
**MAHONING COUNTY SOLID WASTE
DISTRICT**

SOLID WASTE MANAGEMENT PLAN

June 5, 2006

Division of Solid and Infectious Waste Management

Ohio Environmental Protection Agency

P.O. Box 1049

Columbus, Ohio 43216-1049

Prepared By:

**The Mahoning County Solid Waste
Management District Staff**

&

MS Consultants

TABLE OF CONTENTS

SECTION I - INTRODUCTION	1
A. PLAN APPROVAL DATE, COUNTIES IN DISTRICT, AND PLANNING PERIOD	1
B. REASONS FOR PLAN SUBMITTAL	1
C. PROCESS TO DETERMINE MATERIAL CHANGE IN CIRCUMSTANCES	1
D. DISTRICT FORMATION AND CERTIFICATION STATEMENT	3
E. POLICY COMMITTEE MEMBERS	4
F. BOARD OF DIRECTORS	4
G. DISTRICT ADDRESS AND PHONE NUMBER	4
H. TECHNICAL ADVISORY COMMITTEE AND OTHER SUBCOMMITTEES	4
SECTION II - EXECUTIVE SUMMARY	5
SECTION III – INVENTORIES	5
SECTION IV – REFERENCE YEAR POPULATION, WASTE GENERATION AND WASTE REDUCTION	6
SECTION V – PLANNING PERIOD PROJECTIONS AND STRATEGIES	6
SECTION VI – METHODS OF MANAGEMENT: FACILITIES & PROGRAMS TO BE USED	11
SECTION VII – MEASUREMENT OF PROGRESS TOWARD WASTE REDUCTION GOALS	11
SECTION VIII – COST AND FINANCING OF PLAN IMPLEMENTATION	12
SECTION IX – DISTRICT RULES	12
SECTION X – ALTERNATE ANALYSIS	13
PLAN PROFILE	13
SECTION III - INVENTORIES	15
A. REFERENCE YEAR	15
B. EXISTING SOLID WASTE LANDFILLS	15
C. EXISTING INCINERATORS AND RESOURCE RECOVERY FACILITIES	15
D. EXISTING TRANSFER FACILITIES	15
E. EXISTING RECYCLING ACTIVITIES	16
F. EXISTING COMPOSTING/YARD WASTE MANAGEMENT FACILITIES	17
G. EXISTING OPEN DUMPS AND WASTE TIRE DUMPS	17
H. ASH, FOUNDRY SAND AND SLAG DISPOSAL SITES	17
I. MAP OF FACILITIES AND SITES	17
J. EXISTING COLLECTION SYSTEMS - HAULERS	18
SECTION IV - REFERENCE YEAR POPULATION, WASTE GENERATION, AND WASTE REDUCTION... 19	19
A. REFERENCE YEAR POPULATION AND RESIDENTIAL/COMMERCIAL WASTE GENERATION	19
B. INDUSTRIAL WASTE GENERATION	20
C. EXEMPT WASTE	21
D. REFERENCE YEAR WASTE REDUCTION	22
E. TOTAL WASTE GENERATION	36
F. TOTAL WASTE GENERATION: HISTORICAL TRENDS OF DISPOSAL PLUS WASTE REDUCTION	37
G. RECONCILIATION OF WASTE GENERATION	38
H. WASTE COMPOSITION	38
SECTION V - PLANNING PERIOD PROJECTIONS AND STRATEGIES	39
A. PLANNING PERIOD	39
B. POPULATION PROJECTIONS	39
C. WASTE GENERATION PROJECTIONS	41
D. PROJECTION FOR WASTE STREAM COMPOSITION	43
E. SOURCE REDUCTION AND RECYCLING STRATEGIES	43
F. LANDFILL AND INCINERATOR DISPOSAL RESTRICTIONS	58
G. HOUSEHOLD HAZARDOUS WASTE	59

SECTION VI - METHODS OF MANAGEMENT: FACILITIES & PROGRAMS TO BE USED.....	61
A. DISTRICT METHODS FOR MANAGEMENT OF SOLID WASTE.....	61
B. DEMONSTRATION OF ACCESS TO CAPACITY	61
C. SCHEDULE FOR FACILITIES AND PROGRAMS.....	66
D. IDENTIFICATION OF FACILITIES	66
E. AUTHORIZATION STATEMENT TO DESIGNATE.....	66
F. WAIVER PROCESS FOR UNDESIGNATED FACILITIES	67
G. SITING STRATEGY FOR FACILITIES	67
H. CONTINGENCIES FOR CAPACITY ASSURANCE AND DISTRICT PROGRAM IMPLEMENTATION	73
SECTION VII - MEASUREMENT OF PROGRESS TOWARD WASTE REDUCTION GOALS.....	75
A. DISTRICT WILL COMPLY WITH GOALS IDENTIFIED.....	75
B. DEMONSTRATION OF COMPLIANCE GOAL NUMBER 1	75
C. CALCULATING GOAL NUMBER 2, THE WASTE REDUCTION RATE.....	78
SECTION VIII - COST AND FINANCING OF PLAN IMPLEMENTATION	81
A. FUNDING MECHANISMS AND AMOUNT OF MONEY GENERATED	81
B. COSTS OF PLAN IMPLEMENTATION	82
C. FUNDS ALLOCATED FROM ORC 3734.57 (B), ORC 3734.572 AND ORC 3734.573.....	86
D. CONTINGENT FUNDING OR FINANCING	87
E. SUMMARY OF COSTS AND REVENUES	87
SECTION IX - DISTRICT RULES [ORC SECTION 3734.53(C)]	95
A. EXISTING RULES	95
B. PROPOSED RULES	96
SECTION X ALTERNATE ANALYSIS	97
A. INTRODUCTION	97
B. ALTERNATE VI - DISTRICT METHODS FOR MANAGEMENT OF SOLID WASTE.....	98
C. ALTERNATE DEMONSTRATION OF ACCESS TO CAPACITY	98
D. ALTERNATE SECTION VIII FUNDING MECHANISMS AND AMOUNT OF MONEY GENERATED ...	99
APPENDICES MADE AVAILABLE AT PARTICIPATING PUBLIC LIBRARIES.	