



# METROPOLITAN SERVICE DISTRICT

527 S. W. HALL, PORTLAND, OREGON 97201 222-3671

## MSD BOARD OF DIRECTORS

PORTLAND WATER BUREAU  
1800 SW 6TH AVE.  
AUDITORIUM

DECEMBER 12, 1975  
2:00 P.M.

## A G E N D A

75-434 MINUTES

75-435 PUBLIC COMMUNICATIONS

### ADMINISTRATION

75-436 ACCOUNTS PAYABLE

75-437 ZOO PROGRAM SUPPLEMENTAL BUDGET

DRAINAGE (NO BUSINESS)

### SOLID WASTE PROGRAM

75-438 RESOURCE RECOVERY BYPRODUCTS PROPOSAL

75-439 MSD LANDFILL REPORT

75-440 LIGHT COMBUSTIBLE BYPRODUCTS CONTRACT FORM

75-441 FERROUS BYPRODUCT CONTRACT

75-442 DRAFT MSD/PARKER NORTHWEST CONTRACT

ZOO PROGRAM (NO BUSINESS)

### OTHER BUSINESS



**METROPOLITAN SERVICE DISTRICT**

527 S. W. HALL, PORTLAND, OREGON 97201 222-3671

DECEMBER 5, 1975

TO: MSD BOARD OF DIRECTORS

FROM: MSD STAFF

SUBJECT: STAFF REPORT FOR DECEMBER 12, 1975 MEETING

TRANSMITTED HERewith FOR CONSIDERATION AND RECOMMENDED ACTION  
ARE THE FOLLOWING ITEMS:

<u>PAGE</u>	<u>ACTION RECORD</u> <u>No.</u>	
1	75-434	MINUTES Action - <u>Approve</u> the minutes of November 28, 1975
13	75-435	PUBLIC COMMUNICATIONS Action - <u>Receive</u> comments from public on items not listed on the meeting agenda
14	75-436	ACCOUNTS PAYABLE Action - <u>Approve</u> Accounts Payable listing Vouchers No. 299 through 313 in the total amount of \$14,963.58

<u>PAGE</u>	<u>ACTION RECORD No.</u>	
15	75-437	ZOO PROGRAM SUPPLEMENTAL BUDGET Action - <u>Approve</u> Supplemental Budget in the total amount of \$42,000
17	75-438	RESOURCE RECOVERY BYPRODUCTS PROPOSAL Action - <u>Discussion</u>
18	75-439	MSD LANDFILL REPORT Action - <u>Approve</u> the Landfill Report
19	75-440	LIGHT COMBUSTIBLE BYPRODUCTS CONTRACT FORM Action - <u>Review</u> for action on December 19, 1975
20	75-441	FERROUS BYPRODUCT CONTRACT Action - <u>Review</u> for action on December 19, 1975
21	75-442	DRAFT MSD/PARKER NORTHWEST CONTRACT Action - <u>Review</u> for action on December 19, 1975

75-443

75-434 MINUTES

THE FOLLOWING PAGES CONTAIN THE MINUTES OF THE NOVEMBER 28, 1975, BOARD MEETING.

STAFF RECOMMENDS APPROVAL OF THE NOVEMBER 28, 1975 BOARD MINUTES.

# MSD Board COMMITTEE

DATE

12-12-75

NAME

AFFILIATION

Richard Glass  
Wesley Glass  
Steve Sander  
Margaret Hoard  
Jerry Powell  
Nancy Hoover  
Lashana Lucas  
Dale Rabin  
Fred Rabin  
Jack Schwab  
Pete Williams  
Vic Rosenfeld  
John M. Wright  
John Trout  
Dick Weigel  
Carl R. Miller  
David H. Miller  
Margaret Yerkovich  
Kirk Purrin  
Zack Parker  
Harold C. Chandler  
A. Naggs

C.W.S.F.  
DEQ  
EMCO-4WV  
Portland Recycling  
League of Women Voters  
League of Women Voters / Portland  
SCA Serv. of Ore.  
President Portland Association of  
Sanitary Service operators  
C.C.R.D.A.  
Portland Association of <sup>Saint</sup> Super  
CALBAG METALS CO.  
City of Portland  
Sanitary Truck Drivers Local 281  
Local #281  
Refuse Industry Rep.  
Washington County Advisory Council  
Schetty Egoys Corp.  
Parker Northwest Constr. Co.  
RRB  
RRB

75-435 PUBLIC COMMUNICATIONS

THIS AGENDA ITEM ALLOWS THE BOARD TO RECEIVE COMMENTS FROM THE PUBLIC ON ITEMS NOT LISTED ON THE MEETING AGENDA.

75-436 ACCOUNTS PAYABLE

THE FOLLOWING PAGES CONTAIN THE ACCOUNTS PAYABLE LISTINGS  
VOUCHERS NO. 299 THROUGH 313 IN THE TOTAL AMOUNT OF  
\$14,963.58.

THE STAFF RECOMMENDS APPROVAL OF THE ACCOUNTS PAYABLE LIST.

## ACCOUNTS PAYABLE

December, 1975

VOUCHER NO.	CHECK NO.	PAYABLE TO:	PURPOSE	AMOUNT	PROJECT	CODE
299	299	CRAG	Salaries	1,389.32	Q301	300
			Salaries	5,812.38	Q401	300
			Salaries	840.00	Q403	300
			Fringe	199.28	Q301	300
			Fringe	913.22	Q401	300
			Fringe	131.04	Q403	300
300	300	CRAG	Rent	571.66	Q401	509
			Rent	50.00	Q403	509
			Rent	45.00	Q301	509
			Equipment Rental	42.00	Q401	506
			Administrative Over Head	297.00	Q401	502
			Parking Space	17.50	Q401	516
301	301	CRAG	I.B.M. Copies	70.32	Q401	300
			I.B.M. Copies	11.01	Q403	300
			I.B.M. Copies	2.10	Q301	300
			Postage	68.30	Q401	300
			Postage	12.70	Q403	300
			Postage	7.40	Q301	300
302	302	Daily Journal of Commerce	Notice of Budget Meeting	7.68	Q400	530
			Notice of Sale of Recovered Materials	11.20	Q401	530
			Notice of Board Meeting	25.60	Q401	530
303	303	Bicycle Boy	Sandwiches for Meetings	16.15	Q401	515
304	304	Hardy, Butler, etc.	Legal Services for Sept.	4,180.86	Q401	531
			Legal Services for Sept.	25.00	Q403	531

- Cont. -



## ACCOUNTS PAYABLE

December, 1975

Page 2

14.2 -

VOUCHER NO.	CHECK NO.	PAYABLE TO:	PURPOSE	AMOUNT	PROJECT	CODE
305	305	Merle Irvine	Travel Expense	2.64	Q401	505
306	306	C. C. Kemper	Travel Expense	3.90	Q401	505
307	307	Litton Industries	Final Calculator Payment	46.74	Q401	521
308	308	Oregonian Publishing	Notice of Board Meeting	26.76	Q401	530
			Legal Notice-Salvage Center	9.02	Q403	530
309	309	State of Oregon	Audit Review Filing Fee	40.00	Q401	531
310	310	The Print Shop	Stationery	26.80	Q401	508
311	311	Rians	Sandwiches for Meetings	37.00	Q401	515
312	312	Trinettes Flowers	Flowers for Burt Wilson Services	17.50	Q401	540
313	313	Portland Stamp & Seal	Office Supplies	<u>6.50</u>	Q401	508
TOTAL				\$14,963.58		

75-437 ZOO PROGRAM SUPPLEMENTAL BUDGET

THE FOLLOWING PAGE CONTAINS A SUPPLEMENTAL BUDGET IN THE TOTAL AMOUNT OF \$42,000. THIS SUPPLEMENTAL BUDGET INCLUDES \$1,000 RECEIVED FROM THE ZOOLOGICAL SOCIETY FOR MSD STAFF WORK ON THE ZOO PROGRAM, ANOTHER \$1,000 CONTINGENCY, AND \$40,000 AS AN ESTIMATE FIGURE FOR THE MAY ELECTION EXPENSES. THE TAX SUPERVISING AND CONSERVATION COMMISSION HAS CONDUCTED A PUBLIC HEARING ON THE SUPPLEMENTAL BUDGET AND HAS INFORMED STAFF THAT IT HAS NO OBJECTIONS OR RECOMMENDATIONS.

THE STAFF RECOMMENDS APPROVAL OF THE MSD SUPPLEMENTAL BUDGET IN THE AMOUNT OF \$42,000.

## METROPOLITAN SERVICE DISTRICT

## SUPPLEMENTAL BUDGET FOR 1975-76

ZOO FUND

## RESOURCES:

ZOOLOGICAL GARDENS	\$ 2,000.
ELECTION FUNDS	<u>40,000.</u>

TOTAL RESOURCES	\$42,000.
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## REQUIREMENTS:

## PERSONAL SERVICES:

ADMINISTRATIVE SECRETARY	\$ 672.
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FRINGE BENEFITS	<u>128.</u>
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TOTAL	\$ 800.
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## MATERIALS &amp; SERVICES:

POSTAGE	\$ 75.
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PRINTING	75.
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ADVERTISING	25.
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SUPPLIES	25.
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ELECTION EXPENSES	<u>40,000.</u>
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TOTAL	40,200.
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OPERATING CONTINGENCY	<u>1,000.</u>
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TOTAL REQUIREMENTS	\$42,000.
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75-438 RESOURCE RECOVERY BYPRODUCTS PROPOSAL

AS YOU REMEMBER, RESOURCE RECOVERY BYPRODUCTS (RRB) REQUESTED THAT THE MSD BOARD RESERVE A TIME ON THE BOARD AGENDA FOR RRB TO PRESENT A PROPOSAL TO OPERATE THE NORTH PORTLAND PROCESSING STATION. FOLLOWING MSD BOARD DIRECTION, THE STAFF HAS NOT REVIEWED THE PROPOSAL, ALTHOUGH IT HAS BEEN PRESENTED TO THE MSD SOLID WASTE ADVISORY COMMITTEE ON DECEMBER 8, 1975. THE ADVISORY COMMITTEE RECOMMENDED THE BOARD DIRECT STAFF TO REVIEW THE RRB PROPOSAL AND PROVIDE INPUT FOR THE COMMITTEE.

75-439 MSD LANDFILL REPORT

THE FOLLOWING PAGES CONTAIN MODIFICATIONS AND ADDITIONS MADE TO THE DRAFT OF THE SANITARY LANDFILL REPORT FURNISHED THE BOARD ON NOVEMBER 14, 1975. THE MODIFICATIONS RESULT FROM COMMENTS RECEIVED FROM THE LOCAL JURISDICTIONS, DEQ AND THE PUBLIC. THE SOLID WASTE COMMITTEE, ON DECEMBER 8, 1975 RECOMMENDED APPROVAL OF THE REPORT AS AMENDED.

THE STAFF RECOMMENDS APPROVAL OF THE MSD LANDFILL REPORT WITH THE PROPOSED MODIFICATIONS AND ADDITIONS.

## FINDINGS AND RECOMMENDATIONS

The following findings and recommendations result from the material developed in this report and comments and discussions since circulation:

### Findings:

1. Previous consultant's reports analyzing over 50 potential landfill sites suggest that the following nine sites have technical feasibility. These sites are:

- Cipole - Washington County
- Alford - Clackamas County
- Santosh - Columbia County
- Sandy Delta - Multnomah County
- Hayden Island - Multnomah County
- Burlington - Multnomah County
- Durham Gravel Pits - Washington County
- Frank's - Washington County
- Division Street Gravel Pits

2. Landfilling of milled residue and milled refuse such as will occur in the MSD proposed Solid Waste Management Plan offers new opportunities and advantages and gives greater feasibility to certain sites than if they were landfilled with raw refuse.

3. Although controversy exists, utilization of worked out gravel pits for milled residue and nonprocessible sites has significant merits. The following gravel pits, in addition to those mentioned in finding #1, should receive further consideration for these purposes:

- Barton Pit
- Crosswhite
- Columbia Sand and Gravel
- Gresham Sand and Gravel
- Nash Gravel Pit

Oregon Asphalt Paving  
Rogers Construction Co.  
Waybot Gravel Pit  
Yett Gravel Pit

4. If solid waste flows to existing demolition sites are interrupted, it appears that operators and owners of such sites may be adversely impacted.

5. From an economic standpoint, Hayden Island is a superior landfill site for refuse from the North Portland Station. Burlington, Division Street Gravel Pits, and Santosh in that order, offer economic advantages not available at the other sites.

6. The economically superior landfill site for the south processing station is the Division Street Gravel Pits. Alford, the Durham Gravel Pits, Cipole, and the Sandy Delta, in that order complete the economic ranking for the south processing center.

Staff Recommendations

1. Existing landfills should be kept in operation as long as technically and socially possible.

2. Unless a severe lack of processible waste quantities at the proposed processing station occurs, there should be no interruption of the flow of solid wastes currently directed to existing demolition sites.

3. Processible wastes should not be accepted at new demolition sites commencing operation after January 1, 1976, unless there are unforeseen changes to the MSD Solid Waste Program.

4. On a future date as circumstances dictate, staff should accomplish the action tasks set forth in the implementation section of this report to develop a regional landfill site.

Further, the Department of Environmental Quality's stand on any particular landfill is one of examining available evidence. What has often been termed rejection of a particular site is often simply a request for more technical data to assure that degradation of the environment will not occur.

3. The Washington County Planning staff supports the use of the Durham Gravel Pits as a regional landfill.
4. The Washington County Planning staff strongly resists siting any landfill within the flood plain.
5. Multijurisdictional review for any site within the flood plain is established by statute. It would be necessary to obtain a Corps of Engineers permit for any site developed in the flood plain. Non-flood plain sites are likely to come under the review of the State Department of Mining and Geology. Any potential site is likely to go through a review process lasting several years.
6. The Burlington site has previously been evaluated and rejected by the Environmental Quality Commission.



## IMPLEMENTATION OF A REGIONAL LANDFILL SITE

Prior to the actual implementation of any regional landfill sites, a number of tasks will need to be performed. This section suggests those tasks and an orderly and efficient manner for performing them.

### Pre-Action Tasks

On-going management of MSD Solid Waste Plan - MSD will maintain records of landfill utilization and estimate landfill capacity's to determine when action should be initiated for securing new sites.

Monitoring and developing technology - MSD will undertake research and collect data to analyze specific environmental impacts of handling and landfilling milled residue, shredded refuse, and unprocessed refuse. Methods for leachate containment, recovery, and treatment will be monitored and research will be undertaken as financing allows.

Monitoring unusual and specific needs - MSD should establish and maintain a list of demolition contractors, industry using demolition sites, demolition site operators, and owners of potential demolition sites. MSD should make an effort to contact these people and make them aware of the proposed MSD Solid Waste Management Plan, and how they may be impacted.

Public information program - Through utilization of the findings and data included in this report and continual updating of information, MSD should be able to present a consistent and continuing program for finding and developing new sites as required.

### Action Tasks

Phase I - Notification of local jurisdictions, interested agencies and industry - Prior to undertaking any additional specific sanitary landfill site work, MSD should contact groups and organizations which are impacted by selection of a particular site. MSD may choose to solicit

various kinds of proposals to develop specific tasks in each of the subsequent phases, and in the public notification process, or may choose to perform the required work using MSD staff. An initial survey of local attitude should be used to complement work undertaken.

Phase II - Development of preliminary engineering and environmental impacts - Work performed in this phase should consist of geological reconnaissance and subsurface water quality investigations, preliminary cost estimates and analysis of alternatives, traffic, nuisance, and land use impacts, and an economic impact statement using cost benefit analysis.

Phase III - Public hearings on preliminary engineering and environmental assessments - MSD should utilize the preliminary engineering and environmental assessment to obtain conditional approvals of approving agencies, final land use approvals, and comments from all interested parties. In addition, public hearings should be conducted.

Phase IV - Final engineering and obtaining necessary permits - The final engineering on specific sites should be completed and the required final technical approvals obtained from the Department of Environmental Quality, the State Engineers Office, the Corps of Engineers and others as required.

Phase V - Construction and commencement of operations - During the construction phase, public information programs should be utilized to advise the general population of the extent and nature of the new landfills.

The pre-action tasks outlined are a part of the MSD Solid Waste Plan and should be borne mainly by MSD. The action tasks could be performed and financed by MSD, private industry, or a combination of both, as needs and circumstances dictate.

75-440 LIGHT COMBUSTIBLE BYPRODUCTS CONTRACT FORM

UNDER SEPARATE COVER IS A PRELIMINARY DRAFT OF THE PROPOSED CONTRACT BETWEEN THE MSD AND PUBLISHERS PAPER COMPANY FOR THE PURCHASE OF THE LIGHT COMBUSTIBLE MATERIAL.

STAFF RECOMMENDS REVIEW OF THE DRAFT CONTRACT FOR ACTION AT THE DECEMBER 19, 1975, SPECIAL BOARD MEETING.

75-441 FERROUS BYPRODUCT CONTRACT

THE STAFF HAS BEEN NEGOTIATING WITH PRIVATE INDUSTRIES FOR THE PURCHASE OF THE FERROUS METALS WHICH WILL BE EXTRACTED FROM SOLID WASTE AS A RESULT OF THE MSD RESOURCE RECOVERY PROGRAM. PROPOSALS FROM THESE INDUSTRIES WILL BE SUBMITTED PRIOR TO DECEMBER 19, 1975. UNDER SEPARATE COVER YOU WILL RECEIVE A COPY OF THE PROPOSED CONTRACT FOR THE SALE OF RECOVERED FERROUS.

STAFF RECOMMENDS REVIEW OF THE FERROUS CONTRACT FOR ACTION AT THE DECEMBER 19, 1975 SPECIAL BOARD MEETING.

75-442 DRAFT MSD/PARKER NORTHWEST CONTRACT

A DRAFT MSD/PARKER NORTHWEST CONTRACT WILL BE PROVIDED UNDER SEPARATE COVER. THE STAFF NEEDS APPROVAL OF THIS DOCUMENT BEFORE JANUARY 1, 1976.

THE STAFF RECOMMENDS REVIEW OF THE DRAFT CONTRACT FOR ACTION AT THE DECEMBER 19, 1975, SPECIAL BOARD MEETING.