FINAL

Meadowlands Environmental Site Investigation Compilation (MESIC)

Hudson-Raritan Estuary
Hackensack Meadowlands, New Jersey

Prepared by:

U.S. ARMY CORPS OF ENGINEERS
New York District

May 2004

TABLE OF CONTENTS

MEADOWLANDS ENVIRONMENTAL SITE INFORMATION COMPILATION (MESIC) HACKENSACK MEADOWLANDS, NEW JERSEY

TABLE OF CONTENTS

PAGE NUMBER

EXECUTIVE SUMMARY ES-1

SECTION 1 – SITE DESCRIPTIONS 1-1

1.0 Introduction 1-1
1.1 Purpose 1-2
1.2 Description 1-2
1.3 Study Area Description 1-15
1.4 Site Information Fact Sheets Description 1-16
1.5 Site Information Fact Sheets 1-16

Existing Restoration, Preservation, and/or Mitigation Sites
#1 Bellemeade Mitigation
#2 Eastern Brackish Marsh
#3 Harrier Meadow
#4 Hess Mitigation Site
#5 Marsh Resources Meadowlands Mitigation Bank
#6 Mill Creek Marsh
#7 Saw Mill Creek Wildlife Management Area
#8 Skeetkill Creek Marsh
#9 Vince Lombardi Marsh
#10 Western Brackish Marsh

Candidate Restoration Sites
#11 Anderson Creek Marsh
#12 Berry's Creek Marsh
#13 Bellman's Creek Marsh
#14 Empire Tract
#15 Kearny Brackish Marsh
#16 Kearny Freshwater Marsh
#17 Laurel Hill Park Wetland
#18 Losen Slote Creek Park
#19 Lyndhurst Riverside Marsh
#20 Meadowlark Marsh
#21 Mehrhof Pond
#22 Metro Media Tract
#23 Mori Tract
#24 Oritani Marsh
#25 Petrillo Tract
#26 Riverbend Wetlands Preserve
#27 Secaucus High School

#28 Secaucus Tract
#29 Steiner's Marsh
#30 Teterboro Woods

Waterbodies and Other Wetlands
#31 Bellman's Creek
#32 Berry's Creek/Berry's Creek Canal
#33 Cromakill Creek
#34 Eight Day Swamp
#35 Hackensack River
#36 Kingsland Impoundment
#37 Losen Slote Creek
#38 Mill Creek
#39 Moonachie Creek
#40 NJSEA Sports Complex-Walden Marsh
#41 Penhorn Creek
#42 Saw Mill Creek

Existing/Potential Remediation Sites
#43 1-E Landfill
#44 Avon Landfill
#45 Erie Landfill
#46 Keegan Landfill
#47 Kingsland Landfill
#48 Lyndhurst Landfill
#49 Malanka Landfill
#50 Rutherford Landfill

Meadowlands-wide

SECTION 2 – SITE MATRIX TABLE 2-1

2.0 Site Matrix Table Description 2-1
2.1 Site Matrix Table 2-1

SECTION 3 – SITE REPORTS 3-1

3.0 Description of Site Reports 3-1
3.1 Data Sources 3-1
3.2 Site Reports 3-2

Existing Restoration, Preservation, and/or Mitigation Sites
#1 Bellemeade Mitigation
#2 Eastern Brackish Marsh
#3 Harrier Meadow
#4 Hess Mitigation Site
#5 Marsh Resources Meadowlands Mitigation Bank
#6 Mill Creek Marsh
#7 Saw Mill Creek Wildlife Management Area
#8 Skeetkill Creek Marsh
#9 Vince Lombardi Marsh

#10 Western Brackish Marsh

Candidate Restoration Sites
#11 Anderson Creek Marsh
#12 Berry's Creek Marsh
#13 Bellman's Creek Marsh
#14 Empire Tract
#15 Kearny Brackish Marsh
#16 Kearny Freshwater Marsh
#17 Laurel Hill Park Wetland
#18 Losen Slote Creek Park
#19 Lyndhurst Riverside Marsh
#20 Meadowlark Marsh
#21 Mehrhof Pond
#22 Metro Media Tract
#23 Mori Tract
#24 Oritani Marsh
#25 Petrillo Tract
#26 Riverbend Wetlands Preserve
#27 Secaucus High School
#28 Secaucus Tract
#29 Steiner's Marsh
#30 Teterboro Woods

Waterbodies and Other Wetlands
#31 Bellman's Creek
#32 Berry's Creek/Berry's Creek Canal
#33 Cromakill Creek
#34 Eight Day Swamp
#35 Hackensack River
#36 Kingsland Impoundment
#37 Losen Slote Creek
#38 Mill Creek
#39 Moonachie Creek
#40 NJSEA Sports Complex-Walden Marsh
#41 Penhorn Creek
#42 Saw Mill Creek

Existing/Potential Remediation Sites
#43 1-E Landfill
#44 Avon Landfill
#45 Erie Landfill
#46 Keegan Landfill
#47 Kingsland Landfill
#48 Lyndhurst Landfill
#49 Malanka Landfill
#50 Rutherford Landfill

Meadowlands-wide

SECTION 4 – ACRONYMS/ABBREVIATED NAMES 4-1

LIST OF TABLES

PAGE NUMBER

Table 1-1: MESIC Sites 1-3
Table 1-2: Block and Lot Information for the 50 MESIC Sites 1-5
Table 1-3: Upland Parks and Recreation Areas in the Meadowlands 1-12

LIST OF FIGURES

PAGE NUMBER

Figure ES-1: MESIC Site Map 1-3
Figure 1-1: MESIC Site Map 1-4
Figure 1-2: Green Map: New Jersey Meadowlands Commission 1-13

Note: The following figures precede their respective groups of site information fact sheets in Section 1.5, which begins on page 1-16.

Figure 1-3: Existing Restoration, Preservation and/or Mitigation Sites
Figure 1-4: Candidate Restoration/Preservation Sites
Figure 1-5: Waterbodies and Other Wetlands
Figure 1-6: Existing/Potential Remediation Sites