

METROPOLITAN SERVICE DISTRICT  
BOARD OF DIRECTORS

MSD Office  
6400 SW Canyon Ct.

March 8, 1974  
2:00 P.M.

A G E N D A

- I. MINUTES
- II. MSD SOLID WASTE FINANCIAL PLAN - IMPLEMENTATION -  
Bartle-Wells Associates
- III. DISCUSSION OF SOLID WASTE AMENDED ENGINEERING PLAN -  
COR-MET
- IV. DISCUSSION REGARDING SOLID WASTE SYSTEM QUANTITIES -  
COR-MET
- V. MSD SOLID WASTE ENGINEERING PLAN ACTION
- VI. CITY OF PORTLAND LANDFILL EXPANSION - ENVIRONMENTAL  
ASSESSMENT
- VII. NEW BUSINESS

March 6, 1974

TO: Metropolitan Service District Board of Directors  
FROM: MSD Staff  
SUBJECT: STAFF REPORT FOR MARCH 8, 1974

Presented to the Board for transmittal, information and recommended action are the following items:

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| 1  | I. MINUTES<br>Action - <u>Approval</u>   |
| 8  | II. MSD SOLID WASTE FINANCIAL PLAN IMPLEMENTATION -<br>BARTLE-WELLS ASSOCIATES<br>Action - None, information purposes          |
| 9  | III. DISCUSSION OF SOLID WASTE AMENDED ENGINEERING PLAN -<br>COR-MET<br>Action - None at this time                             |
| 12 | IV. DISCUSSION REGARDING SOLID WASTE SYSTEM QUANTITIES -<br>COR-MET<br>Action - Approve COR-MET Solid Waste Quantities         |
| 14 | V. MSD SOLID WASTE ENGINEERING PLAN ACTION<br>Action - <u>Approve</u> Solid Waste Engineering Plan<br>with proposed amendments |

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VI. CITY OF PORTLAND LANDFILL EXPANSION - ENVIRONMENTAL  
ASSESSMENT

Action - Approve Environmental Assessment review

VII. NEW BUSINESS

I. MINUTES

The following pages contain the minutes of the Board meeting of February 22, 1974. The staff recommends approval of the minutes.

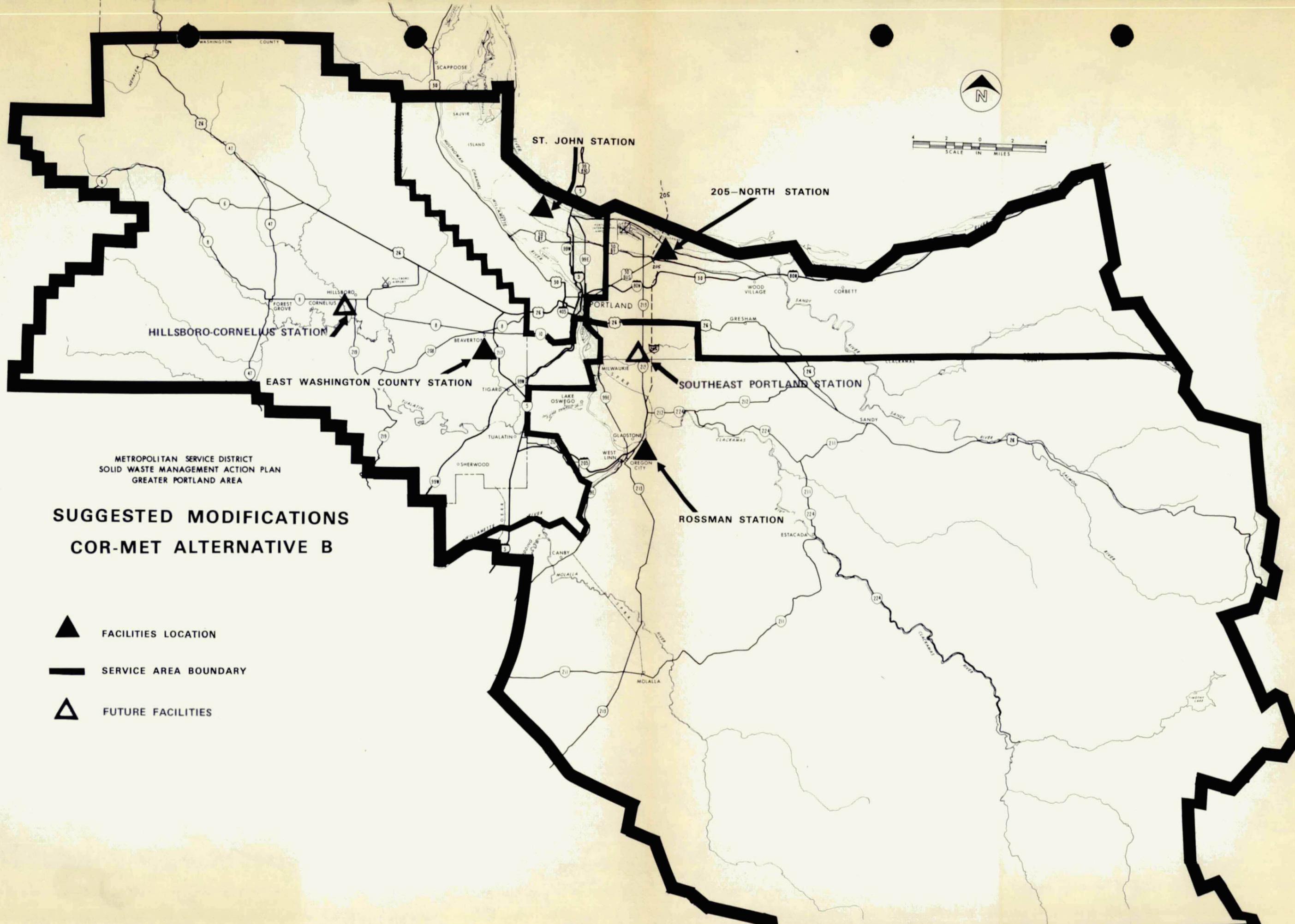
## II. MSD SOLID WASTE FINANCIAL PLAN IMPLEMENTATION

At the last Board meeting, the MSD financial consultants, Bartle-Wells Associates, presented the Regional Solid Waste Financial Plan for review. During this meeting, representatives of Bartle-Wells will brief the MSD Board on implementation steps necessary.

This report is presented for the Board's information and to answer any questions regarding the financial plan. Final review comments are expected by the Special Board Meeting of March 22, 1974.

III. DISCUSSION OF THE SOLID WASTE AMENDED ENGINEERING PLAN -  
COR-MET

After the last MSD Board meeting, the industry representatives, COR-MET, and MSD staff met and discussed the amended solid waste configuration. The discussion at this Board meeting by COR-MET will include explanation of the review and recommendations. The following pages include a map of the amended configuration and definitions of capital cost changes with expected equipment modifications.



METROPOLITAN SERVICE DISTRICT  
 SOLID WASTE MANAGEMENT ACTION PLAN  
 GREATER PORTLAND AREA

**SUGGESTED MODIFICATIONS  
 COR-MET ALTERNATIVE B**

-  FACILITIES LOCATION
-  SERVICE AREA BOUNDARY
-  FUTURE FACILITIES

SYSTEM CHARACTERISTICS COMPARISON  
COR-MET ALTERNATIVE B AND MODIFIED ALTERNATIVE B

Station Location	Initial Milling Equipment		Facility Operating Time (Hrs/wk)		Total Facility Capital Cost		Change in Initial Capital Cost
	Original Alternative B	Modified Alternative B	Original Alternative B	Modified Alternative B	Original Alternative B	Modified Alternative B	
East Washington County Station <sup>1</sup>	2-40 TPH Units	2-40 TPH Units	50	80	2,560,000	2,942,000	+382,000
North Portland Road Station <sup>2</sup>	2-32 TPH Units	2-32 TPH Units	80	80	2,291,000	2,000,000	-291,000
205-North Station <sup>3</sup>	2-32 TPH Units	2-32 TPH Units	55	80	2,385,000	2,579,000	+194,000
Rossman Station	2-32 TPH Units	2-40 TPH Units	40	80	2,103,000	2,363,000	+260,000
Southeast Portland Station	2-40 TPH Units	--	80	--	2,936,000	--	-2,936,000
Hillsboro-Cornelius Station	1-32 TPH	--	50	--	1,327,000	--	-1,327,000
				TOTAL	13,602,000	9,884,000	-3,718,000

<sup>1</sup> Durham Station in original COR-MET Alternative B.

<sup>2</sup> Columbia Blvd. Station in original COR-MET Alternative B.

<sup>3</sup> 82nd and Killingsworth Station in original COR-MET Alternative B.

Modified Alternative B<sup>1</sup>  
 1977 Operation and Maintenance Costs  
 Milling Facilities and Milled Refuse Transport  
 (Thousands of Dollars)

Item	STATION LOCATION			
	North Portland Road Station <sup>2</sup>	East Lexington County Station <sup>3</sup>	205 - North Station <sup>4</sup>	Rossmore Station
Fixed Plant	402.1	494.5	349.2	390.5
Transport	96.8	210.8	242.3	75.7
Total	498.9	705.3	591.5	466.2

Total Milling Facility O&M; Modified Alternative B 2261.9

Total Milling Facility O&M; Original Alternative B 2669.7

Annual Cost Savings 407.8

<sup>1</sup> After table O-12, COR-MET Prefinal Submittal, Volume III.  
<sup>2</sup> Columbia Boulevard Station in original COR-MET Alternative B.  
<sup>3</sup> Durham Station in original COR-MET Alternative B.  
<sup>4</sup> SR 20 and Killingsworth station in original COR-MET Alternative B.

IV. DISCUSSION REGARDING SOLID WASTE SYSTEM QUANTITIES - COR-MET

At the last MSD Board meeting a difference in solid waste quantities was discussed. As a result COR-MET and MSD staff reviewed industry's quantities and prepared the table shown on the following page. It should be pointed out that the COR-MET plan shows 16,682 tons/week while 16,682 tons/week are shown identified by the following table.

It is the MSD staff recommendation that the COR-MET solid waste quantities defined in the report be used for planning and design purposes by MSD.

1973 SOLID WASTE QUANTITIES

SUMMARY DATA

COR-MET WEIGHING AND INVENTORY PROGRAM

Landfill Site Collection Mode	St. John (TPW)	Rossman (TPW)	Lavelle & Yett (TPW)	Obrist (TPW)	Lavelle (Clackamas Co.) (TPW)	Hidden Valley (TPW)	Hillsboro (TPW)	Frank (TPW)	Grab- horn (TPW)	New- berg (TPW)	Wood- burn (TPW)	Total Tons/Week	Total Tons/Day <sup>2</sup>	% of Total
Commercial Refuse Collection Vehicles	5,418 <sup>1</sup>	2,629 <sup>1</sup>										8,047 <sup>1</sup>	2,106	69.4%
	886	310	980	--	56	156	437	512	--	183	16	3,536		
Private Autos, Pickups, and Trailers	668	223	693	--	60	40	58	--	--	19	3	1,764	321	10.6%
Demolition Contractor Hauled Wastes		207 <sup>1</sup>										207 <sup>1</sup>	292	9.6%
	--	151	802	105	110	89	138	--	5	--	--	1,400		
Private Industry Owned Vehicles	651 <sup>1</sup>	196 <sup>1</sup>										847 <sup>1</sup>	314	10.4%
	150	103	346	42	60	112	68	--	--	--	--	881		
												16,682	3,033	

<sup>1</sup> Quantity as weighed by COR-MET, March, 1973. All other quantities derived from recorded volumes and average densities by truck type as determined during weighing program.

<sup>2</sup> Tons per week reduced to tons per day based on a 5.5 day week.

V. MSD SOLID WASTE ENGINEERING PLAN ACTION

It is the staff recommendation that the MSD Board approve the solid waste engineering plan with amendments. In addition, it is recommended the Board authorize staff to notify the DEQ of this action and disperse the remaining Phase I COR-MET funds.

The MSD Citizen and Technical Advisory Committees also recommend the Board approve the engineering plan and move ahead to plan implementation as soon as possible.

BOARD ACTION MODIFICATION:

Adopt COR-MET's modified Solid Waste Engineering Plan B with the recommendation that each of the initial sites be equiped for air classification, recognizing that the plan can be modified later as appropriate; and also that staff be authorized to continue with pre-engineering design and preliminary site selection.

APPROVED METROPOLITAN  
SERVICE DISTRICT  
BOARD OF DIRECTORS

ACTION NO. 74-99

DATE 3-8-74

BY Jean Wood  
CLERK OF THE BOARD

VI. CITY OF PORTLAND LANDFILL EXPANSION - ENVIRONMENTAL ASSESSMENT

The attached report is a review of the City of Portland Landfill Expansion Environmental Assessment. The staff recommends approval of the report and recommendation contained therein.

APPROVED METROPOLITAN  
SERVICE DISTRICT  
BOARD OF DIRECTORS  
ACTION NO. 74-100  
DATE 3-8-74  
BY JeauWood  
CLERK OF THE BOARD



**METROPOLITAN SERVICE DISTRICT**

6400 S.W. CANYON COURT PORTLAND, OREGON 97221 (503) 297-3726

APPROVED METROPOLITAN  
SERVICE DISTRICT  
BOARD OF DIRECTORS

February 19, 1974

ACTION NO. 74-100

DATE 3-8-74

BY Frank Wood

TO: MSD Technical and Citizen Advisory Committees

FROM: Charles C. Kemper

SUBJECT: ENVIRONMENTAL ASSESSMENT REVIEW - ST. JOHN'S  
SANITARY LANDFILL

The City of Portland is proposing an extension of the St. John's Landfill to the north side of the Blind Slough. The project will include the construction of two dikes and the reduction of the steep slope on the south bank of the Blind Slough.

Generally, the project will improve the drainage in the area without creating any serious environmental imbalance. When complete, the leachate seepage problems along the south bank of the Blind Slough will be eliminated, runoff will not come into contact with the waste material and the slough will gradually flow into the North Slough. The west dike will prevent water from the North Slough from backing up into the Blind Slough at high water. It will also prevent debris from floating into the North Slough.

Although the construction will destroy a marshland setting, the action will eliminate a health hazard which would have to be dealt with if the area is to be developed into a city park in the future as proposed by the city. This future use of the landfill area is also in conformance with the CRAG Open Space Plan and with the existing land use plans.

There are no foreseeable problems regarding pollution of water supply systems or any need for sanitary systems. Therefore, since the project provides a solution to some serious drainage problems, expands the existing sanitary landfill, and creates no foreseeable adverse environmental effects, the MSD staff recommends the MSD Board approve this project review and authorize staff to notify the City of Portland and DEQ of this action.