs of physical system alternatives in processing

and disposal, as well as developing alternative financial schemes to produce and sustain the management system developed.

(2) Determine an adequate solid waste budget and revenue system, including consideration for available county, state and federal funds, and arrange financing for completion of interim planning and continuation of implementation.

(3) Each county assess adequacy and take action to assure adequacy of:

(a) An adopted County Solid Waste Management Ordinance.

(b) An appointed County Solid Waste Advisory Committee.

b. By July 1, 1973 develop the plan to meet interim needs, giving consideration to the following items.

(1) Physical System:

Region-wide

(a) Design a regional processing, recycling (for at least 25% within three years of the total solid waste processed) and disposal facilities system.

Location and design of new, modified or expanded processing and disposal facilities should include:

1. Geological evaluations of soils and groundwater.
2. Development of operation plans.
3. Preparation of detailed engineering plans and specifications.

(b) Transfer systems may include stations and sites with recycling collection containers, drop-boxes and trailers and long-haul equipment.

- (c). Design a program for handling wood residues, septic tank pumpings, sewage sludges, tires, oils, automobile bodies and home appliances, chemical residues and other special wastes.

Tri-County Area (Clackamas, Multnomah, Washington Counties)

A new and improved system of transfer, processing and disposal may result in the following:

- (a) Agreements for use of City of Portland and Parker landfills as regional putrescible waste sites.
- (b) Major urban transfer facility in Washington County, probably near Hillsboro for transfer to Portland or Parker's.
- (c) Rural drop box collection program in Western Washington County.
- (d) Rural drop box collection program in Hoodland area, Colton-Estacada area, and Molalla area.
- (e) Provide detention and metering facilities in sewage treatment plants for septic tank sludge or other satisfactory solution. Licensing of pumpers and record keeping.
- (f) Grind, bale or otherwise consolidate tires to be used in raising disposal site floors above water table.
- (g) Primary demolition sites in gravel pits of Multnomah and Western Clackamas Counties with consideration of sites in Washington County. Close site at Hidden Valley (Multnomah County).

- (h) Spur interest in and provide coordination for private sector to handle oil waste accumulation, refining and disposal.
- (i) Survey hospital and contaminated waste problem and put hospital waste on a well defined uniform program.
- (j) Closure of promiscuous dump sites.

Columbia County

A new and improved system of transfer, processing and disposal may result in the following:

- (a) Conversion and upgrading of the Santosh disposal site to a sanitary landfill open to the public daily.
- (b) Establishment of a transfer system with stations at Vernonia, Clatskanie and St. Helens & *Rainier*
- (c) Closure of the Clatskanie, Mickey and Peterson (wood waste) disposal sites and promiscuous dump sites. Completion of clean-up and cover of the already closed Vernonia and Rainier sites.
- (d) Construction of a new regional processing, recycling (for at least 25% of the total solid wastes processed) and disposal facility in the St. Helens area.
- (e) Solid waste management coordination with the tri-county area.

D. 1.b. Region-wide(Continued)

- (2) Design a financing scheme for implementation of the plan and maintenance of the established program.
- (3) Develop a public acceptance program to support plan implementation.

- (4) Develop a specific implementation schedule for the plan.
- (5) Complete the plan preliminary review draft by June 1, 1973 and submit to DEQ.
- (6) The four counties and other appropriate political subdivisions within the region join in approval of, adoption and agreement to implement the plan. The Metropolitan Service District and the Columbia Region Association of Governments approve, adopt and agree to implement the plan and submit it to DEQ by July 1, 1973.
- (7) State Citizens' Advisory Committee and DEQ approve and adopt the plan into the statewide plan by August 1, 1973.

2. Implement the approved interim plan in accordance with approved specific schedule, but not later than July 1, 1974. Include adequate personnel, budgetary and revenue system considerations to perpetuate the implemented program. County and regional solid waste committees and ordinances and state statutes and rules should be continuously utilized to achieve this goal.

E. Preliminary assessment of long-range needs.

1. Collect and transfer solid wastes to a high-volume center for processing and distribution by long-haul (barge, rail or truck) of at least 90% of the total solid wastes processed to a major recycling center such as in the Portland area. Dispose of only the minimum amount of processing residues.
2. Plan, finance and implement the long-range plan as soon as practicable, but not later than July 1, 1982, including the following considerations:
  - a. Apparent Needs
    - (1) A potential for long term local landfilling.
    - (2) Develop alternative to landfill as major method of solid waste disposal.

- (3) Research and develop promising methods of resource recovery.
- (4) Refuse transfer collection system utilizing major urban transfer stations.
- (5) Long term solid waste management funding.

b. Suggested Implementation of Long Range Planning.

- (1) Secure potential use of Portland landfill beyond July 1975.
- (2) Retain engineer consultant to determine feasibility and unit cost of:
  - Expansion and prolonged use of Portland Landfill as Regional Disposal.
  - Expansion and prolonged use of Santosh Landfill as Regional Disposal.
  - Barging and disposal through Boeing-Boardman project.
  - Railhaul to Centralia for processing or landfill.
  - Pyrolysis with utilization of gas, oil, heat and aggregate.
  - Railhaul and disposal in Eastern Oregon.
  - Pipeline and disposal in Eastern Oregon.
  - Incineration.
  - Others.
- (3) Make funds available to encourage the research and development of pyrolysis recycling.
- (4) Retain consultant or design locally an urban transfer system and stations.
- (5) Retain financial consultant to develop means of producing revenue and financing Metro solid waste program.