



**US Army Corps  
of Engineers®**

Summary Report

AUGUST 2002

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UNITED STATES OF AMERICA

# Ocean Dumping Report for Calendar Year

# 2001

DREDGED MATERIAL

UNITED STATES OF AMERICA

OCEAN DUMPING

REPORT FOR

CALENDAR YEAR

2001

DREDGED MATERIAL

Prepared by Headquarters, U. S. Army Corps of Engineers

Operations Division

441 G Street NW

Washington, D.C. 20314-1000

AUGUST 2002

## Background

Under the authority of the International Maritime Organization (IMO), the United States and all other contracting nations to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter are required to submit an annual report for each ocean disposal operation. The U.S. Army Corps of Engineers has been tasked with preparing the dredged material portion of these IMO Ocean Dumping Reports.

## Reports Numbering System

The following pages contain all 73 U.S. prepared calendar year (CY) 2001 IMO Dredged Material Ocean Disposal Reports. They are numbered as follows:

(1) Pages C-1 through C-134 represent the 50 CY 2001 Corps of Engineers dredged material ocean disposal activities as authorized by the United States Congress.

(2) Pages P-1 through P-60 represent the 23 CY 2001 permitted dredged material ocean disposal activities conducted by permit under authority of Section 103 of the Marine Protection Research and Sanctuaries Act of 1972.

## Summary of Data

During CY 2001, the U.S. ocean-disposed 56,294,525 cubic meters of dredged material of which 1,763,014 cubic meters were disposed under Section 103 permit authority, and 54,531,511 cubic meters were disposed under Corps project authority.

Geographical distribution of the U.S. CY 2001 ocean-disposed dredged material was as follows:

<u>Region</u>	<u>Cubic Meters</u>	<u>IMO Report References</u>
Atlantic Ocean	22,963,384	C-1 to C-62, P-1 to P- 41
Gulf of Mexico	29,199,462	C-63 to C-93
Pacific Ocean	4,131,679	C-94 to C-134, P-42 to P-60

Seattle and Honolulu Districts did not carry out any ocean disposal activities during CY 2001. Baltimore District data was reported by Norfolk District.

## District Location Abbreviations

Abbreviation	District Name	District Location
NAN	New York	New York, NY
NAE	New England	Boston, MA
NAB	Baltimore	Baltimore, MD
NAO	Norfolk	Norfolk, VA
NAP	Philadelphia	Philadelphia, PA
SAC	Charleston	Charleston, SC
SAW	Wilmington	Wilmington, NC
SAS	Savannah	Savannah, GA
SAJ	Jacksonville	Jacksonville, FL
SAM	Mobile	Mobile, AL
MVN	New Orleans	New Orleans, LA
SWG	Galveston	Galveston, TX
SPL	Los Angeles	Los Angeles, CA
SPN	San Francisco	San Francisco, CA
NWP	Portland	Portland, OR
NWS	Seattle	Seattle, WA
POA	Alaska	Anchorage, AK
POH	Honolulu	Honolulu, HI

## Authorship

The 2001 IMO Ocean Disposal Reports in this document were prepared by numerous Corps of Engineers employees in 18 Corps Districts and Divisions which have coastal boundaries. For additional information concerning individual projects, please contact the Corps District employee listed under "Point of Contact" at the end of each report. For projects with no contact listed or other information regarding this report, the central point of contact in the United States Government is:

Headquarters  
U. S. Army Corps of Engineers  
Operations Division  
441 G Street NW  
Attn: CECW-OD (Joe Wilson)  
Washington, D. C. 20314-1000

This report was compiled and published under the Dredging Operations Technical Support program (<http://www.wes.army.mil/el/dots/>), Dr. Doug Clarke, manager and Mr. Joseph Wilson, Technical Monitor. It was compiled by Mr. Charles H. Lutz, US Army Engineer Research and Development Center, WES, Environmental Laboratory. Electronic copies of this report and historical ocean disposal data are available from the Ocean Disposal Web site (<http://www.wes.army.mil/el/odd/odd.html>).

# TABLE OF CONTENTS

<u>Federal Project Name</u>	<u>Page</u>
RED HOOK FLATS ANCHORAGE ..... #62 NEW YORK HARBOR, N.Y. (Maintenance)	C-1
#63 RARITAN BAY - PERTH AMBOY ANCH. REACH ..... NEW YORK & NEW JERSEY CHANNELS (Maintenance)	C-4
#63 RARITAN BAY - WARDS POINT BEND REACH ..... NEW YORK & NEW JERSEY CHANNELS (Maintenance)	C-7
#63 KILL VAN KULL - AREA 1 ..... NEW YORK & NEW JERSEY CHANNEL (New Work)	C-10
#63 KILL VAN KULL / AREA - 3 ..... NEW YORK & NEW JERSEY CHANNELS (New Work)	C-12
KILL VAN KULL / AREA - 4A ..... #63 NEW YORK & NEW JERSEY CHANNELS (New Work)	C-15
KILL VAN KULL / AREA - 7 ..... #63 NEW YORK & NEW JERSEY CHANNELS (New Work)	C-17
AMBROSE CHANNEL / ROCK PILE ..... #62 NEW YORK HARBOR, N.Y. (New Work)	C-19
CHELSEA RIVER, CHELSEA & EVERETT, MA ..... COE BOSTON HARBOR (Maintenance)	C-21
CHESAPEAKE BAY, VIRGINIA ..... BALTIMORE HARBOR CHANNELS (Maintenance)	C-23
NEW JERSEY ..... BARNEGAT INLET (Maintenance)	C-25
CHARLESTON, SOUTH CAROLINA ..... CHARLESTON HARBOR DEEPENING/WIDENING (New Work)	C-27
WILMINGTON, NC ..... WILMINGTON HARBOR (Maintenance)	C-30
WILMINGTON, NC ..... WILMINGTON HARBOR (New Work)	C-32

WILMINGTON, NC .....	C-34
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-36
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-38
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-40
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-42
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-44
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-46
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-48
WILMINGTON HARBOR (New Work)	
WILMINGTON, NC .....	C-50
WILMINGTON HARBOR (New Work)	
GLYNN CO., GA .....	C-52
BRUNSWICK HARBOR (Maintenance)	
CHATHAM CO., GA, JASPER CO., SC .....	C-59
SAVANNAH HARBOR NAVIGATION PROJECT (Maintenance)	
FERNADINA BEACH, FLORIDA .....	C-61
KINGS BAY ENTRANCE CHANNEL (Maintenance)	
MOBILE BAY .....	C-63
MOBILE HARBOR MAINTENANCE B&B DREDGING "COLUMBIA" (Maintenance)	
MOBILE BAY .....	C-65
MOBILE HARBOR MAINTENANCE, B&B DREDGING "COLUMBIA" (Maintenance)	
MOBILE BAY .....	C-67
MOBILE HARBOR MAINTENANCE, BEAN STUYVESANT, LLC (Maintenance)	
MOBILE BAY .....	C-69
MOBILE HARBOR MAINTENANCE, B&B DREDGING "COLUMBIA" (Maintenance)	

PASCAGOULA HARBOR.....	C-71
PASCAGOULA HARBOR MAINTENANCE (Maintenance)	
PASCAGOULA HARBOR.....	C-73
BAYOU CASSOTTE EXTENSION (Maintenance)	
ATCHAFALAYA RIVER BAR CHANNEL.....	C-75
ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF AND BLACK, LA (Maintenance)	
CALCASIEU RIVER BAR CHANNEL.....	C-77
CALCASIEU RIVER AND PASS, LA (Maintenance)	
MISSISSIPPI RIVER - GULF OUTLET BAR CHANNEL.....	C-80
MISSISSIPPI RIVER - GULF OUTLET, LA (Maintenance)	
MISSISSIPPI RIVER BAR CHANNEL.....	C-83
MISSISSIPPI RIVER BATON ROUGE TO THE GULF OF MEXICO, LA (Maintenance)	
SABINE - NECHES WATERWAY, TEXAS.....	C-85
SABINE PASS OUTER BAR AND SABINE BANK CHANNELS (Maintenance)	
FREEPORT HARBOR, TEXAS.....	C-87
ENTRANCE AND JETTY CHANNEL (Maintenance)	
MATAGORDA SHIP CHANNEL, TEXAS.....	C-89
ENTRANCE CHANNEL (Maintenance)	
OAKLAND HARBOR, OAKLAND, CALIFORNIA.....	C-94
OAKLAND HARBOR O&M (Maintenance)	
RICHMOND, CALIFORNIA.....	C-98
RICHMOND INNER HARBOR (Maintenance)	
EUREKA, CALIFORNIA.....	C-102
HUMBOLDT HARBOR BAR AND ENTRANCE CHANNEL (Maintenance)	
EUREKA, CALIFORNIA.....	C-104
HUMBOLDT HARBOR INTERIOR CHANNELS (Maintenance)	
BROOKINGS OREGON.....	C-108
CHETCO RIVER (Maintenance)	

GOLD BEACH OREGON.....	C-113
ROGUE RIVER (Maintenance)	
COOS BAY OREGON .....	C-115
COOS BAY (Maintenance)	
BANDON OREGON .....	C-117
COQUILLE RIVER (Maintenance)	
REEDSPORT .....	C-121
UMPQUA RIVER (Maintenance)	
FLORENCE OREGON.....	C-125
SIUSLAW RIVER (Maintenance)	
NEWPORT OREGON .....	C-129
YAQUINA BAY (Maintenance)	
MOUTH OF THE COLUMBIA RIVER .....	C-131
MOUTH OF THE COLUMBIA RIVER (MCR) (Maintenance)	
ALASKA.....	C-133
NOME SMALL BOAT HARBOR (Maintenance)	

<u>Permitted Project Name</u>	<u>Page</u>
PASSENGER SHIP TERMINAL..... HUDSON RIVER	P-1
REFINED SUGARS ..... HUDSON RIVER	P-3
IMTT BAYONNE..... KILL VAN KULL	P-5
DAVID MCCUE..... MANCHESTER HARBOR, MANCHESTER, MA	P-8
CITY OF QUINCY, MA..... QUINCY BAY, WOLLASTON & SQUANTUM YACHT CLUBS	P-12
MADDEM/ TOWN OF HULL, MA ..... NANTASKET PIER, WEIR RIVER	P-14
MERRILL INDUSTRIES ..... FORE RIVER, PORTLAND, ME	P-16
TOWN OF HULL, MA ..... PEMBERTON PIER, HULL BAY	P-20
NORTHEAST PETROLEUM, CARGILL ENERGY ..... FORE RIVER, SOUTH PORTLAND, ME	P-23
TOWN OF MANCHESTER, MA ..... MANCHESTER HARBOR	P-27
MASS HIGHWAY DEPARTMENT ..... FORT POINT CHANNEL, BOSTON, MA	P-31
SMP TRUST ..... CHELSEA CREEK, CHELSEA, MA	P-33
SOUTH CAROLINA STATE PORTS AUTHORITY ..... WANDO WELCH TERMINAL	P-37
MILITARY OCEAN TERMINAL, SUNNY POINT (MOTSU) ..... MILITARY OCEAN TERMINAL, SOUTHPORT, NC	P-40
U.S. NAVY ..... SAN DIEGO BAY (PIER 700A PROJECT) CONTINUED FROM YR. 2000	P-42

SUNSET HARBOR MAINTENANCE DREDGING PROJECT .....	P-44
SUNSET BAY, ORANGE COUNTY, CA	
U.S. NAVY .....	P-46
ARCO DRY DOCK FACILITY, POINT LOMA, SAN DIEGO CTY, CA	
US COAST GUARD.....	P-49
CORONA DEL MAR	
CITY OF NEWPORT BEACH.....	P-51
720 W. BAY AVE (NEWPORT YACHT CLUB) LOWER NEWPORT BAY, ORANG	
CITY OF NEWPORT BEACH.....	P-53
328-336 BUENA VISTA BOULEVARD, LOWER NEWPORT BAY, ORANGE CITY	
CITY OF NEWPORT BEACH.....	P-55
929/933 VIA LIDO SOUND, LOWER NEWPORT BAY, ORANGE CITY	
CITY OF NEWPORT BEACH.....	P-57
101 VIA LIDO SOUND, LOWER NEWPORT BEACH, ORANGE CITY	
CITY OF NEWPORT BEACH.....	P-59
1913 E. BAY AVE, LOWER NEWPORT BAY, ORANGE CTY, CA	

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2647]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. RED HOOK FLATS ANCHORAGE  
 #62 NEW YORK HARBOR, N.Y. (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 542,100
7. Expected frequency of dumping (for reporting period):
  - a. 3 / DAY
  - b. Actual start: 10/08/01
  - c. Actual completion: 11/28/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.0000000	0	0.000000	0.000000	13.000000
MERCURY	3	0.0000000	0	0.000000	0.000000	1.220000
CADMIUM	3	0.0000000	0	0.000000	0.000000	1.070000
LEAD	3	0.0000000	0	0.000000	0.000000	112.000000
CHROMIUM	3	0.0000000	0	0.000000	0.000000	96.900000
COPPER	3	0.0000000	0	0.000000	0.000000	94.300000
NICKEL	3	0.0000000	0	0.000000	0.000000	34.600000
ZINC	3	0.0000000	0	0.000000	0.000000	205.000000
SILVER	3	0.0000000	0	0.000000	0.000000	4.060000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	6	0.0000000	0	0.000000	0.000000	54.600000
% SAND	6	0.0000000	0	0.000000	0.000000	14.900000
% SILT	6	0.0000000	0	0.000000	0.000000	50.700000
% CLAY	6	0.0000000	0	0.000000	0.000000	34.500000

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
MERCURY	1	0.0000000	0	0.000000	0.000000	0.000007
CADMIUM	1	0.0000000	0	0.000000	0.000000	0.000011
LEAD	1	0.0000000	0	0.000000	0.000000	0.000900
CHROMIUM	1	0.0000000	0	0.000000	0.000000	0.000581
COPPER	1	0.0000000	0	0.000000	0.000000	0.000080
NICKEL	1	0.0000000	0	0.000000	0.000000	0.000170
ZINC	1	0.0000000	0	0.000000	0.000000	0.000130
SILVER	1	0.0000000	0	0.000000	0.000000	0.000050

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No. 71

Site Name: BRUNSWICK HARBOR

Geographical position: (NAD 1927)

31E02'35.0" N 081E17'40.0" W 31E02'35.0" N 081E16'30.0" W  
31E00'30.0" N 081E16'30.0" W 31E00'30.0" N 081E17'42.0" W

Depth(ft): Low Depth- 30 High Depth- 37

Nearest Distance from shore (nm): 6.6

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to suitable dredged material from the greater Brunswick, Georgia, vicinity.

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

*Menidia berylina*

*Mysidopsis bahia*

*Mytilus edilus*

16. Bioassay Solid Phase Information (Organisms Tested):

*Ampelisca abdita*

*Mysidopsis bahia*

17. Bioassay Bioaccumulation Information (Organisms Tested):

*Nereis virens*

*Macoma nasuta*

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2648]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. #63 RARITAN BAY - PERTH AMBOY ANCH. REACH  
 NEW YORK & NEW JERSEY CHANNELS (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 552,900
7. Expected frequency of dumping (for reporting period):
  - a. 3 / DAY
  - b. Actual start: 02/17/01
  - c. Actual completion: 11/09/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.0000000	0	0.000000	0.000000	32.600000
MERCURY	3	0.0000000	0	0.000000	0.000000	2.210000
CADMIUM	3	0.0000000	0	0.000000	0.000000	1.380000
LEAD	3	0.0000000	0	0.000000	0.000000	183.000000
CHROMIUM	3	0.0000000	0	0.000000	0.000000	142.000000
COPPER	3	0.0000000	0	0.000000	0.000000	181.000000
NICKEL	3	0.0000000	0	0.000000	0.000000	44.300000
ZINC	3	0.0000000	0	0.000000	0.000000	325.000000
SILVER	3	0.0000000	0	0.000000	0.000000	4.570000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	3	0.0000000	0	0.000000	0.000000	63.500000
% SAND	3	0.0000000	0	0.000000	0.000000	3.530000
% SILT	3	0.0000000	0	0.000000	0.000000	40.120000
% CLAY	3	0.0000000	0	0.000000	0.000000	56.350000

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
MERCURY	1	0.0000000	0	0.000000	0.000000	0.000060
CADMIUM	1	0.0000000	0	0.000000	0.000000	0.000020
LEAD	1	0.0000000	0	0.000000	0.000000	0.000541
CHROMIUM	1	0.0000000	0	0.000000	0.000000	0.000393
COPPER	1	0.0000000	0	0.000000	0.000000	0.000312
NICKEL	1	0.0000000	0	0.000000	0.000000	0.000244
ZINC	1	0.0000000	0	0.000000	0.000000	0.000494
SILVER	1	0.0000000	0	0.000000	0.000000	0.000100

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.204

Site Name: HISTORIC AREA REMEDIATION SITE (HARS)

Geographical position: (NAD 1983)

40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W

40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W

40E21'52. " N 073E53'55. " W

Depth(ft): Low Depth- 39 High Depth- 160

Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W L - 40 25'22", 73 50'44"

B - 40 25'23", 73 53'34"	M - 40 25'39", 73 48'58"
C - 40 25'39", 73 51'48"	N - 40 25'22", 73 49'19"
D - 40 25'22", 73 52'08"	O - 40 21'35", 73 49'19"
E - 40 23'48", 73 51'48"	P - 40 21'19", 73 48'57"
F - 40 23'13", 73 52'09"	Q - 40 21'36", 73 52'08"
G - 40 23'13", 73 51'28"	R - 40 21'19", 73 52'30"
H - 40 22'41", 73 51'28"	S - 40 21'52", 73 53'55"
I - 40 22'41", 73 50'43"	T - 40 22'08", 73 52'08"
J - 40 23'48", 73 51'06"	U - 40 22'08", 73 53'34"
K - 40 25'39", 73 51'06"	V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

Menidia menidia

Mysidopsis bahia

Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita

Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):

Nereis virens

Macoma nasuta

18. General Comments

.

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2649]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. #63 RARITAN BAY - WARDS POINT BEND REACH  
 NEW YORK & NEW JERSEY CHANNELS (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 107,300
7. Expected frequency of dumping (for reporting period):
  - a. 3 / DAY
  - b. Actual start: 02/17/01
  - c. Actual completion: 11/09/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.0000000	0	0.000000	0.000000	29.900000
MERCURY	3	0.0000000	0	0.000000	0.000000	1.970000
CADMIUM	3	0.0000000	0	0.000000	0.000000	128.000000
LEAD	3	0.0000000	0	0.000000	0.000000	173.000000
CHROMIUM	3	0.0000000	0	0.000000	0.000000	162.000000
COPPER	3	0.0000000	0	0.000000	0.000000	435.000000
NICKEL	3	0.0000000	0	0.000000	0.000000	435.000000
ZINC	3	0.0000000	0	0.000000	0.000000	316.000000
SILVER	3	0.0000000	0	0.000000	0.000000	4.210000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	3	0.0000000	0	0.000000	0.000000	63.070000
% SAND	3	0.0000000	0	0.000000	0.000000	2.810000
% SILT	3	0.0000000	0	0.000000	0.000000	41.130000
% CLAY	3	0.0000000	0	0.000000	0.000000	56.060000

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
MERCURY	1	0.0000000	0	0.000000	0.000000	0.000080
CADMIUM	1	0.0000000	0	0.000000	0.000000	0.000020
LEAD	1	0.0000000	0	0.000000	0.000000	0.000607
CHROMIUM	1	0.0000000	0	0.000000	0.000000	0.000439
COPPER	1	0.0000000	0	0.000000	0.000000	0.000349
NICKEL	1	0.0000000	0	0.000000	0.000000	0.000252
ZINC	1	0.0000000	0	0.000000	0.000000	0.000688
SILVER	1	0.0000000	0	0.000000	0.000000	0.000110

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.204

Site Name: HISTORIC AREA REMEDIATION SITE (HARS)

Geographical position: (NAD 1983)

40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W

40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W

40E21'52. " N 073E53'55. " W

Depth(ft): Low Depth- 39 High Depth- 160

Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W L - 40 25'22", 73 50'44"

B - 40 25'23", 73 53'34"	M - 40 25'39", 73 48'58"
C - 40 25'39", 73 51'48"	N - 40 25'22", 73 49'19"
D - 40 25'22", 73 52'08"	O - 40 21'35", 73 49'19"
E - 40 23'48", 73 51'48"	P - 40 21'19", 73 48'57"
F - 40 23'13", 73 52'09"	Q - 40 21'36", 73 52'08"
G - 40 23'13", 73 51'28"	R - 40 21'19", 73 52'30"
H - 40 22'41", 73 51'28"	S - 40 21'52", 73 53'55"
I - 40 22'41", 73 50'43"	T - 40 22'08", 73 52'08"
J - 40 23'48", 73 51'06"	U - 40 22'08", 73 53'34"
K - 40 25'39", 73 51'06"	V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

Menidia menidia

Mysidopsis bahia

Mytilus edulis

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita

Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):

Nereis virens

Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2650]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. #63 KILL VAN KULL - AREA 1  
NEW YORK & NEW JERSEY CHANNEL (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 491,600
7. Expected frequency of dumping (for reporting period):
  - a. 3 / DAY
  - b. Actual start: 01/01/01
  - c. Actual completion: 06/01/01
8. Composition of the dredged material.

Data for this project was also reported in 2000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.204  
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)  
Geographical position: (NAD 1983)

40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W  
40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W  
40E21'52. " N 073E53'55. " W  
Depth(ft): Low Depth- 39 High Depth- 160  
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W	L - 40 25'22", 73 50'44"
B - 40 25'23", 73 53'34"	M - 40 25'39", 73 48'58"
C - 40 25'39", 73 51'48"	N - 40 25'22", 73 49'19"
D - 40 25'22", 73 52'08"	O - 40 21'35", 73 49'19"
E - 40 23'48", 73 51'48"	P - 40 21'19", 73 48'57"
F - 40 23'13", 73 52'09"	Q - 40 21'36", 73 52'08"
G - 40 23'13", 73 51'28"	R - 40 21'19", 73 52'30"
H - 40 22'41", 73 51'28"	S - 40 21'52", 73 53'55"
I - 40 22'41", 73 50'43"	T - 40 22'08", 73 52'08"
J - 40 23'48", 73 51'06"	U - 40 22'08", 73 53'34"
K - 40 25'39", 73 51'06"	V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

Menidia berylina

Mysidopsis bahia

Mytilus edulis

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita

Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):

Nereis virens

Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2651]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. #63 KILL VAN KULL / AREA - 3  
NEW YORK & NEW JERSEY CHANNELS (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 607,500
7. Expected frequency of dumping (for reporting period):
  - a. 3 - 6 /DAY
  - b. Actual start: 11/17/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 2001

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.204

Site Name: HISTORIC AREA REMEDIATION SITE (HARS)

Geographical position: (NAD 1983)

40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W

40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W

40E21'52. " N 073E53'55. " W

Depth(ft): Low Depth- 39 High Depth- 160

Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W L - 40 25'22", 73 50'44"

B - 40 25'23", 73 53'34" M - 40 25'39", 73 48'58"

C - 40 25'39", 73 51'48" N - 40 25'22", 73 49'19"

D - 40 25'22", 73 52'08" O - 40 21'35", 73 49'19"

E - 40 23'48", 73 51'48" P - 40 21'19", 73 48'57"

F - 40 23'13", 73 52'09" Q - 40 21'36", 73 52'08"

G - 40 23'13", 73 51'28" R - 40 21'19", 73 52'30"

H - 40 22'41", 73 51'28" S - 40 21'52", 73 53'55"

I - 40 22'41", 73 50'43" T - 40 22'08", 73 52'08"

J - 40 23'48", 73 51'06" U - 40 22'08", 73 53'34"

K - 40 25'39", 73 51'06" V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W 40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

Menidia berylina

Mysidopsis bahia

Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita

*Mysidopsis bahia*

17. Bioassay Bioaccumulation Information (Organisms Tested):

*Nereis virens*

*Macoma nasuta*

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2652]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. KILL VAN KULL / AREA - 4A  
    #63 NEW YORK & NEW JERSEY CHANNELS (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 184,600
7. Expected frequency of dumping (for reporting period):
  - a. 2 / WEEK
  - b. Actual start: 01/01/01
  - c. Actual completion: 11/15/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.999  
    Site Name: CORRECT DISPOSAL SITE NOT IN DATABASE
  
- Reference Site Location:  
    Site No: 170  
    Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL
14. Disposal Site Management:  
    No disposal management was performed  
    No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

All of the material from this part of the KVK project is rock material. This material was disposed at an artificial reef. No testing is required.

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2653]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. KILL VAN KULL / AREA - 7  
#63 NEW YORK & NEW JERSEY CHANNELS (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 363,700
7. Expected frequency of dumping (for reporting period):
  - a. 2 / DAY
  - b. Actual start: 08/14/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.204  
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)  
Geographical position: (NAD 1983)  
  
40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W  
40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W  
40E21'52. " N 073E53'55. " W  
Depth(ft): Low Depth- 39 High Depth- 160  
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W	L - 40 25'22", 73 50'44"
B - 40 25'23", 73 53'34"	M - 40 25'39", 73 48'58"
C - 40 25'39", 73 51'48"	N - 40 25'22", 73 49'19"
D - 40 25'22", 73 52'08"	O - 40 21'35", 73 49'19"
E - 40 23'48", 73 51'48"	P - 40 21'19", 73 48'57"
F - 40 23'13", 73 52'09"	Q - 40 21'36", 73 52'08"
G - 40 23'13", 73 51'28"	R - 40 21'19", 73 52'30"
H - 40 22'41", 73 51'28"	S - 40 21'52", 73 53'55"
I - 40 22'41", 73 50'43"	T - 40 22'08", 73 52'08"
J - 40 23'48", 73 51'06"	U - 40 22'08", 73 53'34"
K - 40 25'39", 73 51'06"	V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

The material from this part of the KVK project is pleistocene red clay. This material was previously tested under another project.

Due to the nature of this material, it requires no further testing.

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2654]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. AMBROSE CHANNEL / ROCK PILE  
#62 NEW YORK HARBOR, N.Y. (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 302,800
7. Expected frequency of dumping (for reporting period):
  - a. 3 - 4 /DAY
  - b. Actual start: 07/27/01
  - c. Actual completion: 12/17/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.999  
Site Name: CORRECT DISPOSAL SITE NOT IN DATABASE

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

The material from this project is rock material. This rock was placed at an artificial reef. No testing is required.

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2643]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CHELSEA RIVER, CHELSEA & EVERETT, MA  
COE BOSTON HARBOR (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 30,900
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: / /
  - c. Actual completion: / /

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 1999

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which

meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:

Site No: 167

Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Site Monitoring was performed

Bathymetry Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

1998-c0008.

Total volume may include sediment dredged as part of the McArdle Bridge or SMP Trust projects.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAB [DS= 2589]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CHESAPEAKE BAY, VIRGINIA  
BALTIMORE HARBOR CHANNELS (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,159,200
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 09/17/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.  
NO CHEMICAL DATA EXISTS FOR THIS PROJECT
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.218  
Site Name: DAM NECK  
Geographical position: (NAD 1927)  
  
36E51'24.1" N 075E54'41.4" W 36E51'24.1" N 075E53'02.9" W  
36E46'27.4" N 075E51'39.2" W 36E46'27.5" N 075E54'19.0" W  
36E50'05.0" N 075E54'19.0" W  
Depth(ft): Low Depth- 30 High Depth- 40  
Nearest Distance from shore (nm): 3.3

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the mouth of Chesapeake Bay.

Used by both NAO (record #85) and NAB (record #218).

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Data entered by Betty Grey Waring (NAO).

19. Point of Contact: ROBERT BLAMA 410-962-6068

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAP [DS= 2588]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. NEW JERSEY  
    BARNEGAT INLET (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 162,000
7. Expected frequency of dumping (for reporting period):
  - a. DYCNOTES
  - b. Actual start: 04/14/01
  - c. Actual completion: 05/11/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.210  
    Site Name: BARNEGAT INLET  
    Geographical position: (NAD 1983)  
  
    39E45'08.7" N 74 E05'22.6" W 0EE'0' ." N 0E0E0"" ." W  
    0EE'0' ." N 0E0E0"" ." W 0EE'0' ." N 0E0E0"" ." W  
    0EE'0' ." N 0E0E0"" ." W  
    Depth(ft): Low Depth- 25 High Depth- 40  
    Nearest Distance from shore (nm): 1.0

General Comments About The Disposal Site  
Updated by Greg Wacik, February 2000

Reference Site Location:

Site No: 121

Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Two periods of daily dredging occurred. 14 April - 11 May  
(89,520cy) and 26 July - 1 September (122,390 cy)

19. Point of Contact: GREGORY WACIK 215-656-6561

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAC [DS= 2603]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CHARLESTON, SOUTH CAROLINA  
CHARLESTON HARBOR DEEPENING/WIDENING (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE  
DUMP SCOW OR BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 8,583,200
7. Expected frequency of dumping (for reporting period):
  - a. CONTINUOUS
  - b. Actual start: 01/01/01
  - c. Actual completion: 09/30/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE  
DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.171  
Site Name: CHARLESTON, SC HARBOR DEEPENING PROJECT ODMDS SITE  
Geographical position: (NAD 1927)  
  
32E38'06.0" N 079E41'57.0" W 32E40'42.0" N 079E47'30.0" W  
32E39'04.0" N 079E49'21.0" W 32E36'28.0" N 079E43'48.0" W  
  
Depth(ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Also called: CHARLESTON-COLUMBUS TURNING BASIN NEW WORK - 1989

All material is now placed east of a line from 32 deg. 39' 04" N, 79 deg. 44' 25" W and 32 deg. 37' 24" N, 79 deg. 45' 30" W. as per Robin Collier-Socha (5/2000)

This site includes the old Charleston Disposal site.

Restriction: Disposal shall be limited to dredged material from the Charleston Harbor area. All dredged materials, except entrance channel materials, shall be limited to that part of the site east of the line between coordinates 32 deg.39'04" N, 79 deg.44'25" W and 32 deg.37'24" N, 79 deg.45'30" W unless the material can be shown by sufficient testing to contain 10% or less of fine material (grain size of less than 0.074 mm) by weight and shown to be suitable for ocean disposal. Additionally, all disposals shall be in accordance with all provisions of material placement as specified by the Site Management Plan.

Reference Site Location:

NO REFERENCE SITE HAS BEEN ENTERED

14. Disposal Site Management:

- Seasonal restrictions were enforced
- Selective Disposal was used
- Site Monitoring was performed
- Bathymetry Monitoring was performed
- Chemical Monitoring was performed
- Physical Monitoring was performed
- Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

The project actually began in 2000. Data for 2000 was input last year. The project paused from 9/01 until 2/02 when it started back up. All data input now if for the 2001 dredging.

The material was clumped sometimes and slurry sometimes, depends on whether they were using a clam shell (inner harbor) or hopper (entrance channel). Quantities are about 1/2 & 1/2.

This was mostly new work, but some maintenance was included.

Disposal site coordinates are:

32.65663 N/ 79.75716 W

32.64257 N/ 79.72733 W

32.61733 N/ 79.74381 W

32.63142 N/ 79.77367 W

Data was input last year for this project. No additional data was collected for the project, so no reference area was needed for this year.

The reference site monitoring has been on-going for a couple of years now. The SC Dept. of Natural Resources does benthic infaunal surveying, sediment collection and testing. Other folks hired by SCDNR do side scan sonar and other work. Diving on the disposal area to observe the dumps has also been done. EPA provides the vessel usually and also has had sediments collected and tested. The Corps provides lots of funding for this work and conducts bathymetric surveys, we are still working on the last one. The work is continuously on-going so I cannot provide specific dates. Suffice to say this is probably one of the most monitored and closely watched sites in the Corps due to the presence of live bottoms to the west and southwest of the ODMDS.

The hard clays that are cohesive/clumped were placed around the inside boundary of the site to act as a barrier preventing the fine grained material, which is placed in the interior of the site, from leaving the site.

19. Point of Contact: ROBIN COLLER-SOCHA 843-329-8167

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2604]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 203,700
7. Expected frequency of dumping (for reporting period):
  - a. 13L/D,7D/W
  - b. Actual start: 03/13/01
  - c. Actual completion: 03/29/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 196

Site Name: WHREF

Geographical position (NAD 1927)

33E46'52.7" N 078E03'26.5" W 33E46'26.2"N 078E02'53.6" W  
33E45'47.0" N 078E03'37.3" W 33E46'14.4"N 078E04'11.3" W  
0E0'0" N 0E0'0" W

Depth (ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site  
added by Jenny Owens, 10/23/1997

14. Disposal Site Management:

No disposal management was performed  
Site Monitoring was performed  
Bathymetry Monitoring was performed  
Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Bayport performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2606]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 827,000
7. Expected frequency of dumping (for reporting period):
  - a. 8L/D,7D/WK
  - b. Actual start: 01/01/01
  - c. Actual completion: 03/06/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 196

Site Name: WHREF

Geographical position (NAD 1927)

33E46'52.7" N 078E03'26.5" W    33E46'26.2"N 078E02'53.6" W  
33E45'47.0" N 078E03'37.3" W    33E46'14.4"N 078E04'11.3" W  
0E0'0"    N 0E0'0"    W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site

added by Jenny Owens, 10/23/1997

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Manhattan Island performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2607]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,740,700
7. Expected frequency of dumping (for reporting period):
  - a. 14L/D,7D/W
  - b. Actual start: 01/01/01
  - c. Actual completion: 03/15/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site  
Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 196

Site Name: WHREF

Geographical position (NAD 1927)

33E46'52.7" N 078E03'26.5" W    33E46'26.2"N 078E02'53.6" W  
33E45'47.0" N 078E03'37.3" W    33E46'14.4"N 078E04'11.3" W  
0E0'0"    N 0E0'0"    W

Depth (ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site  
added by Jenny Owens, 10/23/1997

14. Disposal Site Management:

No disposal management was performed  
Site Monitoring was performed  
Bathymetry Monitoring was performed  
Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Padre Island performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2608]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 319,600
7. Expected frequency of dumping (for reporting period):
  - a. 16L/D,7D/W
  - b. Actual start: 01/21/01
  - c. Actual completion: 03/08/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 196

Site Name: WHREF

Geographical position (NAD 1927)

33E46'52.7" N 078E03'26.5" W 33E46'26.2"N 078E02'53.6" W  
33E45'47.0" N 078E03'37.3" W 33E46'14.4"N 078E04'11.3" W  
0E0'0" N 0E0'0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site

added by Jenny Owens, 10/23/1997

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Northerly Island performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2609]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
    CLUMPED or COHESIVE
6. Total quantity (cubic meters): 190,400
7. Expected frequency of dumping (for reporting period):
  - a. 2L/D,7D/WK
  - b. Actual start: 01/01/01
  - c. Actual completion: 02/18/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge New York performed this work and utilized scows:  
Lemmerhirt, Ranger and Atlantic Dawn.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2610]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
    CLUMPED or COHESIVE
6. Total quantity (cubic meters):    81,500
7. Expected frequency of dumping (for reporting period):
  - a. 2L/D,7D/WK
  - b. Actual start: 01/24/01
  - c. Actual completion: 02/04/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge "Texas" performed this work and utilized scows:  
"Lemmerhirt," "Thomas," "Colnon" and "Ranger."

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2611]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters):    32,800
7. Expected frequency of dumping (for reporting period):
  - a. 2L/D,7D/WK
  - b. Actual start: 04/02/01
  - c. Actual completion: 04/07/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site  
Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Stuyvesant performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2612]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 359,200
7. Expected frequency of dumping (for reporting period):
  - a. 13L/D,7D/W
  - b. Actual start: 03/11/01
  - c. Actual completion: 03/28/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.  
This site is inside the boundaries of the old Wilmington Harbor  
Interim site.  
Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Eagle I performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2613]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 388,200
7. Expected frequency of dumping (for reporting period):
  - a. 8L/D,7D/WK
  - b. Actual start: 02/25/01
  - c. Actual completion: 04/30/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Dodge Island performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2614]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 986,400
7. Expected frequency of dumping (for reporting period):
  - a. 3L/D,7D/WK
  - b. Actual start: 09/07/01
  - c. Actual completion: 12/30/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site  
Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Texas performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2615]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WILMINGTON, NC  
    WILMINGTON HARBOR (New Work)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 536,700
7. Expected frequency of dumping (for reporting period):
  - a. 11L/D,7D/W
  - b. Actual start: 11/22/01
  - c. Actual completion: 12/08/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
    Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.165  
    Site Name: WILMINGTON HARBOR 1985 -  
    Geographical position: (NAD 1927)  
  
    33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
    33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W  
  
    Depth(ft): Low Depth- 43 High Depth- 0  
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site  
Restriction: Disposal shall be limited to the dredged material

from Wilmington Harbor area.  
This site is inside the boundaries of the old Wilmington Harbor  
Interim site.  
Final Designation 08/03/1987

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Dredge Eagle I performed this work.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAS [DS= 2581]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. GLYNN CO., GA  
BRUNSWICK HARBOR (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,115,700
7. Expected frequency of dumping (for reporting period):
  - a. 12.6 LDS/D
  - b. Actual start: 02/04/01
  - c. Actual completion: 03/04/01

## 8. Composition of the dredged material.

### Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

#### Sediment Chemical Characteristics

##### METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	2	0.000000	2	2.000000	4.300000	2.150000
ANTIMONY	2	0.500000	0	0.000000	0.000000	0.000000
BERYLLIUM	2	0.500000	0	0.000000	0.000000	0.000000
MERCURY	2	0.020000	1	0.000000	0.038000	0.000000
CADMIUM	2	0.300000	0	0.000000	0.000000	0.000000
LEAD	2	0.000000	2	1.200000	5.700000	3.450000
CHROMIUM	2	0.000000	2	3.500000	17.000000	10.250000
MANGANESE	2	0.000000	2	55.000000	110.000000	82.500000
COPPER	2	0.000000	2	1.200000	4.200000	2.700000
NICKEL	2	1.500000	1	0.000000	4.400000	0.000000
IRON	2	0.000000	2	2000.000000	10000.000000	6000.000000
ZINC	2	0.000000	2	3.700000	21.000000	0.000000
SELENIUM	2	1.000000	0	0.000000	0.000000	0.000000
SILVER	2	0.100000	0	0.000000	0.000000	0.000000
THALLIUM	2	0.000000	2	0.240000	0.450000	0.000000
CYANIDE	2	1.000000	0	0.000000	0.000000	0.000000

##### PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	2	3.000000	0	0.000000	0.000000	0.000000
DIELDRIN	2	5.900000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	2	3.000000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	2	5.900000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	2	5.900000	0	0.000000	0.000000	0.000000
DDD	2	5.900000	0	0.000000	0.000000	0.000000
DDE	2	5.900000	0	0.000000	0.000000	0.000000
DDT	2	5.900000	0	0.000000	0.000000	0.000000
ENDRIN	2	5.900000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	2	5.900000	0	0.000000	0.000000	0.000000
HEPTACHLOR	2	3.000000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	2	3.000000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	2	3.000000	0	0.000000	0.000000	0.000000
BETA-LINDANE	2	3.000000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	2	3.000000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	2	3.000000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	2	30.000000	0	0.000000	0.000000	0.000000
MIREX	2	33.000000	0	0.000000	0.000000	0.000000
TOXAPHENE	2	30.000000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	2	59.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	2	59.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	2	59.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	2	59.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	2	59.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	2	59.0000000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	2	12.0000000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	2	13.0000000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	2	12.0000000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	2	12.0000000	0	0.000000	0.000000	0.000000
CHRYSENE	2	12.0000000	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	2	12.0000000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	2	12.0000000	0	0.000000	0.000000	0.000000
FLUORANTHENE	2	8.3000000	1	0.000000	14.000000	0.000000
BENZO (GHI) PERYLENE	2	12.0000000	0	0.000000	0.000000	0.000000
FLUORENE	2	12.0000000	0	0.000000	0.000000	0.000000
PYRENE	2	12.0000000	2	24.000000	25.000000	24.500000
ANTHRACENE	2	12.0000000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	2	12.0000000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	2	12.0000000	0	0.000000	0.000000	0.000000
PHENANTHRENE	2	12.0000000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	2	12.0000000	0	0.000000	0.000000	0.000000

DIOXINS (ng/KG or pptr)

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2, 3, 7, 8 TCDD	2	0.2000000	0	0.000000	0.000000	0.000000
1, 2, 3, 7, 8 PeCDD	2	0.6500000	0	0.000000	0.000000	0.000000
1, 2, 3, 4, 7, 8 HxCDD	2	0.6400000	1	3.800000	0.000000	0.000000
1, 2, 3, 6, 7, 8 HxCDD	2	0.9400000	0	0.000000	0.000000	0.000000
1, 2, 3, 7, 8, 9 HxCDD	2	1.7000000	0	0.000000	0.000000	0.000000
TOTAL 2, 3, 7, 8 HxCDD	2	0.0000000	2	14.000000	77.000000	45.500000
1, 2, 3, 4, 6, 7, 8 HpCDD	2	0.0000000	2	6.500000	39.000000	22.700000
OCDD	2	0.0000000	2	66.000000	430.000000	248.000000

FURANS (ng/KG or pptr)

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2, 3, 7, 8 TCDF	2	0.0830000	1	0.000000	1.000000	0.000000
1, 2, 3, 7, 8 PeCDF	2	0.4700000	0	0.000000	0.000000	0.000000
2, 3, 4, 7, 8 PeCDF	2	0.3700000	0	0.000000	0.000000	0.000000
TOTAL 2, 3, 7, 8 PeCDF	2	2.0000000	0	0.000000	0.000000	0.000000
1, 2, 3, 4, 7, 8 HxCDF	2	0.8800000	0	0.000000	0.000000	0.000000
1, 2, 3, 6, 7, 8 HxCDF	2	0.2800000	0	0.000000	0.000000	0.000000
1, 2, 3, 7, 8, 9 HxCDF	2	0.1300000	0	0.000000	0.000000	0.000000
2, 3, 4, 6, 7, 8 HxCDF	2	0.5400000	0	0.000000	0.000000	0.000000
TOTAL 2, 3, 7, 8 HxCDF	2	2.4000000	0	0.000000	0.000000	0.000000
1, 2, 3, 4, 6, 7, 8 HpCDF	2	0.3400000	1	2.500000	0.000000	0.000000

1,2,3,4,7,8,9 HpCDF	2	0.2200000	0	0.000000	0.000000	0.000000
TOTAL 2,3,7,8 HpCDF	2	0.3400000	1	5.000000	0.000000	0.000000
OCDF	3	0.0000000	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYL TIN	2	0.0046000	0	0.000000	0.000000	0.000000
DIBUTYL TIN	2	0.0041000	0	0.000000	0.000000	0.000000
MONOBUTYL TIN	2	0.0032000	0	0.000000	0.000000	0.000000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	2	0.0000000	2	7.600000	8.800000	8.200000
% MOISTURE	2	0.0000000	2	20.910000	45.420000	33.200000
TOTAL PHOSPHATE	2	0.0000000	2	480.000000	700.000000	590.000000
OIL + GREASE	2	10.0000000	0	0.000000	0.000000	0.000000
TOTAL ORGANIC CARBON	2	0.0000000	2	1.500000	2.400000	1.950000
NITRATE	2	5.0000000	0	0.000000	0.000000	0.000000
TOTAL SULFIDES	2	25.0000000	0	0.000000	0.000000	0.000000
% SAND	2	0.0000000	2	65.900000	95.000000	80.500000
% SILT	2	0.0000000	2	0.900000	10.800000	5.900000
% CLAY	2	0.0000000	2	3.900000	22.300000	13.100000

## Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

### Elutriate Test Chemical Data

## METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	2	0.0000000	2	0.002600	0.009500	0.006050
ANTIMONY	2	0.0000000	2	0.009800	0.011000	0.000000
BERYLLIUM	2	0.0002000	0	0.000000	0.000000	0.000000
MERCURY	2	0.0002000	0	0.000000	0.000000	0.000000
CADMIUM	2	0.0011000	0	0.000000	0.000000	0.000000
LEAD	2	0.0032000	0	0.000000	0.000000	0.000000
CHROMIUM	2	0.0015000	0	0.000000	0.000000	0.000000
MANGANESE	2	0.0000000	2	0.500000	0.890000	0.695000
COPPER	2	0.0001000	0	0.000000	0.000000	0.000000
NICKEL	2	0.0035000	0	0.000000	0.000000	0.000000
IRON	2	0.0000000	2	0.430000	0.560000	0.495000
ZINC	2	0.0000000	2	0.002900	0.003000	0.002950
SELENIUM	2	0.0010000	0	0.000000	0.000000	0.000000
SILVER	2	0.0050000	0	0.000000	0.000000	0.000000
THALLIUM	2	0.0200000	0	0.000000	0.000000	0.000000
CYANIDE	2	0.0050000	0	0.000000	0.000000	0.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	2	0.0000500	0	0.000000	0.000000	0.000000
CHLORDANE	2	0.0000500	0	0.000000	0.000000	0.000000
ALPHA-CHLORDANE	2	0.0000200	0	0.000000	0.000000	0.000000
BETA-CHLORDANE	2	0.0000500	0	0.000000	0.000000	0.000000
DIELDRIN	2	0.0001000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	2	0.0001000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	2	0.0001000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	2	0.0001000	0	0.000000	0.000000	0.000000
DDD	2	0.0001000	0	0.000000	0.000000	0.000000
DDE	2	0.0001000	0	0.000000	0.000000	0.000000
DDT	2	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN	2	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	2	0.0001000	0	0.000000	0.000000	0.000000
HEPTACHLOR	2	0.0000500	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	2	0.0000500	0	0.000000	0.000000	0.000000
BETA-LINDANE	2	0.0000500	0	0.000000	0.000000	0.000000
DELTA-LINDANE	2	0.0000500	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	2	0.0000500	0	0.000000	0.000000	0.000000
METHOXYCHLOR	2	0.0005000	0	0.000000	0.000000	0.000000
MIREX	2	0.0005000	0	0.000000	0.000000	0.000000
TOXAPHENE	2	0.0050000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	2	0.0010000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	2	0.0010000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	2	0.0002000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	2	0.0002000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	2	0.0002000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	2	0.0002000	0	0.000000	0.000000	0.000000
CHRYSENE	2	0.0002000	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	2	0.0002000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	2	0.0002000	0	0.000000	0.000000	0.000000
FLUORANTHENE	2	0.0002000	0	0.000000	0.000000	0.000000
BENZO (GHI) PERYLENE	2	0.0002000	0	0.000000	0.000000	0.000000
FLUORENE	2	0.0002000	0	0.000000	0.000000	0.000000
PYRENE	2	0.0002000	0	0.000000	0.000000	0.000000
ANTHRACENE	2	0.0002000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	2	0.0002000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	2	0.0002000	0	0.000000	0.000000	0.000000
PHENANTHRENE	2	0.0002000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	2	0.0002000	0	0.000000	0.000000	0.000000

### DIOXINS (ng/KG or pptr)

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2,3,7,8 TCDD	2	2.4000000	0	0.000000	0.000000	0.000000
1,2,3,7,8 PeCDD	2	4.1000000	0	0.000000	0.000000	0.000000
1,2,3,4,7,8 HxCDD	2	2.8000000	0	0.000000	0.000000	0.000000
1,2,3,6,7,8 HxCDD	2	2.9000000	0	0.000000	0.000000	0.000000
1,2,3,7,8,9 HxCDD	2	3.2000000	0	0.000000	0.000000	0.000000
TOTAL 2,3,7,8 HxCDD	2	7.9000000	0	0.000000	0.000000	0.000000
1,2,3,4,6,7,8 HpCDD	2	11.0000000	0	0.000000	0.000000	0.000000
OCDD	2	0.0000000	0	140.000000	290.000000	215.000000

### FURANS (ng/KG or pptr)

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2,3,7,8 TCDF	2	1.8000000	0	0.000000	0.000000	0.000000
1,2,3,7,8 PeCDF	2	2.8000000	0	0.000000	0.000000	0.000000
2,3,4,7,8 PeCDF	2	2.8000000	0	0.000000	0.000000	0.000000
TOTAL 2,3,7,8 PeCDF	2	2.8000000	0	0.000000	0.000000	0.000000
1,2,3,4,7,8 HxCDF	2	2.1000000	0	0.000000	0.000000	0.000000
1,2,3,6,7,8 HxCDF	2	2.1000000	0	0.000000	0.000000	0.000000
1,2,3,7,8,9 HxCDF	2	2.5000000	0	0.000000	0.000000	0.000000
2,3,4,6,7,8 HxCDF	2	2.3000000	0	0.000000	0.000000	0.000000
TOTAL 2,3,7,8 HxCDF	2	2.5000000	0	0.000000	0.000000	0.000000
1,2,3,4,6,7,8 HpCDF	2	2.2000000	0	0.000000	0.000000	0.000000
1,2,3,4,7,8,9 HpCDF	2	2.7000000	0	0.000000	0.000000	0.000000
TOTAL 2,3,7,8 HpCDF	2	2.7000000	0	0.000000	0.000000	0.000000
OCDF	5	0.0000000	0	0.000000	0.000000	0.000000

### TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYL TIN	2	0.0680000	0	0.000000	0.000000	0.000000
DIBUTYL TIN	2	0.0590000	0	0.000000	0.000000	0.000000
MONOBUTYL TIN	2	0.0470000	0	0.000000	0.000000	0.000000

### CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	2	0.0000000	2	0.290000	0.560000	0.425000
TOTAL KJELDAHL NITROGEN	2	0.0000000	2	0.740000	0.970000	0.000000
PHOSPHOROUS	2	0.1000000	1	0.000000	0.130000	0.000000
OIL + GREASE	2	10.0000000	0	0.000000	0.000000	0.000000
TOTAL ORGANIC CARBON	2	0.0000000	2	0.000250	0.000280	0.000265
NITRATE	2	0.0500000	0	0.000000	0.000000	0.000000
% TOTAL SOLIDS	2	0.0000000	2	26.000000	34.000000	30.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:  
Site No. 71  
Site Name: BRUNSWICK HARBOR  
Geographical position: (NAD 1927)

31E02'35.0" N 081E17'40.0" W 31E02'35.0" N 081E16'30.0" W  
31E00'30.0" N 081E16'30.0" W 31E00'30.0" N 081E17'42.0" W

Depth(ft): Low Depth- 30 High Depth- 37  
Nearest Distance from shore (nm): 6.6

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to suitable dredged material from the greater Brunswick, Georgia, vicinity.

Reference Site Location:

Site No: 121  
Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:  
No disposal management was performed  
Site Monitoring was performed  
Bathymetry Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
Crassostrea virginica  
Mysidopsis bahia  
Menidia beryllina
16. Bioassay Solid Phase Information (Organisms Tested):  
Leptocheirus plumulosus  
Mysidopsis bahia
17. Bioassay Bioaccumulation Information (Organisms Tested):  
Nereis virens  
Macoma nasuta
18. General Comments  
  
DL for toxaphene was 300ug/kgdw  
Tested for sed tetrabutyl tin, non detect .0054 DL mg/kgdw  
For elutriates, ammonia nitrogen was 0.29 and 0.56 mg/l
19. Point of Contact: STEVE CALVER 912-652-5797

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAS [DS= 2582]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CHATHAM CO., GA, JASPER CO., SC  
SAVANNAH HARBOR NAVIGATION PROJECT (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 854,700

7. Expected frequency of dumping (for reporting period):
  - a. 6.9 LDS/DY
  - b. Actual start: 12/30/00
  - c. Actual completion: 03/09/01

8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:  
Site No. 64  
Site Name: SAVANNAH  
Geographical position: (NAD 1927)

31E55'53.0" N 080E44'20.0" W 31E57'55.0" N 080E46'48.0" W  
31E57'55.0" N 080E44'20.0" W 31E55'53.0" N 080E46'48.0" W

Depth(ft): Low Depth- 26 High Depth- 37  
Nearest Distance from shore (nm): 4.5

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the Savannah Harbor area.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: STEVE CALVER 912-652-5797

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAJ [DS= 2633]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FERNADINA BEACH, FLORIDA  
KINGS BAY ENTRANCE CHANNEL (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 590,200
7. Expected frequency of dumping (for reporting period):
  - a. ONGOING
  - b. Actual start: 01/22/01
  - c. Actual completion: 02/24/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 62  
Site Name: FERNANDINA BEACH  
Geographical position: (NAD 1927)  
  
30E42'00.0" N 081E19'05.0" W 30E41'00.0" N 081E17'55.0" W  
30E42'00.0" N 081E17'55.0" W 30E41'00.0" N 081E19'05.0" W  
  
Depth(ft): Low Depth- 45 High Depth- 63  
Nearest Distance from shore (nm): 6.2

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the criteria given in the Ocean Dumping Regulations in 40 CFR part 227.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: GLENN SCHUSTER 904-232-3691

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2626]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MOBILE BAY  
MOBILE HARBOR MAINTENANCE B&B DREDGING "COLUMBIA" (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 100
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 01/01/01
  - c. Actual completion: 01/14/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.172  
Site Name: MOBILE NORTH (1987---)  
Geographical position: (NAD 1927)  
  
30E11'18.0" N 088E21'18.0" W 30E08'30.0" N 088E19'42.0" W  
30E13'00.0" N 088E08'48.0" W 30E08'30.0" N 088E05'48.0" W  
30E09'36.0" N 088E04'48.0" W  
Depth(ft): Low Depth- 20 High Depth- 58  
Nearest Distance from shore (nm): 2.0

Reference Site Location:  
Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments
19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2627]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MOBILE BAY  
MOBILE HARBOR MAINTENANCE, B&B DREDGING "COLUMBIA" (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,513,100
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 01/17/01
  - c. Actual completion: 08/19/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.172  
Site Name: MOBILE NORTH (1987---)  
Geographical position: (NAD 1927)  
  
30E11'18.0" N 088E21'18.0" W 30E08'30.0" N 088E19'42.0" W  
30E13'00.0" N 088E08'48.0" W 30E08'30.0" N 088E05'48.0" W  
30E09'36.0" N 088E04'48.0" W  
Depth(ft): Low Depth- 20 High Depth- 58  
Nearest Distance from shore (nm): 2.0

Reference Site Location:  
Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments
19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2628]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MOBILE BAY  
MOBILE HARBOR MAINTENANCE, BEAN STUYVESANT, LLC (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,344,500
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 04/14/01
  - c. Actual completion: 10/17/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.172  
Site Name: MOBILE NORTH (1987---)  
Geographical position: (NAD 1927)  
  
30E11'18.0" N 088E21'18.0" W 30E08'30.0" N 088E19'42.0" W  
30E13'00.0" N 088E08'48.0" W 30E08'30.0" N 088E05'48.0" W  
30E09'36.0" N 088E04'48.0" W  
Depth(ft): Low Depth- 20 High Depth- 58  
Nearest Distance from shore (nm): 2.0

Reference Site Location:  
Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments
19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2629]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MOBILE BAY  
MOBILE HARBOR MAINTENANCE, B&B DREDGING "COLUMBIA" (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 654,800
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 08/20/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.172  
Site Name: MOBILE NORTH (1987---)  
Geographical position: (NAD 1927)  
  
30E11'18.0" N 088E21'18.0" W 30E08'30.0" N 088E19'42.0" W  
30E13'00.0" N 088E08'48.0" W 30E08'30.0" N 088E05'48.0" W  
30E09'36.0" N 088E04'48.0" W  
Depth(ft): Low Depth- 20 High Depth- 58  
Nearest Distance from shore (nm): 2.0

Reference Site Location:  
Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments
19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2630]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. PASCAGOULA HARBOR  
PASCAGOULA HARBOR MAINTENANCE (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 2,446,600
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 01/01/01
  - c. Actual completion: 11/06/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.173  
Site Name: PASCAGOULA (1992 ---)  
Geographical position: (NAD 1927)  
  
30E12'06.0" N 088E44'30.0" W 30E11'42.0" N 088E33'24.0" W  
30E08'30.0" N 088E37'00.0" W 30E08'18.0" N 088E41'54.0" W  
  
Depth(ft): Low Depth- 39 High Depth- 53  
Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to suitable material from the Mississippi Sound and vicinity.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAM [DS= 2631]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. PASCAGOULA HARBOR  
    BAYOU CASSOTTE EXTENSION (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 225,400
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 01/01/01
  - c. Actual completion: 05/29/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.173  
    Site Name: PASCAGOULA (1992 ---)  
    Geographical position: (NAD 1927)  
  
    30E12'06.0" N 088E44'30.0" W 30E11'42.0" N 088E33'24.0" W  
    30E08'30.0" N 088E37'00.0" W 30E08'18.0" N 088E41'54.0" W  
  
    Depth(ft): Low Depth- 39 High Depth- 53  
    Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to suitable material from the Mississippi Sound and vicinity.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 334-690-3139

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: MVN [DS= 2590]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. ATCHAFALAYA RIVER BAR CHANNEL  
    ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF AND BLACK, LA (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: MECHANICAL DREDGE
  - b. Mode of transportation: PIPELINE DISCHARGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 10,988,100
7. Expected frequency of dumping (for reporting period):
  - a. SEE NOTES
  - b. Actual start: 02/27/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.  
  
    CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: PIPE ABOVE WATER SURFACE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No.117  
    Site Name: ATCHAFALAYA RIVER, BAR CHANNEL  
    Geographical position: (NAD 1927)  
  
    29E21'24.92 N 091E23'11.0" W 29E21'08.86 N 091E22'47.47 W  
    29E07'59.43 N 091E34'27.51 W 29E08'15.46 N 091E34'51.02 W  
  
    Depth(ft): Low Depth- 5 High Depth- 23  
    Nearest Distance from shore (nm): 7.0

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

A total of 16,916,465 cubic yards of dredged material were removed from the Atchafalaya River bar channel under three (3) separate contracts (01-C-0024; 01-C-0041; and 01-C-0065) during 2001. One contract (01-C-0065) is still ongoing in February, 2002. A total of 2,545,396 cubic yards of dredged material were used to continue construction of an island for colonial nesting seabirds in the Sec. 404 disposal area on the east side of the bar channel; a total of 14,371,069 cubic yards of dredged material were placed in the ODMDS.

Contract 01-C-0024 started on 27 Feb 01 and was completed on 29 April 01; contract 01-C-0041 started on 29 April 01 and was completed on 18 June 01; contract 01-C-0065 started on 22 Sep 01 and is still ongoing as of 19 February 2002. The quantities given are the quantities dredged and discharged as of 31 Dec 2001.

SITE MONITORING - Monitoring for the ODMDS consists of pre- and post-disposal bathymetric surveys at the site. These are usually done annually before and after the maintenance event for the Fiscal Year.

SITE MANAGEMENT: The end of the discharge pipe is placed

19. Point of Contact: LINDA MATHIES 504-862-2318

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: MVN [DS= 2591]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CALCASIEU RIVER BAR CHANNEL  
CALCASIEU RIVER AND PASS, LA (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 183,900
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: 08/02/01
  - c. Actual completion: 09/26/01

8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 82  
Site Name: CALCASIEU RIVER, BAR CHANNEL 2  
Geographical position: (NAD 1927)

29E44'31.0" N 093E20'43.0" W 29E39'45.0" N 093E19'56.0" W  
29E39'34.0" N 093E20'46.0" W 29E44'25.0" N 093E21'33.0" W

Depth(ft): Low Depth- 7 High Depth- 36  
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the vicinity of the Calcasieu River and Pass Project.

Reference Site Location:

Site No: 216

Site Name: CALCASIEU RIVER COMPOSITE REFERENCE

Geographical position (NAD 1927)

29E30'0". " N 93 E10'18."" W    29E30'51.""N 93 E10'0". " W  
29E30'0". " N 93 E9 '27."" W    0EE'0' . "N 0E0E0"" . " W  
0EE'0' . " N 0E0E0"" . " W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

This is a composite site from former reference sites #158, 159, and 160. All three locations are sampled and a single composite reference sample is analyzed.

In addition to above coordinates:

Site 2 = 29\*30'00" N, 93\*10'18" W

Site 3 = 29\*30'00" N, 93\*10'30" W

29\*30'85" N, 93\*10'00" W

29\*30'00: N, 93\*09'45" W

14. Disposal Site Management:

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

## 18. General Comments

A total of 5,077,440 cubic yards of dredged material were removed from the Calcasieu River bar channel using a hopper dredge during 2001. A total of 240,480 cubic yards of dredged material were dredged and hauled to the ODMDS #2; the remaining 4,836,960 cubic yards of dredged material were discharged via agitation dredging.

SITE MONITORING - A pre- and post-disposal bathymetric survey of the ODMDS are done each fiscal year.

SITE MANAGEMENT: To prevent mounding of the dredged material that would interfere with navigation, the Contractor is directed to deposit no material within 500 feet of a previous disposal location during the maintenance event. For every deposition within the ODMDS, the estimated cubic yards discharged and the location of the deposition are recorded in the daily dredge log.

19. Point of Contact: LINDA MATHIES 504-862-2318

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: MVN [DS= 2592]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MISSISSIPPI RIVER - GULF OUTLET BAR CHANNEL  
MISSISSIPPI RIVER - GULF OUTLET, LA (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,108,400
7. Expected frequency of dumping (for reporting period):
  - a. SEE NOTES
  - b. Actual start: 04/18/01
  - c. Actual completion: 12/31/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.110  
Site Name: MISS. RIVER - GULF OUTLET, BAR CHANNEL  
Geographical position: (NAD 1927)  
  
29E32'35.0" N 089E12'38.0" W 29E29'21.0" N 089E08'00.0" W  
29E24'51.0" N 088E59'23.0" W 29E24'28.0" N 089E59'39.0" W  
29E28'59.0" N 089E08'19.0" W  
Depth(ft): Low Depth- 20 High Depth- 40  
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged material from the vicinity of Mississippi River Gulf Outlet.

Reference Site Location:

Site No: 217

Site Name: MS RIVER - GULF OUTLET COMPOSITE REFERENCE

Geographical position (NAD 1927)

29E23'00.000" N 88 E54'30.000" W      29E22'00.000" N 88 E56'30.000" W

29E24'30.000" N 88 E52'30.000" W      0E0E'0" . "N 0E0E0" . " W

0E0E'0" . " N 0E0E0" . " W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

This is a composite site from former reference sites #134, 135, and 136. All three locations are sampled and a single composite reference sample is analyzed.

Site 2 = 29\*22'00" N, 88\*56'30" W

Site 3 = 29\*25'30" N, 88\*52'30" W

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

## 18. General Comments

During 2001, one government hopper dredge, the MACFARLAND, and two contract dredges, the MANHATTAN ISLAND and the STUYVESANT, performed maintenance dredging in the MR-GO bar channel and discharged dredged material into the ocean dredged material disposal site. The dredges worked 24 hours a day 7 days a week during the following periods:

MACFARLAND - 18 APRIL 01 - 28 MAY 01

MANHATTAN ISLAND - 16 JULY 01- 30 JULY 01

STUYVESANT - 14 DECEMBER 01 - 23 DECEMBER 01

STUYVESANT - 26 DECEMBER 01 - 31 DECEMBER 01 and still working as on 19 February 2002.

SITE MONITORING - Pre- and post- disposal surveys are taken at the ODMDS before and after the maintenance event for the fiscal year.

## 19. Point of Contact: LINDA MATHIES 504-862-2318

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: MVN [DS= 2593]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MISSISSIPPI RIVER BAR CHANNEL  
MISSISSIPPI RIVER BATON ROUGE TO THE GULF OF MEXICO, LA (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 5,513,600
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: / /
  - c. Actual completion: / /
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 92  
Site Name: MISSISSIPPI RIVER SOUTHWEST PASS  
Geographical position: (NAD 1927)  
  
28E54'12.0" N 089E27'15.0" W 28E54'12.0" N 089E26'00.0" W  
28E51'00.0" N 089E27'15.0" W 28E51'00.0" N 089E26'00.0" W  
  
Depth(ft): Low Depth- 9 High Depth- 106  
Nearest Distance from shore (nm): 17.5

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged material from the vicinity of the Southwest Pass Channel.

Reference Site Location:

Site No: 214

Site Name: MS. RIVER SOUTHWEST PASS COMPOSITE REFERENCE

Geographical position (NAD 1983)

28E53'58.000" N 89 E25'31.000" W    28E53'45.000"N 89 E25'09.000" W  
28E53'13.000" N 89 E25'28.000" W    28E53'11.000"N 89 E24'49.000" W  
00E0' . 00" N 0E0E0" . 00" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

These are 4 separate sites. Each one is sampled and a single composite reference sample is created. Agreed to by EPA Region 6 and MVN on March 13, 1997.

This combines former references sites: 137,138,139, and 192.

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

The NOD performs pre- and post- disposal bathymetric surveys of the ODMDSs for each Fiscal Year maintenance event.

19. Point of Contact: LINDA MATHIES 504-862-2318

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SWG [DS= 2583]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. SABINE - NECHES WATERWAY, TEXAS  
SABINE PASS OUTER BAR AND SABINE BANK CHANNELS (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 3,107,000
7. Expected frequency of dumping (for reporting period):
  - a. 15/D;7D/WK
  - b. Actual start: 05/12/01
  - c. Actual completion: 06/18/01
8. Composition of the dredged material.  
  
CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 0
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 74  
Site Name: SABINE-NECHES WATERWAY DA NO. 3  
Geographical position: (NAD 1927)  
  
29E34'24.0" N 093E48'13.0" W 29E32'47.0" N 093E46'16.0" W  
29E32'06.0" N 093E46'29.0" W 29E31'42.0" N 093E48'16.0" W  
  
Depth(ft): Low Depth- 33 High Depth- 41  
Nearest Distance from shore (nm): 6.8

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the Sabine-Neches area.

29 32' 59"N 93 49' 48"W

Site No. 75

Site Name: SABINE-NECHES WATERWAY DA NO. 4

Geographical position: (NAD 1927)

29E38'09.0" N 093E49'23.0" W 29E35'53.0" N 093E48'18.0" W

29E35'06.0" N 093E50'24.0" W 29E36'37.0" N 093E51'09.0" W

Depth(ft): Low Depth- 16 High Depth- 30

Nearest Distance from shore (nm): 2.7

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the Sabine-Neches area.

29 37' 00" N 93 50' 06"W

29 37' 46" N 93 50' 26"W

Reference Site Location:

Site No: 177

Site Name: SABINE-NECHES WATERWAY REFERENCE AREA 2

Geographical position (NAD 1927)

29E35'52.0" N 093E41'45.0" W 29E35'52.0"N 093E41'30.0" W

29E35'00.0" N 093E41'30.0" W 29E35'00.0"N 093E41'45.0" W

Depth (ft): Low Depth- 32 High Depth- 37

Nearest Distance from shore (nm): 7.4

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: ROB HAUCH 409-766-3913

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SWG [DS= 2584]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FREEPORT HARBOR, TEXAS  
ENTRANCE AND JETTY CHANNEL (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,895,600
7. Expected frequency of dumping (for reporting period):
  - a. 25/D;7D/WK
  - b. Actual start: 07/23/01
  - c. Actual completion: 08/26/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 0

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.162  
Site Name: FREEPORT HARBOR MAINTENANCE  
Geographical position: (NAD 1927)

28E54'00.0" N 095E15'49.0" W 28E53'28.0" N 095E15'16.0" W  
28E52'00.0" N 095E16'59.0" W 28E52'32.0" N 095E17'32.0" W

Depth(ft): Low Depth- 31 High Depth- 38  
Nearest Distance from shore (nm): 3.0  
General Comments About The Disposal Site  
Restriction: Disposal shall be limited to dredged material from

the Freeport Harbor Entrance and Jetty Channels, Texas.

Reference Site Location:

Site No: 179

Site Name: FREEPORT HARBOR - REFERENCE AREA

Geographical position (NAD 1927)

28E54'28.0" N 095E13'40.0" W    28E54'35.0"N 095E13'28.0" W  
28E55'07.0" N 095E14'01.0" W    28E54'60.0"N 095E14'13.0" W

Depth (ft): Low Depth- 39 High Depth- 44  
Nearest Distance from shore (nm): 3.2

14. Disposal Site Management:

Selective Disposal was used  
Site Monitoring was performed  
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Sequential discharge was used.

19. Point of Contact: ROB HAUCH 409-766-3913

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SWG [DS= 2585]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MATAGORDA SHIP CHANNEL, TEXAS  
ENTRANCE CHANNEL (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 218,400
7. Expected frequency of dumping (for reporting period):
  - a. 12/D; 7D/W
  - b. Actual start: 10/21/01
  - c. Actual completion: 10/29/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.1000000	3	3.580000	8.420000	6.720000
MERCURY	3	0.0200000	1	0.010000	0.030000	0.020000
CADMIUM	3	0.1000000	0	0.000000	0.000000	0.000000
LEAD	3	0.1000000	3	5.700000	11.100000	8.900000
CHROMIUM	3	0.1000000	3	5.350000	9.690000	8.240000
COPPER	3	0.1000000	3	1.630000	3.720000	2.890000
NICKEL	3	0.1000000	3	5.370000	9.910000	8.230000
ZINC	3	0.1000000	3	18.200000	33.600000	28.400000
SELENIUM	3	0.2000000	3	0.300000	0.650000	0.510000
SILVER	3	0.1000000	0	0.000000	0.000000	0.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	3	0.0100000	0	0.000000	0.000000	0.000000
CHLORDANE	3	0.0100000	0	0.000000	0.000000	0.000000
DIELDRIN	3	0.0100000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	3	0.0100000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	3	0.0100000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	3	0.0100000	0	0.000000	0.000000	0.000000
DDD	3	0.0100000	0	0.000000	0.000000	0.000000
DDE	3	0.0100000	0	0.000000	0.000000	0.000000
DDT	3	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN	3	0.0050000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	3	0.0050000	0	0.000000	0.000000	0.000000
HEPTACHLOR	3	0.0200000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	3	0.0200000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	3	0.0100000	0	0.000000	0.000000	0.000000
BETA-LINDANE	3	0.0100000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	3	0.0100000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	3	0.0100000	0	0.000000	0.000000	0.000000
TOXAPHENE	3	0.0500000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	3	0.0010000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	3	0.5000000	0	0.000000	0.000000	0.000000
NAPHTHALENE	3	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	3	0.0200000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	3	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	3	0.0200000	0	0.000000	0.000000	0.000000
CHRYSENE	3	0.0200000	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	3	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	3	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	3	0.0200000	1	0.010000	0.031000	0.017000
BENZO (GHI) PERYLENE	3	0.0200000	1	0.010000	0.029100	0.016370
FLUORENE	3	0.0200000	0	0.000000	0.000000	0.000000
PYRENE	3	0.0200000	2	0.010000	0.036700	0.026900
ANTHRACENE	3	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	3	0.0200000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	3	0.0200000	0	0.000000	0.000000	0.000000
PHENANTHRENE	3	0.0200000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	3	0.0200000	0	0.000000	0.000000	0.000000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	3	0.1000000	3	0.800000	49.300000	17.600000
TOTAL ORGANIC CARBON	3	0.0100000	3	0.476000	2.090000	1.445300
TOTAL SULFIDES	3	0.1000000	3	6.570000	373.000000	158.390000
% SAND	3	0.1000000	3	29.800000	76.500000	47.300000
% SILT	3	0.1000000	3	15.600000	29.100000	23.100000
% CLAY	3	0.1000000	3	7.900000	41.100000	29.500000

## ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PHENOLS	3	1.0000000	0	0.000000	0.000000	0.000000

### Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

#### Elutriate Test Chemical Data

## METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.0010000	0	0.000000	0.000000	0.000000
MERCURY	3	0.0002000	0	0.000000	0.000000	0.000000
CADMIUM	3	0.0001000	0	0.000000	0.000000	0.000000
LEAD	3	0.0010000	0	0.000000	0.000000	0.000000
CHROMIUM	3	0.0010000	0	0.000000	0.000000	0.000000
COPPER	3	0.0010000	0	0.000000	0.000000	0.000000
NICKEL	3	0.0010000	0	0.000000	0.000000	0.000000
ZINC	3	0.0010000	0	0.000000	0.000000	0.000000
SELENIUM	3	0.0010000	0	0.000000	0.000000	0.000000
SILVER	3	0.0010000	0	0.000000	0.000000	0.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	3	0.0000400	0	0.000000	0.000000	0.000000
CHLORDANE	3	0.0001400	0	0.000000	0.000000	0.000000
DIELDRIN	3	0.0000200	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	3	0.0001000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	3	0.0001000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	3	0.0001000	0	0.000000	0.000000	0.000000
DDD	3	0.0001000	0	0.000000	0.000000	0.000000
DDE	3	0.0001000	0	0.000000	0.000000	0.000000
DDT	3	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN	3	0.0000600	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	3	0.0000600	0	0.000000	0.000000	0.000000
HEPTACHLOR	3	0.0000300	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	3	0.0000300	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	3	0.0000200	0	0.000000	0.000000	0.000000
BETA-LINDANE	3	0.0000200	0	0.000000	0.000000	0.000000
DELTA-LINDANE	3	0.0000200	0	0.000000	0.000000	0.000000

GAMMA-LINDANE	3	0.0000200	0	0.000000	0.000000	0.000000
TOXAPHENE	3	0.0005000	0	0.000000	0.000000	0.000000

### PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	3	0.0000100	0	0.000000	0.000000	0.000000

### PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	3	0.0050000	0	0.000000	0.000000	0.000000
NAPHTHALENE	3	0.0020000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	3	0.0010000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	3	0.0001000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	3	0.0025000	0	0.000000	0.000000	0.000000
CHRYSENE	3	0.0005000	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	3	0.0001000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	3	0.0020000	0	0.000000	0.000000	0.000000
FLUORANTHENE	3	0.0005000	0	0.000000	0.000000	0.000000
BENZO (GHI) PERYLENE	3	0.0001000	0	0.000000	0.000000	0.000000
FLUORENE	3	0.0005000	0	0.000000	0.000000	0.000000
PYRENE	3	0.0005000	0	0.000000	0.000000	0.000000
ANTHRACENE	3	0.0005000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	3	0.0005000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	3	0.0005000	0	0.000000	0.000000	0.000000
PHENANTHRENE	3	0.0010000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	3	0.0005000	0	0.000000	0.000000	0.000000

### CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	3	0.0300000	3	0.410000	4.060000	2.690000
TOTAL ORGANIC CARBON	3	0.0000100	0	0.000000	0.000000	0.000000

### ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PHENOLS	3	0.0500000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.105

Site Name: MATAGORDA SHIP CHANNEL DISPOSAL AREA NO. 1

Geographical position: (NAD 1927)

28E23'48.0" N 096E18'00.0" W 28E23'21.0" N 096E18'31.0" W  
28E22'43.0" N 096E17'52.0" W 28E23'11.0" N 096E17'22.0" W

Depth(ft): Low Depth- 25 High Depth- 40  
Nearest Distance from shore (nm): 1.5

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from  
the Matagorda Ship Channel, Texas.

Reference Site Location:

Site No: 180

Site Name: MATAGORDA SHIP CHANNEL - REFERENCE AREA

Geographical position (NAD 1927)

28E24'27.0" N 096E16'04.0" W 28E24'33.0"N 096E15'52.0" W  
28E25'10.0" N 096E16'30.0" W 28E25'04.0"N 096E16'42.0" W

Depth (ft): Low Depth- 34 High Depth- 40  
Nearest Distance from shore (nm): 1.9

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

*Menidia beryllina*

*Mysidopsis bahia*

16. Bioassay Solid Phase Information (Organisms Tested):

*Ampelisca abdita*

*Mysidopsis bahia*

17. Bioassay Bioaccumulation Information (Organisms Tested):

*Nereis virens*

*Mercenaria mercenaria*

18. General Comments

19. Point of Contact: ROB HAUCH 409-766-3913

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPN [DS= 2655]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. OAKLAND HARBOR, OAKLAND, CALIFORNIA  
 OAKLAND HARBOR O&M (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 134,600
7. Expected frequency of dumping (for reporting period):
  - a. CONTINUOUS
  - b. Actual start: 09/20/01
  - c. Actual completion: 11/30/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	1.2000000	4	9.400000	13.000000	11.475000
MERCURY	4	0.0500000	4	0.230000	1.140000	0.505000
CADMIUM	4	0.2000000	3	0.200000	0.400000	0.300000
LEAD	4	1.2000000	4	19.900000	39.800000	28.850000
CHROMIUM	4	1.5000000	4	61.600000	101.000000	87.550000
COPPER	4	1.2000000	4	26.500000	56.500000	43.675000
NICKEL	4	1.5000000	4	52.700000	97.900000	78.950000
ZINC	4	25.0000000	4	71.000000	131.000000	105.250000
SELENIUM	4	0.2000000	4	0.600000	0.700000	0.650000
SILVER	4	0.2000000	3	0.200000	0.300000	0.266700

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	1.3000000	0	0.000000	0.000000	0.000000
CHLORDANE	4	5.9000000	0	0.000000	0.000000	0.000000
DIELDRIN	4	1.6000000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	1.8000000	0	0.000000	0.000000	0.000000
DDD	4	1.5000000	0	0.000000	0.000000	0.000000
DDE	4	1.3000000	0	0.000000	0.000000	0.000000
DDT	4	10.6000000	0	0.000000	0.000000	0.000000
ENDRIN	4	1.9000000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	0.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	2.1000000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	2.1000000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	11.0000000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	5.7000000	3	6.400000	15.800000	22.200000
AROCHLOR 1242	4	5.7000000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	4	5.7000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	4	5.7000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	4	5.7000000	3	6.400000	15.800000	22.200000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	4	0.0000000	4	1683.000000	3531.900000	2924.525000
NAPHTHALENE	4	4.7000000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	4	16.7000000	4	105.000000	283.000000	200.000000
BENZO (B) FLUORANTHENE	4	22.2002400	4	135.000000	412.000000	293.500000
ACENAPHTHYLENE	4	11.7000000	0	0.000000	0.000000	0.000000
CHRYSENE	4	9.7000000	4	107.000000	315.000000	244.500000
BENZO (K) FLUORANTHENE	4	17.0000000	4	80.000000	236.000000	170.750000
ACENAPHTHENE	4	9.0000000	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	14.5000000	4	304.000000	487.000000	421.750000
BENZO (GHI) PERYLENE	4	24.9000000	4	85.000000	264.000000	174.000000
FLUORENE	4	11.5000000	1	14.000000	14.000000	14.000000
PYRENE	4	15.2000000	4	333.000000	737.000000	616.750000
ANTHRACENE	4	15.7000000	4	38.000000	104.000000	73.750000
BENZO (A) PYRENE	4	18.5000000	4	150.000000	426.000000	305.750000
INDENO (1, 2, 3-CD) PYRENE	4	24.9000000	4	98.000000	269.000000	184.250000
PHENANTHRENE	4	10.5000000	4	131.000000	207.000000	166.000000
DIBENZE (A, H) ANTHRACENE	4	22.9000000	3	34.000000	56.000000	45.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYL TIN	4	5.0000000	0	0.000000	0.000000	0.000000
DIBUTYL TIN	4	5.0000000	0	0.000000	0.000000	0.000000
MONOBUTYL TIN	4	5.0000000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	4	0.0000000	0	0.993000	1.316000	1.186800
TOTAL SULFIDES	4	0.0000000	0	177.000000	309.000000	239.500000
% SAND	4	0.0000000	0	3.805000	31.053000	14.307300
% SILT	4	0.0000000	0	33.205000	50.964000	41.181300
% CLAY	4	0.0000000	0	24.722000	62.321000	44.208800

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.193

Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE

Geographical position: (NAD 1983)

37E39'00.0" N 123E29'00.0" W

Depth(ft): Low Depth- 8200 High Depth- 9840

Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Location: Center coordinates of the oval-shaped site are:

37 deg.39.0' North latitude by 123 deg.29.0' West longitude

(North American Datum from 1983), with length (north-south axis) and width (west-east axis) dimensions of approximately 4 nautical miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers), respectively.

Seabird and Marine mammal monitoring were performed in 1995.

Added by Belinda Spalding, Oct. 1996.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done

18. General Comments

Total PAH detection limit is 248.9

19. Point of Contact: ERIC JOLLIFFE 415-977-8543

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPN [DS= 2656]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. RICHMOND, CALIFORNIA  
 RICHMOND INNER HARBOR (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 CLUMPED or COHESIVE
6. Total quantity (cubic meters): 298,600
7. Expected frequency of dumping (for reporting period):
  - a. CONTINUOUS
  - b. Actual start: 06/23/01
  - c. Actual completion: 09/10/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	1.400000	4	8.700000	11.700000	10.350000
MERCURY	4	0.050000	4	0.390000	0.760000	0.557500
CADMIUM	4	0.300000	0	0.000000	0.000000	0.000000
LEAD	4	1.400000	4	20.300000	24.700000	22.675000
CHROMIUM	4	2.700000	4	88.600000	101.000000	93.675000
COPPER	4	1.400000	4	41.000000	50.100000	45.350000
NICKEL	4	2.700000	4	78.300000	89.000000	83.050000
ZINC	4	2.700000	4	95.000000	120.000000	105.750000
SELENIUM	4	0.300000	4	0.800000	1.000000	0.925000
SILVER	4	0.300000	0	0.000000	0.000000	0.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	5.0000000	0	0.000000	0.000000	0.000000
CHLORDANE	4	27.0000000	0	0.000000	0.000000	0.000000
DIELDRIN	4	5.0000000	0	0.000000	0.000000	0.000000
ENDOSULFAN	4	5.0000000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	5.0000000	0	0.000000	0.000000	0.000000
DDD	4	5.0000000	0	0.000000	0.000000	0.000000
DDE	4	5.0000000	0	0.000000	0.000000	0.000000
DDT	4	5.0000000	0	0.000000	0.000000	0.000000
ENDRIN	4	5.0000000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	5.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	5.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	5.0000000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	4	54.0000000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	67.0000000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	48.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	4	48.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	4	48.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	4	48.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	4	48.0000000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	4	0.0000000	4	945.000000	1902.000000	1200.250000
NAPHTHALENE	4	54.0000000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	4	54.0000000	4	66.000000	130.000000	84.000000
BENZO (B) FLUORANTHENE	4	54.0000000	4	65.000000	121.000000	82.000000
ACENAPHTHYLENE	4	54.0000000	0	0.000000	0.000000	0.000000
CHRYSENE	4	54.0000000	4	75.000000	152.000000	97.750000
BENZO (K) FLUORANTHENE	4	54.0000000	3	49.000000	114.000000	73.333300
ACENAPHTHENE	4	54.0000000	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	54.0000000	4	104.000000	203.000000	144.000000
BENZO (GHI) PERYLENE	4	54.0000000	4	81.000000	144.000000	104.750000
FLUORENE	4	54.0000000	1	0.000000	0.000000	51.000000
PYRENE	4	54.0000000	4	253.000000	430.000000	303.500000
ANTHRACENE	4	54.0000000	1	0.000000	0.000000	74.000000
BENZO (A) PYRENE	4	54.0000000	4	88.000000	157.000000	110.250000
INDENO (1, 2, 3-CD) PYRENE	4	54.0000000	4	64.000000	140.000000	89.000000
PHENANTHRENE	4	54.0000000	4	68.000000	136.000000	86.250000
DIBENZE (A, H) ANTHRACENE	4	54.0000000	1	0.000000	0.000000	50.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYL TIN	4	2.0000000	0	0.000000	0.000000	0.000000
DIBUTYL TIN	4	2.0000000	0	0.000000	0.000000	0.000000
MONOBUTYL TIN	4	2.0000000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	4	0.0020000	4	1.334000	1.536000	1.402800
TOTAL SULFIDES	4	6.0000000	4	31.000000	407.000000	138.500000
% SAND	4	0.1000000	4	1.199000	2.081000	1.602000
% SILT	4	0.1000000	4	38.316000	47.847000	42.609500
% CLAY	4	0.1000000	4	49.857000	60.138000	55.726300

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.193

Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE

Geographical position: (NAD 1983)

37E39'00.0" N 123E29'00.0" W

Depth(ft): Low Depth- 8200 High Depth- 9840

Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Location: Center coordinates of the oval-shaped site are:

37 deg.39.0' North latitude by 123 deg.29.0' West longitude

(North American Datum from 1983), with length (north-south axis) and width (west-east axis) dimensions of approximately 4 nautical miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers), respectively.

Seabird and Marine mammal monitoring were performed in 1995.

Added by Belinda Spalding, Oct. 1996.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done

18. General Comments

19. Point of Contact: ERIC JOLLIFFE 415-977-8543

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPN [DS= 2657]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. EUREKA, CALIFORNIA  
 HUMBOLDT HARBOR BAR AND ENTRANCE CHANNEL (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 863,000
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: / /
  - c. Actual completion: / /
8. Composition of the dredged material.

Data for this project was also reported in 2002

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Not Known if data calculated on a Wet or Dry Basis)

Sediment Chemical Characteristics

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% SAND	7	0.0000000	0	94.300000	100.640000	98.264300
% SILT	7	0.0000000	0	0.040000	0.290000	0.138600
% CLAY	7	0.0000000	0	0.600000	0.990000	0.800000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.175

Site Name: NEARSHORE

Geographical position: (NAD 1927)

40E44'46.0" N 124E15'46.0" W 40E44'42.0" N 124E15'23.0" W

40E44'05.0" N 124E15'59.0" W 40E44'01.0" N 124E15'46.0" W

Depth(ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: ERIC JOLLIFFE 415-977-8543

## Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPN [DS= 2658]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. EUREKA, CALIFORNIA  
HUMBOLDT HARBOR INTERIOR CHANNELS (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 121,200
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: / /
  - c. Actual completion: / /
8. Composition of the dredged material.

### Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

#### Sediment Chemical Characteristics

#### METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	11	1.000000	11	4.300000	7.400000	5.845500
MERCURY	11	0.200000	0	0.000000	0.000000	0.000000
CADMIUM	11	0.140000	4	0.150000	0.180000	0.167500
LEAD	11	0.100000	11	4.480000	12.900000	8.490000
CHROMIUM	11	0.400000	11	45.800000	83.500000	66.290900
COPPER	11	0.200000	11	11.300000	32.900000	23.509100
NICKEL	11	0.400000	11	54.600000	94.000000	78.590900
ZINC	11	1.000000	11	37.200000	79.100000	60.145500
SELENIUM	11	2.740000	0	0.000000	0.000000	0.000000
SILVER	11	0.040000	11	0.040000	0.180000	0.111200

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	11	1.0000000	0	0.000000	0.000000	0.000000
ALPHA-CHLORDANE	11	1.0000000	0	0.000000	0.000000	0.000000
DIELDRIN	11	2.0000000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	11	2.0000000	0	0.000000	0.000000	0.000000
DDD	11	2.0000000	0	0.000000	0.000000	0.000000
DDE	11	2.0000000	0	0.000000	0.000000	0.000000
DDT	11	2.0000000	0	0.000000	0.000000	0.000000
ENDRIN	11	2.0000000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	11	2.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR	11	1.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	11	1.0000000	0	0.000000	0.000000	0.000000
TOXAPHENE	11	99.0000000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	11	20.0000000	1	0.000000	0.000000	22.000000
AROCHLOR 1242	11	20.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	11	20.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	11	20.0000000	1	0.000000	0.000000	22.000000
AROCHLOR 1260	11	20.0000000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	11	0.0000000	0	70.000000	1100.000000	550.000000
NAPHTHALENE	11	6.7000000	11	10.000000	73.000000	47.090900
BENZO (A) ANTHRACENE	11	8.5000000	8	9.700000	52.000000	25.837500
BENZO (B) FLUORANTHENE	11	7.9000000	10	11.000000	81.000000	31.400000
ACENAPHTHYLENE	11	8.8000000	6	9.700000	21.000000	12.916700
CHRYSENE	11	7.9000000	10	15.000000	67.000000	38.700000
BENZO (K) FLUORANTHENE	11	11.0000000	4	20.000000	54.000000	31.500000
ACENAPHTHENE	11	9.7000000	6	12.000000	18.000000	15.000000
FLUORANTHENE	11	6.7000000	11	8.000000	120.000000	59.545500
BENZO (GHI) PERYLENE	11	7.9000000	9	11.000000	91.000000	31.330000
FLUORENE	11	7.9500000	10	12.000000	45.000000	28.400000
PYRENE	11	6.7000000	11	7.200000	150.000000	76.200000
ANTHRACENE	11	11.0000000	4	13.000000	16.000000	14.250000
BENZO (A) PYRENE	11	11.0000000	5	11.000000	65.000000	29.200000
INDENO (1,2,3-CD) PYRENE	11	8.8000000	4	14.000000	57.000000	27.500000
PHENANTHRENE	11	6.7000000	11	22.000000	130.000000	86.363600
DIBENZE (A,H) ANTHRACENE	11	22.0000000	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYLTIN	11	1.0000000	0	0.000000	0.000000	0.000000
DIBUTYLTIN	11	1.0000000	0	0.000000	0.000000	0.000000
MONOBUTYLTIN	11	1.0000000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL SOLIDS	19	0.0000000	0	61.000000	84.500000	74.857900
TOTAL ORGANIC CARBON	11	0.0000000	0	0.260000	1.320000	0.847300
% SAND	19	0.0000000	0	10.200000	98.850000	65.508900
% SILT	19	0.0000000	0	0.010000	61.200000	20.650000
% CLAY	19	0.0000000	0	0.190000	29.700000	10.587900

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.174

Site Name: HOODS

Geographical position: (NAD 1983)

40E48'25.0" N 124E16'22.0" W 40E49'03.0" N 124E17'22.0" W

40E47'38.0" N 124E17'22.0" W 40E48'17.0" N 124E18'12.0" W

Depth(ft): Low Depth- 160 High Depth- 180

Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restrictions/Provisions: Site management and monitoring activities shall be implemented during the period of site use and in accordance with the Site Management and Monitoring Plan (SMMP) for the HOODS as incorporated in the Final EIS, and summarized in Section D of this final rule. All disposal activities shall be terminated if monitoring, as described in the SMMP, is not implemented. The SMMP may be periodically revised as necessary; proposed substantive revisions to the SMMP shall be made following opportunity for public review and comment.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments
19. Point of Contact: ERIC JOLLIFFE 415-977-8543

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2594]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. BROOKINGS OREGON  
    CHETCO RIVER (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters):    29,300
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 03/09/01
  - c. Actual completion: 08/29/01

## 8. Composition of the dredged material.

### Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

#### Sediment Chemical Characteristics

##### METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.3900000	3	2.700000	7.600000	4.760000
ANTIMONY	3	0.0520000	2	0.210000	0.350000	0.190000
MERCURY	3	0.0710000	1	0.000000	0.130000	0.000000
CADMIUM	3	0.2100000	3	0.690000	1.100000	0.890000
LEAD	3	0.0590000	3	5.000000	13.000000	8.700000
COPPER	3	13.0000000	3	62.000000	170.000000	108.000000
NICKEL	3	0.1900000	3	63.000000	140.000000	97.666667
ZINC	3	0.4700000	3	53.000000	150.000000	92.666667
SILVER	3	0.0248000	3	0.173500	0.525000	0.292800

##### PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	3	0.0011000	0	0.000000	0.000000	0.000000
CHLORDANE	3	0.0036000	0	0.000000	0.000000	0.000000
DIELDRIN	3	0.0008400	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	3	0.0011000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	3	0.0009900	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	3	0.0009300	0	0.000000	0.000000	0.000000
DDD	3	0.0005000	0	0.000000	0.000000	0.000000
DDE	3	0.0005900	0	0.000000	0.000000	0.000000
DDT	3	0.0006600	0	0.000000	0.000000	0.000000
ENDRIN	3	0.0009200	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	3	0.0010000	0	0.000000	0.000000	0.000000
HEPTACHLOR	3	0.0008800	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	3	0.0009300	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	3	0.0007900	0	0.000000	0.000000	0.000000
BETA-LINDANE	3	0.0011000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	3	0.0009800	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	3	0.0009800	0	0.000000	0.000000	0.000000
METHOXYCHLOR	3	0.0035000	0	0.000000	0.000000	0.000000
TOXAPHENE	3	0.0160000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	3	0.0028000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	3	0.0120000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	3	0.0096000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	3	0.0051000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	3	0.0051000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	3	0.0040000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	3	0.0040000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	3	0.0001100	1	0.000000	0.004200	0.000000
BENZO (A) ANTHRACENE	3	0.0006000	2	0.003400	0.004300	0.002770
BENZO (B) FLUORANTHENE	3	0.0005000	2	0.004500	0.007700	0.006100
ACENAPHTHYLENE	3	0.0010000	0	0.000000	0.000000	0.000000
CHRYSENE	3	0.0014000	3	0.004800	0.032000	0.014567
BENZO (K) FLUORANTHENE	3	0.0010000	1	0.000000	0.009700	0.000000
ACENAPHTHENE	3	0.0012000	0	0.000000	0.000000	0.000000
FLUORANTHENE	3	0.0011000	3	0.008900	0.031000	0.016633
BENZO (GHI) PERYLENE	3	0.0003900	0	0.000000	0.000000	0.000000
FLUORENE	3	0.0011000	1	0.000000	0.002600	0.000000
PYRENE	3	0.0007800	3	0.008000	0.030000	0.016333
ANTHRACENE	3	0.0000000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	3	0.0014000	2	0.003200	0.014000	0.005730
INDENO (1, 2, 3-CD) PYRENE	3	0.0005500	1	0.000000	0.004500	0.000000
PHENANTHRENE	3	0.0005000	0	0.005400	0.005900	0.005650
DIBENZE (A, H) ANTHRACENE	3	0.0005500	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYLTIN	3	0.0000045	0	0.000000	0.000000	0.000000
DIBUTYLTIN	3	0.0000032	0	0.000000	0.000000	0.000000
MONOBUTYLTIN	3	0.0000030	0	0.000000	0.000000	0.000000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	6	0.0000000	0	25.290000	69.280000	51.480000
TOTAL ORGANIC CARBON	3	0.0000000	0	15.000000	35.000000	22.330000
% SAND	6	0.0000000	0	56.230000	99.080000	69.480000
% SILT	6	0.0000000	0	0.830000	39.160000	25.750000
% CLAY	6	0.0000000	0	1.130000	8.960000	4.980000

## BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
4-BROMOPHENYL PHENYL ET	3	0.0046000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	3	0.0066000	1	0.000000	0.052000	0.000000
2-CHLORONAPHTHALENE	3	0.0010000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	3	0.0058000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	3	0.0036000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	3	0.0048000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	3	0.0055000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	3	0.0038000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	3	0.0059000	1	0.000000	0.007900	0.000000
DIMETHYL PHTHALATE	3	0.0038000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	3	0.0300000	1	0.000000	0.039000	0.000000
2,4-DINITROTOLUENE	3	0.0045000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	3	0.0062000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	3	0.0090000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	3	0.0038000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	3	0.0031000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	3	0.0049000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	3	0.0066000	0	0.000000	0.000000	0.000000
ISOPHORONE	3	0.0048000	0	0.000000	0.000000	0.000000
NITROBENZENE	3	0.0047000	0	0.000000	0.000000	0.000000
N-NITROSODIMETHYLAMINE	3	0.0000000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	3	0.0028000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	3	0.0029000	0	0.000000	0.000000	0.000000

## ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2-CHLOROPHENOL	3	0.0052000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	3	0.0038000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	3	0.0038000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	3	0.0083000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	3	0.0045000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	3	0.0066000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	3	0.0072000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	3	0.0046000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No. 21

Site Name: CHETCO RIVER ENTRANCE

Geographical position: (NAD 1983)

42E01'55.0" N 124 16'37.0" W 42E01'55.0" N 124 16'13.0" W

42E01'37.0" N 124 16'13.0" W 42E01'37.0" N 124 16'37.0" W

Depth(ft): Low Depth- 69 High Depth- 72  
Nearest Distance from shore (nm): 0.9

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged material determined to be suitable for unconfined disposal from the Chetco Estuary and River and adjacent areas.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Organotins are pore water method mg/L

\*Public Notices for COE are issued for an indefinite period of time.

Exact month & day of 1995 for permit not known.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2595]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. GOLD BEACH OREGON  
    ROGUE RIVER (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters):    40,000
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 05/11/01
  - c. Actual completion: 06/01/01
8. Composition of the dredged material.  
    NO CHEMICAL DATA EXISTS FOR THIS PROJECT
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No. 22  
    Site Name: ROGUE RIVER ENTRANCE  
    Geographical position: (NAD 1927)  
  
    42E24'16.0" N 124 26'48.0" W 42E24'04.0" N 124 26'35.0" W  
    42E23'40.0" N 124 27'13.0" W 42E23'52.0" N 124 27'26.0" W  
  
    Depth(ft): Low Depth- 66 High Depth- 68  
    Nearest Distance from shore (nm): 1.2

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Public Notices for Corps of Engineers operations and maintenance activities are normally issued for an indefinite period.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2596]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. COOS BAY OREGON  
    COOS BAY (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 700,500
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 06/16/01
  - c. Actual completion: 10/14/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No. 49  
    Site Name: COOS BAY ENTRANCE F (PRE 1989)  
    Geographical position: (NAD 1927)

43E22'44.0" N 124E22'18.0" W 43E22'29.0" N 124E21'34.0" W  
43E22'16.0" N 124E21'42.0" W 43E22'31.0" N 124E22'26.0" W

Depth(ft): Low Depth- 79 High Depth- 0  
Nearest Distance from shore (nm): 1.0  
Site No. 61  
Site Name: COOS BAY SITE H  
Geographical position: (NAD 1927)

43E23'53.0" N 124E22'48.0" W 43E23'42.0" N 124E23'01.0" W  
43E24'16.0" N 124E23'26.0" W 43E24'05.0" N 124E23'38.0" W

Depth(ft): Low Depth- 164 High Depth- 0  
Nearest Distance from shore (nm): 3.7

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material in the Coos Bay area of type 2 and 3, as defined in the site designation final EIS.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Public Notices for COE O&M activities are normally issued for an indefinite period of time.

Site F 16JUN-14OCT Intermit use

Site H 16AUG-6SEP Daily use

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2597]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. BANDON OREGON  
 COQUILLE RIVER (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters):    18,100
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 07/10/01
  - c. Actual completion: 09/02/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	2	0.4200000	2	4.000000	6.400000	5.200000
ANTIMONY	2	0.0550000	1	0.000000	0.910000	0.000000
MERCURY	2	0.0730000	0	0.000000	0.000000	0.000000
CADMIUM	2	0.2300000	2	0.910000	0.960000	0.935000
LEAD	2	0.0640000	2	8.000000	8.700000	8.350000
COPPER	2	14.0000000	2	35.000000	58.000000	46.500000
NICKEL	2	0.2000000	2	120.000000	130.000000	125.000000
ZINC	2	0.5000000	2	89.000000	90.000000	89.500000
SILVER	2	4.6000000	0	0.000000	0.000000	0.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	2	0.0012000	0	0.000000	0.000000	0.000000
CHLORDANE	2	0.0038000	0	0.000000	0.000000	0.000000
DIELDRIN	2	0.0009000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	2	0.0009900	0	0.000000	0.000000	0.000000
DDD	2	0.0005300	0	0.000000	0.000000	0.000000
DDE	2	0.0006300	0	0.000000	0.000000	0.000000
DDT	2	0.0007100	0	0.000000	0.000000	0.000000
ENDRIN	2	0.0009900	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	2	0.0011000	0	0.000000	0.000000	0.000000
HEPTACHLOR	2	0.0009400	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	2	0.0010000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	2	0.0008500	0	0.000000	0.000000	0.000000
BETA-LINDANE	2	0.0012000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	2	0.0010000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	2	0.0010000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	2	0.0000000	0	0.000000	0.000000	0.000000
TOXAPHENE	2	0.0170000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	2	0.0030000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	2	0.0130000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	2	0.0100000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	2	0.0055000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	2	0.0043000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	2	0.0043000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	2	0.0043000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	2	0.0016000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	2	0.0021000	2	0.004000	0.036000	0.020000
BENZO (B) FLUORANTHENE	2	0.0075000	2	0.008900	0.020000	0.014450
ACENAPHTHYLENE	2	0.0015000	0	0.000000	0.000000	0.000000
CHRYSENE	2	0.0021000	2	0.010000	0.093000	0.051500
BENZO (K) FLUORANTHENE	2	0.0015000	2	0.005900	0.009100	0.007500
ACENAPHTHENE	2	0.0017000	1	0.000000	0.025000	0.000000
FLUORANTHENE	2	0.0016000	2	0.042000	0.120000	0.081000
BENZO (GHI) PERYLENE	2	0.0005800	0	0.000000	0.000000	0.000000
FLUORENE	2	0.0001600	1	0.000000	0.035000	0.000000
PYRENE	2	0.0012000	2	0.016000	0.056000	0.036000
ANTHRACENE	2	0.0008800	1	0.000000	0.051000	0.000000
BENZO (A) PYRENE	2	0.0021000	2	0.006300	0.010000	0.008150
INDENO (1, 2, 3-CD) PYRENE	2	0.0008200	0	0.000000	0.000000	0.000000
PHENANTHRENE	2	0.0007500	2	0.010000	0.140000	0.075000
DIBENZE (A, H) ANTHRACENE	2	0.0008200	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYL TIN	2	0.0000028	0	0.000000	0.000000	0.000000
DIBUTYL TIN	2	0.0000020	0	0.000000	0.000000	0.000000
MONOBUTYL TIN	2	0.0000019	0	0.000000	0.000000	0.000000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	6	0.0000000	0	13.670000	70.310000	31.010000
TOTAL ORGANIC CARBON	2	0.0000000	0	26.000000	27.000000	26.500000
% SAND	6	0.0000000	0	19.610000	99.580000	72.990000
% SILT	6	0.0000000	0	0.000000	70.960000	22.870000
% CLAY	6	0.0000000	0	0.000000	9.430000	2.680000

## BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
4-BROMOPHENYL PHENYL ET	2	0.0047000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	2	0.0021000	2	0.001600	0.002800	0.002200
2-CHLORONAPHTHALENE	2	0.0010000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	2	0.0059000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	2	0.0036000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	2	0.0049000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	2	0.0056000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	2	0.0038000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	2	0.0038000	2	0.005900	0.006300	0.006100
DIMETHYL PHTHALATE	2	0.0038000	1	0.005600	0.005600	0.000000
DI-N-BUTYL PHTHALATE	2	0.0030000	1	0.003300	0.003300	0.000000
2,4-DINITROTOLUENE	2	0.0045000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	2	0.0047000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	2	0.0091000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	2	0.0038000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	2	0.0031000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	2	0.0049000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	2	0.0066000	0	0.000000	0.000000	0.000000
ISOPHORONE	2	0.0049000	0	0.000000	0.000000	0.000000
NITROBENZENE	2	0.0048000	0	0.000000	0.000000	0.000000
N-NITROSODIMETHYLAMINE	2	0.0028000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	2	0.0028000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	2	0.0029000	0	0.000000	0.000000	0.000000

## ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2-CHLOROPHENOL	2	0.0052000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	2	0.0038000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	2	0.0038000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	2	0.0084000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	2	0.0049000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	2	0.0066000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	2	0.0073000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	2	0.0070000	2	0.000000	0.011000	0.005500
2,4,6-TRICHLOROPHENOL	2	0.0047000	0	0.000000	0.000000	0.000000

- 9. Properties: Not Applicable
- 10. Method of Packaging: Not Applicable
- 11. Method of release: HOPPER DREDGE
- 12. Procedure and site for tank washing: NOT APPLICABLE

- 13. Approved disposal site:
  - Site No. 24
  - Site Name: COQUILLE RIVER ENTRANCE
  - Geographical position: (NAD 1927)

43E08'26.0" N 124 26'44.0" W 43E00'03.0" N 124 26'08.0" W  
43E08'13.0" N 124 27'00.0" W 43E07'50.0" N 124 26'23.0" W

Depth(ft): Low Depth- 66 High Depth- 0  
Nearest Distance from shore (nm): 0.9

General Comments About The Disposal Site  
Restrictions: Disposal shall be limited to dredged material from the Coquille Estuary and River and adjacent areas.

Reference Site Location:  
Site No: 170  
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

- 14. Disposal Site Management:
  - No disposal management was performed
  - Site Monitoring was performed
  - Chemical Monitoring was performed
  - Physical Monitoring was performed
- 15. Bioassay Elutriate Information (Organisms Tested):
  - No Bioassay testing was done
- 16. Bioassay Solid Phase Information (Organisms Tested):
  - No Bioassay testing was done
- 17. Bioassay Bioaccumulation Information (Organisms Tested):
  - No Bioassay testing was done

- 18. General Comments
  - organotin analysis is pore water g/L
  - Public Notices for COE O&M activities are normally issued for an indefinite period of time.

- 19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2598]
2. Permit start date/expire date: (Federal Project)  
 Location:  
 Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. REEDSPORT  
 UMPQUA RIVER (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters):    76,000
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 05/18/01
  - c. Actual completion: 09/06/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	6	0.4600000	6	3.400000	8.400000	5.550000
ANTIMONY	6	0.1400000	5	0.230000	1.000000	0.482000
MERCURY	6	0.0640000	6	0.074000	0.260000	0.187300
CADMIUM	6	0.1000000	6	0.400000	0.870000	0.600000
LEAD	6	0.0990000	6	3.400000	11.000000	6.620000
COPPER	6	0.1200000	6	14.000000	45.000000	27.000000
NICKEL	6	0.1500000	6	26.000000	63.000000	44.167000
ZINC	6	0.6600000	6	41.000000	86.000000	66.667000
SILVER	6	0.0340000	6	0.078000	0.210000	0.130000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	6	0.0002400	0	0.000000	0.000000	0.000000
CHLORDANE	6	0.0170000	0	0.000000	0.000000	0.000000
DIELDRIN	6	0.0005800	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	6	0.0003500	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	6	0.0007000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	6	0.0007000	0	0.000000	0.000000	0.000000
DDD	6	0.0002800	0	0.000000	0.000000	0.000000
DDE	6	0.0003300	0	0.000000	0.000000	0.000000
DDT	6	0.0004100	0	0.000000	0.000000	0.000000
ENDRIN	6	0.0007400	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	6	0.0008700	0	0.000000	0.000000	0.000000
HEPTACHLOR	6	0.0002600	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	6	0.0004200	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	6	0.0003300	0	0.000000	0.000000	0.000000
BETA-LINDANE	6	0.0005400	0	0.000000	0.000000	0.000000
DELTA-LINDANE	6	0.0003200	0	0.000000	0.000000	0.000000
METHOXYCHLOR	6	0.0020000	0	0.000000	0.000000	0.000000
TOXAPHENE	6	0.0280000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	6	0.0160000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	6	0.0240000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	6	0.0160000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	6	0.0074000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	6	0.0058000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	6	0.0077000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	6	0.0080000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	6	0.0400000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	6	0.0130000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	6	0.0130000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	6	0.0160000	0	0.000000	0.000000	0.000000
CHRYSENE	6	0.0170000	1	0.000000	0.031000	0.000000
BENZO (K) FLUORANTHENE	6	0.0130000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	6	0.0140000	0	0.000000	0.000000	0.000000
FLUORANTHENE	6	0.0072000	5	0.030000	0.068000	0.044000
BENZO (GHI) PERYLENE	6	0.0060000	0	0.000000	0.000000	0.000000
FLUORENE	6	0.0160000	0	0.000000	0.000000	0.000000
PYRENE	6	0.0071000	4	0.028000	0.036000	0.020667
ANTHRACENE	6	0.0190000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	6	0.0170000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	6	0.0150000	0	0.000000	0.000000	0.000000
PHENANTHRENE	6	0.0130000	3	0.020000	0.025000	0.018167
DIBENZE (A, H) ANTHRACENE	6	0.0093000	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYLTIN	6	0.0000170	0	0.000000	0.000000	0.000000
DIBUTYLTIN	6	0.0000120	0	0.000000	0.000000	0.000000
MONOBUTYLTIN	6	0.0000120	0	0.000000	0.000000	0.000000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	14	0.0000000	0	21.440000	59.160000	32.000000
TOTAL ORGANIC CARBON	6	0.0000000	0	6.000000	61.000000	35.167000
% SAND	14	0.0000000	0	21.500000	99.340000	77.590000
% SILT	14	0.0000000	0	0.000000	65.700000	18.935700
% CLAY	14	0.0000000	0	0.640000	12.330000	3.411400

## BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
4-BROMOPHENYL PHENYL ET	6	0.0160000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	6	0.0170000	0	0.000000	0.000000	0.000000
2-CHLORONAPHTHALENE	6	0.0094000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	6	0.0180000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	6	0.0400000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	6	0.0560000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	6	0.0470000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	6	0.0120000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	6	0.0360000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	6	0.0240000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	6	0.1400000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	6	0.0200000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	6	0.0140000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	6	0.0270000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	6	0.0290000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	6	0.0430000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	6	0.0310000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	6	0.0600000	0	0.000000	0.000000	0.000000
NITROBENZENE	6	0.0330000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	6	0.0480000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	6	0.0084000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	6	0.0000000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No. 25

Site Name: UMPQUA RIVER ENTRANCE

Geographical position: (NAD 1927)

43E40'07.0" N 124 14'18.0" W 43E40'07.0" N 124 13'42.0" W

43E39'53.0" N 124 13'42.0" W 43E39'53.0" N 124 14'18.0" W

Depth(ft): Low Depth- 90 High Depth- 105

Nearest Distance from shore (nm): 0.8

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Organotins are pore water mg/L ppm

Public Notices for COE O&M activities are normally issued for an indefinite period of time.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2599]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FLORENCE OREGON  
SIUSLAW RIVER (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 77,400
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 07/12/01
  - c. Actual completion: 07/21/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	2	0.1800000	2	2.900000	3.000000	2.950000
ANTIMONY	2	0.0240000	2	0.120000	0.890000	0.505000
MERCURY	2	0.0330000	0	0.000000	0.000000	0.000000
CADMIUM	2	0.0980000	2	0.130000	0.180000	0.155000
LEAD	2	0.0270000	2	2.800000	3.500000	3.150000
COPPER	2	0.0960000	2	2.700000	3.700000	3.200000
NICKEL	2	0.0870000	2	7.200000	8.900000	8.050000
ZINC	2	0.2100000	2	23.000000	28.000000	25.500000
SILVER	2	0.0570000	0	0.000000	0.000000	0.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	2	0.0001300	0	0.000000	0.000000	0.000000
CHLORDANE	2	0.0089000	0	0.000000	0.000000	0.000000
DIELDRIN	2	0.0003100	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	2	0.0003800	0	0.000000	0.000000	0.000000
DDD	2	0.0001500	0	0.000000	0.000000	0.000000
DDE	2	0.0001800	0	0.000000	0.000000	0.000000
DDT	2	0.0002200	0	0.000000	0.000000	0.000000
ENDRIN	2	0.0004000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	2	0.0004700	0	0.000000	0.000000	0.000000
HEPTACHLOR	2	0.0001400	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	2	0.0002300	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	2	0.0001800	0	0.000000	0.000000	0.000000
BETA-LINDANE	2	0.0002900	0	0.000000	0.000000	0.000000
DELTA-LINDANE	2	0.0001700	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	2	0.0002400	0	0.000000	0.000000	0.000000
METHOXYCHLOR	2	0.0011000	0	0.000000	0.000000	0.000000
TOXAPHENE	2	0.0150000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	2	0.0031000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	2	0.0026000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	2	0.0029000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	2	0.0026000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	2	0.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	2	0.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	2	0.0029000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	2	0.0017000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	2	0.0005400	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	2	0.0004800	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	2	0.0006900	0	0.000000	0.000000	0.000000
CHRYSENE	2	0.0007100	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	2	0.0005600	0	0.000000	0.000000	0.000000
ACENAPHTHENE	2	0.0006000	0	0.000000	0.000000	0.000000
FLUORANTHENE	2	0.0005400	0	0.000000	0.000000	0.000000
BENZO (GHI) PERYLENE	2	0.0002500	0	0.000000	0.000000	0.000000
FLUORENE	2	0.0006900	0	0.000000	0.000000	0.000000
PYRENE	2	0.0004800	0	0.000000	0.000000	0.000000
ANTHRACENE	2	0.0008200	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	2	0.0007000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	2	0.0006300	0	0.000000	0.000000	0.000000
PHENANTHRENE	2	0.0005600	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	2	0.0003900	0	0.000000	0.000000	0.000000

## TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
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TRIBUTYLTIN	1	0.0000520	0	0.000000	0.000000	0.000000
DIBUTYLTIN	1	0.0000370	0	0.000000	0.000000	0.000000
MONOBUTYLTIN	1	0.0000350	0	0.000000	0.000000	0.000000

### CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	8	0.0000000	0	17.390000	26.310000	22.050000
TOTAL ORGANIC CARBON	2	0.0000000	0	1.400000	3.200000	2.300000
% SAND	8	0.0000000	0	98.330000	100.000000	99.240000
% SILT	8	0.0000000	0	0.000000	1.850000	0.910000
% CLAY	8	0.0000000	0	0.000000	0.470000	0.103750

### BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
4-BROMOPHENYL PHENYL ET	2	0.0012000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	2	0.0012000	2	0.001500	0.002000	0.001750
2-CHLORONAPHTHALENE	2	0.0007100	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	2	0.0014000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	2	0.0017000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	2	0.0024000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	2	0.0020000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	2	0.0009100	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	2	0.0018000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	2	0.0027000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	2	0.0110000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	2	0.0015000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	2	0.0011000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	2	0.0020000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	2	0.0021000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	2	0.0018000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	2	0.0013000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	2	0.0025000	0	0.000000	0.000000	0.000000
ISOPHORONE	2	0.0022000	0	0.000000	0.000000	0.000000
NITROBENZENE	2	0.0014000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	2	0.0006300	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	2	0.0011000	0	0.000000	0.000000	0.000000

### ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2-CHLOROPHENOL	2	0.0019000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	2	0.0006200	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	2	0.0022000	0	0.000000	0.000000	0.000000
4,6-DINITRO-O-CRESOL	2	0.0000000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	2	0.0020000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	2	0.0028000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	2	0.0021000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	2	0.0011000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	2	0.0031000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	2	0.0011000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:  
Site No. 26  
Site Name: SIUSLAW RIVER ENTRANCE  
Geographical position: (NAD 1927)

44E01'23.0" N 124 09'37.0" W 44E01'22.0" N 124 09'02.0" W  
44E01'14.0" N 124 09'07.0" W 44E01'24.0" N 124 09'42.0" W

Depth(ft): Low Depth- 69 High Depth- 0  
Nearest Distance from shore (nm): 1.0

Reference Site Location:

Site No: 170  
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:  
No disposal management was performed  
No Site Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done
18. General Comments

Public Notices for COE O&M activities are normally issued for an indefinite period of time.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2600]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. NEWPORT OREGON  
    YAQUINA BAY (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
    SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 116,700
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 08/07/01
  - c. Actual completion: 08/18/01
8. Composition of the dredged material.  
    NO CHEMICAL DATA EXISTS FOR THIS PROJECT
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
    Site No. 27  
    Site Name: YAQUINA BAY AND HARBOR ENTRANCE  
    Geographical position: (NAD 1927)  
  
    44E36'31.0" N 124 06'04.0" W 44E36'31.0" N 124 05'16.0" W  
    44E36'17.0" N 124 05'16.0" W 44E36'17.0" N 124 06'04.0" W  
  
    Depth(ft): Low Depth- 50 High Depth- 59  
    Nearest Distance from shore (nm): 1.2

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Public Notices of COE-O&M activities are normally issued for an indefinite period of time.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NWP [DS= 2601]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / /    Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MOUTH OF THE COLUMBIA RIVER  
MOUTH OF THE COLUMBIA RIVER (MCR) (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: HOPPER DREDGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 2,520,200
7. Expected frequency of dumping (for reporting period):
  - a. INTERMIT
  - b. Actual start: 06/01/01
  - c. Actual completion: 09/25/01
8. Composition of the dredged material.  
NO CHEMICAL DATA EXISTS FOR THIS PROJECT
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: HOPPER DREDGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 45  
Site Name: MOUTH OF COLUMBIA RIVER SITE E (PRE 1997)  
Geographical position: (NAD 1927)  
  
46E15'43.0" N 124E05'21.0" W 46E15'36.0" N 124E05'11.0" W  
46E15'11.0" N 124E05'53.0" W 46E15'18.0" N 124E06'03.0" W  
  
Depth(ft): Low Depth- 52 High Depth- 69  
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the Columbia River entrance channel and adjacent areas.

Site No. 46

Site Name: MOUTH OF COLUMBIA RIVER SITE F (PRE 1992)

Geographical position: (NAD 1927)

46E12'12.0" N 124E09'00.0" W 46E12'00.0" N 124E08'42.0" W  
46E11'48.0" N 124E09'00.0" W 46E12'00.0" N 124E09'18.0" W

Depth(ft): Low Depth- 69 High Depth- 130

Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material from the Columbia River entrance channel and adjacent areas.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Public Notices for COE- O&M activities are normally issued for an indefinite period of time.

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: POA [DS= 2586]
2. Permit start date/expire date: (Federal Project)  
Location:  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. ALASKA  
NOME SMALL BOAT HARBOR (Maintenance)
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: PIPELINE DISCHARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 6,100
7. Expected frequency of dumping (for reporting period):
  - a. INTERMITTE
  - b. Actual start: 06/01/01
  - c. Actual completion: 06/30/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: PIPE ABOVE WATER SURFACE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 69  
Site Name: NOME EAST  
Geographical position: (NAD 1927)  
  
64E29'54. " N 165E24'41. " W 64E29'45. " N 165E23'27. " W  
64E28'57. " N 165E23'29. " W 64E29'07. " N 165E24'25. " W  
  
Depth(ft): Low Depth- 3 High Depth- 39  
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged material from Nome, Alaska, and adjacent areas. Use will be coordinated with the City of Nome prior to dredging.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

No disposal management was performed

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

5,000 CU Yds were disposed in June, an additional 3,000 CU Yds were disposed during emergency dredging in late July, early August.

19. Point of Contact: BARBARA REILLY 907-753-2701

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2644]
2. Permit start date/expire date: (Permitted Project)  
Location: PASSENGER SHIP TERMINAL  
Date issued: 03/12/98 Expire Date: 03/12/01
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. HUDSON RIVER
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 244,500
7. Expected frequency of dumping (for reporting period):
  - a. 3-4 / DAY
  - b. Actual start: 03/23/01
  - c. Actual completion: 04/08/01
8. Composition of the dredged material.  
  
CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 0
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 0  
Site Name: No Disposal Or Reference Site Was Selected  
Geographical position:

Depth(ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 0.0

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

*Menidia berylina*

*Mysidopsis bahia*

*Mytilus edilus*

16. Bioassay Solid Phase Information (Organisms Tested):

*Ampelisca abdita*

*Mysidopsis bahia*

17. Bioassay Bioaccumulation Information (Organisms Tested):

*Nereis virens*

*Macoma nastua*

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2645]
2. Permit start date/expire date: (Permitted Project)  
Location: REFINED SUGARS  
Date issued: 10/13/98 Expire Date: 10/13/01
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. HUDSON RIVER
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 54,000
7. Expected frequency of dumping (for reporting period):
  - a. 3-4 / DAY
  - b. Actual start: 10/02/01
  - c. Actual completion: 10/08/01
8. Composition of the dredged material.  
  
CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 0
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.204  
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)  
Geographical position: (NAD 1983)  
  
40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W  
40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W  
40E21'52. " N 073E53'55. " W  
Depth(ft): Low Depth- 39 High Depth- 160  
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.  
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W	L - 40 25'22", 73 50'44"
B - 40 25'23", 73 53'34"	M - 40 25'39", 73 48'58"
C - 40 25'39", 73 51'48"	N - 40 25'22", 73 49'19"
D - 40 25'22", 73 52'08"	O - 40 21'35", 73 49'19"
E - 40 23'48", 73 51'48"	P - 40 21'19", 73 48'57"
F - 40 23'13", 73 52'09"	Q - 40 21'36", 73 52'08"
G - 40 23'13", 73 51'28"	R - 40 21'19", 73 52'30"
H - 40 22'41", 73 51'28"	S - 40 21'52", 73 53'55"
I - 40 22'41", 73 50'43"	T - 40 22'08", 73 52'08"
J - 40 23'48", 73 51'06"	U - 40 22'08", 73 53'34"
K - 40 25'39", 73 51'06"	V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W    40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

Menidia berylina

Mysidopsis bahia

Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita

Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):

Nereis virens

Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 212-254-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAN [DS= 2646]
2. Permit start date/expire date: (Permitted Project)  
Location: IMTT BAYONNE  
Date issued: 09/04/01 Expire Date: 09/04/04
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. KILL VAN KULL
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 72,600
7. Expected frequency of dumping (for reporting period):
  - a. 3 / DAY
  - b. Actual start: 10/03/01
  - c. Actual completion: 11/05/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
MERCURY	1	0.0000000	0	0.000000	0.000000	0.000003
CADMIUM	1	0.0000000	0	0.000000	0.000000	0.000350
LEAD	1	0.0000000	0	0.000000	0.000000	0.000100
CHROMIUM	1	0.0000000	0	0.000000	0.000000	0.000220
COPPER	1	0.0000000	0	0.000000	0.000000	0.000115
NICKEL	1	0.0000000	0	0.000000	0.000000	0.000596
ZINC	1	0.0000000	0	0.000000	0.000000	0.000191

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No.204

Site Name: HISTORIC AREA REMEDIATION SITE (HARS)

Geographical position: (NAD 1983)

40E25'39. " N 073E53'55. " W 40E25'39. " N 073E48'58. " W

40E21'19. " N 073E48'57. " W 40E21'19. " N 073E52'30. " W

40E21'52. " N 073E53'55. " W

Depth(ft): Low Depth- 39 High Depth- 160

Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site

This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.

Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W L - 40 25'22", 73 50'44"

B - 40 25'23", 73 53'34" M - 40 25'39", 73 48'58"

C - 40 25'39", 73 51'48" N - 40 25'22", 73 49'19"

D - 40 25'22", 73 52'08" O - 40 21'35", 73 49'19"

E - 40 23'48", 73 51'48" P - 40 21'19", 73 48'57"

F - 40 23'13", 73 52'09" Q - 40 21'36", 73 52'08"

G - 40 23'13", 73 51'28" R - 40 21'19", 73 52'30"

H - 40 22'41", 73 51'28" S - 40 21'52", 73 53'55"

I - 40 22'41", 73 50'43" T - 40 22'08", 73 52'08"

J - 40 23'48", 73 51'06" U - 40 22'08", 73 53'34"

K - 40 25'39", 73 51'06" V - 40 21'52", 73 52'30"

Reference Site Location:

Site No: 128

Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40E23'13. " N 073E52'11. " W 40E20'21. "N 073E52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

*Menidia berylina*  
*Mysidopsis bahia*  
*Mytilus edilus*

16. Bioassay Solid Phase Information (Organisms Tested):

*Ampelisca abdita*  
*Mysidopsis bahia*

17. Bioassay Bioaccumulation Information (Organisms Tested):

*Nereis virens*  
*Macoma nasuta*

18. General Comments

The sediment chemical data is not available.

19. Point of Contact: THOMAS WYCHE 212-264-1851

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2634]
2. Permit start date/expire date: (Permitted Project)  
 Location: DAVID MCCUE  
 Date issued: 08/21/00 Expire Date: 08/21/03
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MANCHESTER HARBOR, MANCHESTER, MA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 CLUMPED or COHESIVE
6. Total quantity (cubic meters): 1,800
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER DAY
  - b. Actual start: 01/04/01
  - c. Actual completion: 01/06/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	1	1.6000000	1	3.100000	3.100000	3.100000
MERCURY	1	0.0850000	1	0.310000	0.310000	0.310000
CADMIUM	1	0.7800000	1	1.100000	1.100000	1.100000
LEAD	1	16.0000000	1	51.000000	51.000000	51.000000
CHROMIUM	1	1.6000000	1	79.000000	79.000000	79.000000
COPPER	1	3.9000000	1	26.000000	26.000000	26.000000
NICKEL	1	6.2000000	1	11.000000	11.000000	11.000000
ZINC	1	7.8000000	1	120.000000	120.000000	120.000000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	1	40.0000000	0	0.000000	0.000000	0.000000
CHLORDANE	1	81.0000000	0	0.000000	0.000000	0.000000
DIELDRIN	1	81.0000000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	1	40.0000000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	1	81.0000000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	1	81.0000000	0	0.000000	0.000000	0.000000
DDD	1	81.0000000	1	280.000000	280.000000	280.000000
DDE	1	81.0000000	1	110.000000	110.000000	110.000000
DDT	1	81.0000000	1	81.000000	81.000000	81.000000
ENDRIN	1	81.0000000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	1	81.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR	1	40.0000000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	1	0.0000000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	1	40.0000000	0	0.000000	0.000000	0.000000
BETA-LINDANE	1	40.0000000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	1	40.0000000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	1	40.0000000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	1	40.0000000	0	0.000000	0.000000	0.000000
TOXAPHENE	1	0.0000000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	1	4.0000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	1	4.0000000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	1	0.0200000	1	0.045000	0.045000	0.045000
BENZO (A) ANTHRACENE	1	0.0200000	1	0.140000	0.140000	0.140000
BENZO (B) FLUORANTHENE	1	0.0200000	1	0.170000	0.170000	0.170000
ACENAPHTHYLENE	1	0.0200000	1	0.033000	0.033000	0.033000
CHRYSENE	1	0.0200000	1	0.170000	0.170000	0.170000
BENZO (K) FLUORANTHENE	1	0.0200000	1	0.072000	0.072000	0.072000
ACENAPHTHENE	1	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	1	0.0200000	1	0.270000	0.270000	0.270000
BENZO (GHI) PERYLENE	1	0.0200000	1	0.150000	0.150000	0.150000
FLUORENE	1	0.0200000	1	0.022000	0.022000	0.022000
PYRENE	1	0.0200000	1	0.270000	0.270000	0.270000
ANTHRACENE	1	0.0200000	1	0.053000	0.053000	0.053000
BENZO (A) PYRENE	1	0.0200000	1	0.190000	0.190000	0.190000
INDENO (1, 2, 3-CD) PYRENE	1	0.0200000	1	0.170000	0.170000	0.170000
PHENANTHRENE	1	0.0200000	1	0.190000	0.190000	0.190000
DIBENZE (A, H) ANTHRACENE	1	0.0200000	1	0.035000	0.035000	0.035000

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	1	0.0000000	1	1.400000	1.400000	1.400000
% CLAY	2	0.0000000	2	56.000000	75.000000	65.500000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:

42E25'06" N 070E35'00" W

Depth(ft): Low Depth- 272 High Depth- 302

Nearest Distance from shore (nm): 11.5

### General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

### Reference Site Location:

Site No: 167

Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
  - Seasonal restrictions were enforced
  - Site Monitoring was performed
  - Bathymetry Monitoring was performed
  - Chemical Monitoring was performed
  - Physical Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):
  - No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):
  - No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):
  - No Bioassay testing was done
18. General Comments
  - #199702992. (Permit originally issued to Alan Wilson)
  - %fines reported as %silt.
19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2635]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF QUINCY, MA  
Date issued: 06/02/97 Expire Date: 06/02/02
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. QUINCY BAY, WOLLASTON & SQUANTUM YACHT CLUBS
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 10,700
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER DAY
  - b. Actual start: 02/08/01
  - c. Actual completion: 02/24/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 1998

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:

Site No: 167

Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Site Monitoring was performed

Bathymetry Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Permit # 1997-01243

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2636]
2. Permit start date/expire date: (Permitted Project)  
Location: MADEM/ TOWN OF HULL, MA  
Date issued: 10/16/00 Expire Date: 10/16/03
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. NANTASKET PIER, WEIR RIVER
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 25,100
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER DAY
  - b. Actual start: 01/02/01
  - c. Actual completion: 01/25/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 2000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

#### General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

#### Reference Site Location:

Site No: 167

Site Name: MASS BAY REFERENCE (1992 AND LATER)

#### Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

#### 14. Disposal Site Management:

Seasonal restrictions were enforced

Site Monitoring was performed

Bathymetry Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

#### 15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

#### 16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

#### 17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

#### 18. General Comments

Permit #199902220,

#### 19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2637]
2. Permit start date/expire date: (Permitted Project)  
 Location: MERRILL INDUSTRIES  
 Date issued: / /      Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FORE RIVER, PORTLAND, ME
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 CLUMPED or COHESIVE
6. Total quantity (cubic meters):    12,300
7. Expected frequency of dumping (for reporting period):
  - a. 1 / 2DAYS
  - b. Actual start: 01/31/01
  - c. Actual completion: 02/07/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	5	0.5000000	3	0.100000	3.300000	1.600000
MERCURY	5	0.0400000	2	0.002500	0.008000	0.004600
CADMIUM	5	0.1000000	5	0.100000	0.170000	0.136000
LEAD	5	0.2000000	5	5.800000	11.000000	8.580000
CHROMIUM	5	0.4000000	5	18.000000	40.000000	29.800000
COPPER	5	0.2000000	3	0.400000	2.000000	0.980000
NICKEL	5	0.5000000	5	11.000000	28.000000	20.000000
ZINC	5	50.0000000	5	44.000000	83.000000	65.600000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	5	0.0050000	0	0.000000	0.000000	0.000000
ALPHA-CHLORDANE	5	0.0100000	0	0.000000	0.000000	0.000000
DIELDRIN	5	0.0100000	0	0.000000	0.000000	0.000000
DDD	5	0.0100000	0	0.000000	0.000000	0.000000
DDE	5	0.0100000	0	0.000000	0.000000	0.000000
DDT	5	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN	5	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	5	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR	5	0.0050000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	5	0.0050000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	5	0.0050000	0	0.000000	0.000000	0.000000
BETA-LINDANE	5	0.0050000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	5	0.0050000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	5	0.0050000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	5	0.0100000	0	0.000000	0.000000	0.000000
TOXAPHENE	5	0.0200000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	5	0.0200000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	5	0.0200000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (B) FLUORANTHENE	5	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	5	0.0200000	0	0.000000	0.000000	0.000000
CHRYSENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (K) FLUORANTHENE	5	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	5	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	5	0.0200000	2	0.010000	0.030000	0.016000
BENZO (GHI) PERYLENE	5	0.0200000	0	0.000000	0.000000	0.000000
FLUORENE	5	0.0200000	0	0.000000	0.000000	0.000000
PYRENE	5	0.0200000	1	0.010000	0.040000	0.016000
ANTHRACENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	5	0.0200000	0	0.000000	0.000000	0.000000
INDENO (1, 2, 3-CD) PYRENE	5	0.0200000	0	0.000000	0.000000	0.000000
PHENANTHRENE	5	0.0200000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	5	0.0200000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	5	0.0100000	5	0.140000	0.260000	0.220000
% SAND	5	0.0000000	5	9.300000	22.970000	14.210000
% CLAY	5	0.0000000	5	77.030000	90.700000	85.790000

- 9. Properties: Not Applicable
- 10. Method of Packaging: Not Applicable
- 11. Method of release: DUMP SCOW OR BARGE
- 12. Procedure and site for tank washing: NOT APPLICABLE
- 13. Approved disposal site:  
 Site No. 76  
 Site Name: PORTLAND  
 Geographical position: (NAD 1927)

Center of Site is:  
 43E43'36.4" N 70E02'39.5" W 43E33'36.3" N 70E02'39.5" W  
 43E33'36.2" N 70E01'16.9" W 43E43'36.4" N 70E02'39.5" W

Depth(ft): Low Depth- 136 High Depth- 226  
 Nearest Distance from shore (nm): 7.1

General Comments About The Disposal Site  
 Restriction: Disposal shall be limited to dredged material.  
 latitude/longitude updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:  
 Site No: 169  
 Site Name: PORTLAND REFERENCE

Geographical position:  
 43E38'36.0" N 069E59'00.6" W  
 Depth (ft): Low Depth- 0 High Depth- 0  
 Nearest Distance from shore (nm): 0.0

- 14. Disposal Site Management:  
 Seasonal restrictions were enforced  
 Site Monitoring was performed  
 Bathymetry Monitoring was performed  
 Chemical Monitoring was performed  
 Physical Monitoring was performed
- 15. Bioassay Elutriate Information (Organisms Tested):  
 No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Permit #199702735.

% fines given as %clay.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2638]
2. Permit start date/expire date: (Permitted Project)  
 Location: TOWN OF HULL, MA  
 Date issued: 03/31/00 Expire Date: 03/31/03
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. PEMBERTON PIER, HULL BAY
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 CLUMPED or COHESIVE
6. Total quantity (cubic meters): 2,100
7. Expected frequency of dumping (for reporting period):
  - a. 2 PER WEEK
  - b. Actual start: 10/13/01
  - c. Actual completion: 10/17/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% SAND	3	0.0000000	3	42.790000	75.900000	59.950000
% SILT	3	0.0000000	3	3.110000	3.820000	3.450000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

#### General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

#### Reference Site Location:

Site No: 167  
Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W  
Depth (ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:  
Seasonal restrictions were enforced  
Site Monitoring was performed  
Bathymetry Monitoring was performed  
Chemical Monitoring was performed  
Physical Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):  
No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done
17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done

18. General Comments

Permit #199902633

% fines reported as %silt.

Only grain size was analyzed.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

## Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2639]
2. Permit start date/expire date: (Permitted Project)  
 Location: NORTHEAST PETROLEUM, CARGILL ENERGY  
 Date issued: 12/08/98    Expire Date: 09/25/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FORE RIVER, SOUTH PORTLAND, ME
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 CLUMPED or COHESIVE
6. Total quantity (cubic meters):    5,400
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER WEEK
  - b. Actual start: 12/05/01
  - c. Actual completion: 12/27/01
8. Composition of the dredged material.

### Chemical Data For This Dredging Project (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

#### Sediment Chemical Characteristics

#### METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	8	0.2000000	8	8.800000	12.000000	10.280000
MERCURY	8	0.0200000	8	0.030000	0.420000	0.170000
CADMIUM	8	0.0300000	4	0.020000	0.290000	0.090000
LEAD	8	0.4000000	8	23.500000	72.200000	40.780000
CHROMIUM	8	0.1500000	8	35.300000	51.900000	43.090000
COPPER	8	0.1000000	8	23.600000	35.000000	28.410000
NICKEL	8	0.7000000	8	24.500000	35.200000	30.050000
ZINC	8	0.3000000	8	102.000000	139.000000	114.250000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	8	0.0004000	0	0.000000	0.000000	0.000000
CHLORDANE	8	0.0003000	0	0.000000	0.000000	0.000000
DIELDRIN	8	0.0002000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	8	0.0002000	2	0.000200	0.001800	0.000500
BETA-ENDOSULFAN	8	0.0002000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	8	0.0003000	0	0.000000	0.000000	0.000000
DDD	8	0.0002000	6	0.000200	0.033000	0.009000
DDE	8	0.0001500	5	0.000100	0.005800	0.000500
DDT	8	0.0002000	0	0.000000	0.000000	0.000000
ENDRIN	8	0.0002000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	8	0.0030000	0	0.000000	0.000000	0.000000
HEPTACHLOR	8	0.0005000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	8	0.0003000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	8	0.0008000	0	0.000000	0.000000	0.000000
BETA-LINDANE	8	0.0004000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	8	0.0003000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	8	0.0003000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	8	0.0003000	0	0.000000	0.000000	0.000000
TOXAPHENE	8	0.0060000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	8	0.0045000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	8	0.0090000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	8	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	8	0.0110000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	8	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	8	0.0045000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	8	0.0030000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	10	0.0200000	9	0.004000	0.800000	0.120000
BENZO (A) ANTHRACENE	10	0.0200000	10	0.012000	8.500000	1.210000
BENZO (B) FLUORANTHENE	10	0.0200000	9	0.004000	7.300000	1.150000
ACENAPHTHYLENE	10	0.0200000	9	0.004000	1.000000	0.130000
CHRYSENE	10	0.0200000	10	0.013000	5.800000	0.910000
BENZO (K) FLUORANTHENE	10	0.0200000	9	0.004000	3.200000	0.490000
ACENAPHTHENE	10	0.0200000	9	0.004000	1.900000	0.260000
FLUORANTHENE	10	0.0200000	10	0.021000	20.000000	2.870000
BENZO (GHI) PERYLENE	10	0.0200000	10	0.004000	3.500000	0.520000
FLUORENE	10	0.0200000	9	0.004000	2.700000	0.320000
PYRENE	10	0.0200000	10	0.026000	20.000000	2.870000
ANTHRACENE	10	0.0200000	9	0.004000	7.000000	0.850000
BENZO (A) PYRENE	10	0.0200000	9	0.004000	6.800000	1.020000
INDENO (1, 2, 3-CD) PYRENE	10	0.0200000	9	0.004000	3.900000	0.580000
PHENANTHRENE	10	0.0200000	10	0.012000	19.000000	2.220000
DIBENZE (A, H) ANTHRACENE	10	0.0200000	9	0.004000	0.580000	0.100000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	8	0.0000000	8	0.320000	2.300000	1.100000
% SAND	8	0.0000000	8	3.700000	25.000000	15.450000
% CLAY	8	0.0000000	8	75.000000	96.300000	84.550000

- 9. Properties: Not Applicable
- 10. Method of Packaging: Not Applicable
- 11. Method of release: DUMP SCOW OR BARGE
- 12. Procedure and site for tank washing: NOT APPLICABLE
- 13. Approved disposal site:  
 Site No. 76  
 Site Name: PORTLAND  
 Geographical position: (NAD 1927)

Center of Site is:  
 43E43'36.4" N 70E02'39.5" W 43E33'36.3" N 70E02'39.5" W  
 43E33'36.2" N 70E01'16.9" W 43E43'36.4" N 70E02'39.5" W

Depth(ft): Low Depth- 136 High Depth- 226  
 Nearest Distance from shore (nm): 7.1

General Comments About The Disposal Site  
 Restriction: Disposal shall be limited to dredged material.  
 latitude/longitude updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:  
 Site No: 169  
 Site Name: PORTLAND REFERENCE

Geographical position:  
 43E38'36.0" N 069E59'00.6" W  
 Depth (ft): Low Depth- 0 High Depth- 0  
 Nearest Distance from shore (nm): 0.0

- 14. Disposal Site Management:  
 Seasonal restrictions were enforced  
 Site Monitoring was performed  
 Bathymetry Monitoring was performed  
 Chemical Monitoring was performed  
 Physical Monitoring was performed

- 15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):  
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):  
No Bioassay testing was done

18. General Comments

Permit #1998-03453.  
%fines reported as %clay.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2640]
2. Permit start date/expire date: (Permitted Project)  
Location: TOWN OF MANCHESTER, MA  
Date issued: 01/25/01 Expire Date: 01/25/04
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MANCHESTER HARBOR
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 7,400
7. Expected frequency of dumping (for reporting period):
  - a. 1 / 2 DAYS
  - b. Actual start: 12/07/01
  - c. Actual completion: 12/27/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	10	0.000000	10	0.700000	17.000000	7.130000
MERCURY	10	0.000000	10	0.030000	2.100000	0.490000
CADMIUM	10	0.000000	10	0.350000	2.700000	1.400000
LEAD	10	0.000000	10	7.000000	700.000000	133.030000
CHROMIUM	10	0.000000	10	8.500000	290.000000	110.290000
COPPER	10	0.000000	10	3.800000	120.000000	57.010000
NICKEL	10	0.000000	10	2.800000	20.000000	13.160000
ZINC	10	17.000000	10	200.000000	200.000000	117.050000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	10	0.0100000	0	0.000000	0.000000	0.000000
CHLORDANE	10	0.1000000	0	0.000000	0.000000	0.000000
DIELDRIN	10	0.0200000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	10	0.0200000	0	0.000000	0.000000	0.000000
DDD	10	0.0200000	8	0.000960	0.087000	0.029500
DDE	10	0.0200000	8	0.000730	0.027000	0.008790
DDT	10	0.0200000	7	0.000300	0.022000	0.008840
ENDRIN	10	0.0200000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	10	0.0200000	0	0.000000	0.000000	0.000000
HEPTACHLOR	10	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	10	0.0100000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	10	0.0100000	0	0.000000	0.000000	0.000000
BETA-LINDANE	10	0.0100000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	10	0.0100000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	10	0.0100000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	10	0.1000000	0	0.000000	0.000000	0.000000
TOXAPHENE	10	0.5000000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	10	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	10	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	10	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	10	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	10	0.0060000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	10	0.0060000	1	0.022000	0.022000	0.022000
AROCHLOR 1260	10	0.0060000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	10	0.0200000	8	0.007500	0.200000	0.059150
BENZO (A) ANTHRACENE	10	0.0200000	10	0.042000	1.900000	0.656200
BENZO (B) FLUORANTHENE	10	0.0200000	8	0.010000	3.300000	1.064500
ACENAPHTHYLENE	10	0.0200000	8	0.007500	0.380000	0.146250
CHRYSENE	10	0.0200000	10	0.047000	2.400000	0.904700
BENZO (K) FLUORANTHENE	10	0.0200000	8	0.010000	1.200000	0.324000
ACENAPHTHENE	10	0.0200000	8	0.007500	0.130000	0.038580
FLUORANTHENE	10	0.0200000	10	0.081000	4.000000	1.625100
BENZO (GHI) PERYLENE	10	0.0200000	8	0.010000	0.760000	0.299000
FLUORENE	10	0.0200000	7	0.007500	0.200000	0.059050
PYRENE	10	0.0200000	10	0.083000	3.600000	1.304300
ANTHRACENE	10	0.0200000	8	0.007500	0.670000	0.210550
BENZO (A) PYRENE	10	0.0200000	8	0.010000	2.200000	0.706900
INDENO (1, 2, 3-CD) PYRENE	10	0.0200000	8	0.010000	0.800000	0.325100
PHENANTHRENE	10	0.0200000	10	0.042000	2.300000	0.804200
DIBENZE (A, H) ANTHRACENE	10	0.0200000	7	0.007500	0.250000	0.093050

## CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	10	0.0000000	10	0.490000	2.300000	1.420000
% CLAY	10	0.0000000	10	8.750000	92.000000	51.580000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

### General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

### Reference Site Location:

Site No: 167  
Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W  
Depth (ft): Low Depth- 0 High Depth- 0  
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
  - Seasonal restrictions were enforced
  - Site Monitoring was performed
  - Bathymetry Monitoring was performed
  - Chemical Monitoring was performed
  - Physical Monitoring was performed
15. Bioassay Elutriate Information (Organisms Tested):
  - No Bioassay testing was done
16. Bioassay Solid Phase Information (Organisms Tested):
  - Ampelisca abdita*
17. Bioassay Bioaccumulation Information (Organisms Tested):
  - Nereis virens*
  - Macoma nasuta*
18. General Comments
  - Permit #199702969
  - % fines reported as "% silt"
19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2641]
2. Permit start date/expire date: (Permitted Project)  
Location: MASS HIGHWAY DEPARTMENT  
Date issued: / / Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. FORT POINT CHANNEL, BOSTON, MA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters): 8,600
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER WEEK
  - b. Actual start: 01/24/01
  - c. Actual completion: 05/24/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 1999

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 2  
Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
42E25'06" N 070E35'00" W  
Depth(ft): Low Depth- 272 High Depth- 302  
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site

Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:

Site No: 167

Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42E22'42.0" N 070E30'18.0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

Site Monitoring was performed

Bathymetry Monitoring was performed

Chemical Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Permit #199101378, Modifications 33 and 34

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: NAE [DS= 2642]
2. Permit start date/expire date: (Permitted Project)  
Location: SMP TRUST  
Date issued: 08/01/01    Expire Date: 01/11/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CHELSEA CREEK, CHELSEA, MA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
CLUMPED or COHESIVE
6. Total quantity (cubic meters):    29,400
7. Expected frequency of dumping (for reporting period):
  - a. 1 PER DAY
  - b. Actual start: 10/21/01
  - c. Actual completion: 12/10/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	5	0.500000	4	0.100000	9.620000	6.220000
MERCURY	5	0.002000	0	0.000000	0.000000	0.000000
CADMIUM	5	0.100000	3	0.050000	0.872000	0.390000
LEAD	5	1.000000	5	3.020000	10.400000	7.210000
CHROMIUM	5	1.000000	5	8.250000	37.400000	20.100000
COPPER	5	1.000000	5	1.530000	16.100000	10.510000
NICKEL	5	1.000000	5	5.520000	19.100000	12.750000
ZINC	5	1.000000	5	16.400000	56.000000	38.280000

## PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	5	0.0100000	0	0.000000	0.000000	0.000000
CHLORDANE	5	0.0100000	0	0.000000	0.000000	0.000000
DIELDRIN	5	0.0100000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	5	0.0100000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	5	0.0100000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	5	0.0100000	0	0.000000	0.000000	0.000000
DDD	5	0.0100000	0	0.000000	0.000000	0.000000
DDE	5	0.0100000	0	0.000000	0.000000	0.000000
DDT	5	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN	5	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	5	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR	5	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	5	0.0100000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	5	0.0100000	0	0.000000	0.000000	0.000000
BETA-LINDANE	5	0.0100000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	5	0.0100000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	5	0.0100000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	5	0.0100000	0	0.000000	0.000000	0.000000
TOXAPHENE	5	0.0100000	0	0.000000	0.000000	0.000000

## PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	5	0.5000000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	5	0.5000000	0	0.000000	0.000000	0.000000

## PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) ANTHRACENE	5	0.0200000	1	0.010000	0.023000	0.013000
BENZO (B) FLUORANTHENE	5	0.0100000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	5	0.0200000	0	0.000000	0.000000	0.000000
CHRYSENE	5	0.0200000	1	0.010000	0.026000	0.013000
BENZO (K) FLUORANTHENE	5	0.0200000	1	0.010000	0.022000	0.012000
ACENAPHTHENE	5	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	5	0.0200000	1	0.010000	0.041000	0.016000
BENZO (GHI) PERYLENE	5	0.0200000	0	0.000000	0.000000	0.000000
FLUORENE	5	0.0200000	0	0.000000	0.000000	0.000000
PYRENE	5	0.0200000	1	0.010000	0.043000	0.016000
ANTHRACENE	5	0.0200000	0	0.000000	0.000000	0.000000
BENZO (A) PYRENE	5	0.0200000	1	0.010000	0.022000	0.012000
INDENO (1, 2, 3-CD) PYRENE	5	0.0200000	0	0.000000	0.000000	0.000000
PHENANTHRENE	5	0.0200000	0	0.000000	0.000000	0.000000
DIBENZE (A, H) ANTHRACENE	5	0.0200000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	5	0.0000000	5	7.300000	21.000000	15.600000
TOTAL ORGANIC CARBON	5	0.0500000	5	0.102000	0.180000	0.130000
% SAND	10	0.0000000	10	17.500000	88.500000	41.230000
% CLAY	10	0.0000000	10	1.300000	75.500000	39.470000

- 9. Properties: Not Applicable
- 10. Method of Packaging: Not Applicable
- 11. Method of release: DUMP SCOW OR BARGE
- 12. Procedure and site for tank washing: NOT APPLICABLE
- 13. Approved disposal site:  
 Site No. 2  
 Site Name: MASSACHUSETTS BAY DISPOSAL SITE  
 Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:  
 42E25'06" N 070E35'00" W  
 Depth(ft): Low Depth- 272 High Depth- 302  
 Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site  
 Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.  
 updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:  
 Site No: 167  
 Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)  
 42E22'42.0" N 070E30'18.0" W  
 Depth (ft): Low Depth- 0 High Depth- 0  
 Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
  - Seasonal restrictions were enforced
  - Site Monitoring was performed
  - Bathymetry Monitoring was performed
  - Chemical Monitoring was performed
  - Physical Monitoring was performed
  
15. Bioassay Elutriate Information (Organisms Tested):
  - Menidia berylina*
  - Mysidopsis bahia*
  
16. Bioassay Solid Phase Information (Organisms Tested):
  - Ampelisca abdita*
  
17. Bioassay Bioaccumulation Information (Organisms Tested):
  - Macoma nasuta*
  - Nereis virens*
  
18. General Comments
  - File #199901014. Formerly named Eastern Minerals
  - % fines were reported as %clay.
  
19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAC [DS= 2602]
2. Permit start date/expire date: (Permitted Project)  
Location: SOUTH CAROLINA STATE PORTS AUTHORITY  
Date issued: 03/10/00 Expire Date: 03/31/10
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. WANDO WELCH TERMINAL
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 28,600
7. Expected frequency of dumping (for reporting period):
  - a. TEN MONTHS
  - b. Actual start: 05/25/01
  - c. Actual completion: 06/26/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 65  
Site Name: CHARLESTON  
Geographical position: (NAD 1927)

32E40'27.0" N 079E47'22.0" W 32E39'04.0" N 079E44'25.0" W  
32E38'07.0" N 079E45'03.0" W 32E39'30.0" N 079E48'00.0" W

Depth(ft): Low Depth- 36 High Depth- 0  
Nearest Distance from shore (nm): 0.0

#### General Comments About The Disposal Site

This site replaced by the Charleston ODMDS which encompasses this site. This site was de-designated on October 23, 1995. (Robin Socha 7/24/2000)

#### Reference Site Location:

Site No: 188

Site Name: REFERENCE SITE (WANDO TERMINAL)

Geographical position (NAD 1927)

Depth (ft): Low Depth- 40 High Depth- 40

Nearest Distance from shore (nm): 0.0

#### General Comments About The Reference Site

LORAN C COORDINATES: 45464.7, 60424.3.

SAMPLED ON 12 MAR 1991

#### 14. Disposal Site Management:

Selective Disposal was used

No Site Monitoring was performed

#### 15. Bioassay Elutriate Information (Organisms Tested):

*Menidia beryllina*

*Mysidopsis bahia*

*Arbacia punctulata*

#### 16. Bioassay Solid Phase Information (Organisms Tested):

*Mysidopsis bahia*

*Ampelisca abdita*

#### 17. Bioassay Bioaccumulation Information (Organisms Tested):

*Macoma nasuta*

*Neris virens*

## 18. General Comments

1. This project included all maintenance.
2. The coordinates for the reference site are as follows: 32 degrees 43.30N & 79 degrees 41.18W.
3. No chemistry was performed this year.
4. The bathymetry is conducted before and after each dredging/disposal project, as required by the permit.
5. Material was placed on specific dump lines and areas around the inside perimeter of the ODMDS as designated by the Corps.
6. Within the larger ODMDS live bottoms exist in the western half. As a result, we dispose of material in the eastern portion of the site. The coordinates of the larger ODMDS are:  
32 deg.38'06"N, 79 deg.41'57"W  
32 deg.40'42"N, 79 deg.47'30"W  
32 deg.39'04"N, 79 deg.49'21"W  
32 deg.36'28"N, 79 deg.43'48"W  
All material is placed in this larger site east of line between the following coordinates:  
32 deg.39'04"N, 79 deg. 44'25"W  
32 deg.37'24"N, 79 deg.43'48"W
7. TOC data is in mg/Kg not in %.
7. All Lindane chemistry is listed as BHC in data.

19. Point of Contact: DEBRA KING 843-329-8044

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SAW [DS= 2605]
2. Permit start date/expire date: (Permitted Project)  
Location: MILITARY OCEAN TERMINAL, SUNNY POINT (MOTSU)  
Date issued: 02/21/01 Expire Date: / /
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. MILITARY OCEAN TERMINAL, SOUTHPORT, NC
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,146,200
7. Expected frequency of dumping (for reporting period):
  - a. 4L/D,7D/WK
  - b. Actual start: 09/22/01
  - c. Actual completion: 12/29/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
Material was EXCLUDED from testing

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No.165  
Site Name: WILMINGTON HARBOR 1985 -  
Geographical position: (NAD 1927)

33E49'30.0" N 078E03'06.0" W 33E48'18.0" N 078E01'39.0" W  
33E47'19.0" N 078E02'48.0" W 33E48'30.0" N 078E04'16.0" W

Depth(ft): Low Depth- 43 High Depth- 0  
Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site

Restriction: Disposal shall be limited to the dredged material from Wilmington Harbor area.

This site is inside the boundaries of the old Wilmington Harbor Interim site.

Final Designation 08/03/1987

Reference Site Location:

Site No: 196

Site Name: WHREF

Geographical position (NAD 1927)

33E46'52.7" N 078E03'26.5" W 33E46'26.2"N 078E02'53.6" W  
33E45'47.0" N 078E03'37.3" W 33E46'14.4"N 078E04'11.3" W  
0E0'0" N 0E0'0" W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site

added by Jenny Owens, 10/23/1997

14. Disposal Site Management:

No disposal management was performed

Site Monitoring was performed

Bathymetry Monitoring was performed

Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Scows Comet and Ranger were utilized.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2616]
2. Permit start date/expire date: (Permitted Project)  
Location: U.S. NAVY  
Date issued: 07/12/00 Expire Date: 07/11/04
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. SAN DIEGO BAY (PIER 700A PROJECT) CONTINUED FROM YR. 2000
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 70,300
7. Expected frequency of dumping (for reporting period):
  - a.
  - b. Actual start: / /
  - c. Actual completion: / /
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 38  
Site Name: SAN DIEGO 100 FATHOM (LA-5)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
32E36'50.0" N 117E20'40.0" W  
Depth(ft): Low Depth- 460 High Depth- 660  
Nearest Distance from shore (nm): 6.0

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged materials that comply with EPA's Ocean Dumping Regulations and Corps Permitting Regulations.

Coordinates modified 9/24/96 per David Zoutendyk.

Reference Site Location:

Site No: 191

Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:

Seasonal restrictions were enforced

Selective Disposal was used

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Pier 700A--Homeport II project. File No. 9820-04900-RLK. Note: data available for viewing at L.A. District and S.D. Field Office.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2617]
2. Permit start date/expire date: (Permitted Project)  
Location: SUNSET HARBOR MAINTENANCE DREDGING PROJECT  
Date issued: 03/10/98 Expire Date: 01/26/02
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. SUNSET BAY, ORANGE COUNTY, CA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 32,400
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 01/01/01
  - c. Actual completion: 03/15/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 36  
Site Name: LOS ANGELES/LONG BEACH (LA-2)  
Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E37'06.0" N 118E17'24.0" W  
Depth(ft): Low Depth- 380 High Depth- 1060  
Nearest Distance from shore (nm): 5.2

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged materials that comply with EPA's Ocean Dumping Regulations.

Reference Site Location:

Site No: 195

Site Name: LA-2 REFERENCE

Geographical position (NAD 1927)

33E 33' 11. N 118E 10' 49. W

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

added by David Zoutendyk 10/22/1997

14. Disposal Site Management:

Seasonal restrictions were enforced

Site Monitoring was performed

Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

All material placed at LA-2. 42,397 placed. Carryover project from yr 2000. File no. 97-087-R. See yr 2000 notes.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2618]
2. Permit start date/expire date: (Permitted Project)  
 Location: U.S. NAVY  
 Date issued: 02/21/01 Expire Date: 02/21/03
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. ARCO DRY DOCK FACILITY, POINT LOMA, SAN DIEGO CTY, CA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HYDRAULIC DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 7,800
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 03/02/01
  - c. Actual completion: 03/22/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	0.1000000	0	4.700000	5.800000	5.120000
MERCURY	3	0.0200000	0	0.035000	0.017000	0.081000
CADMIUM	3	0.1000000	0	0.320000	0.440000	0.390000
LEAD	3	0.1000000	0	14.900000	19.200000	17.100000
CHROMIUM	3	0.1000000	0	19.700000	24.400000	22.470000
COPPER	3	0.1000000	0	52.400000	67.800000	59.830000
NICKEL	3	0.0000000	0	7.710000	9.650000	8.900000
SELENIUM	3	0.1000000	0	0.870000	0.950000	0.920000
SILVER	3	0.1000000	0	0.270000	0.460000	0.350000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	3	20.0000000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	3	5.0000000	0	29.600000	50.800000	43.230000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL ORGANIC CARBON	3	0.0100000	0	0.607000	0.878000	0.706000
% SAND	3	0.1000000	0	35.400000	43.000000	45.900000
% SILT	3	0.1000000	0	40.100000	46.800000	43.600000
% CLAY	3	0.1000000	0	10.400000	12.200000	11.700000

- 9. Properties: Not Applicable
- 10. Method of Packaging: Not Applicable
- 11. Method of release: DUMP SCOW OR BARGE
- 12. Procedure and site for tank washing: NOT APPLICABLE
- 13. Approved disposal site:  
 Site No. 38  
 Site Name: SAN DIEGO 100 FATHOM (LA-5)  
 Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
 32E36'50.0" N 117E20'40.0" W  
 Depth(ft): Low Depth- 460 High Depth- 660  
 Nearest Distance from shore (nm): 6.0

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged materials that comply with EPA's Ocean Dumping Regulations and Corps Permitting Regulations.  
 Coordinates modified 9/24/96 per David Zoutendyk.

Reference Site Location:

Site No: 191

Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0

Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site

Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

*Mytilus edulis*

*Menidia beryllina*

*Mysidopsis bahia*

*Nereis virens*

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Full sediment chemistry including bioassay report available for viewing at San Diego Field Office. 10,200 cy placed. 20,000 authorized.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2619]
2. Permit start date/expire date: (Permitted Project)  
 Location: US COAST GUARD  
 Date issued: 04/20/01 Expire Date: 03/15/02
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. CORONA DEL MAR
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: MECHANICAL DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
 SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 1,100
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 07/09/01
  - c. Actual completion: 07/10/01
8. Composition of the dredged material.

Chemical Data For This Dredging Project  
 (ug/g or ppm unless otherwise indicated)

(Not Known if data calculated on a Wet or Dry Basis)

Sediment Chemical Characteristics

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% CLAY	2	0.0000000	0	0.000000	0.000000	0.400000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
 Site No. 17

Site Name: NEWPORT BEACH (LA-3)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E41'42.0" N 117E54'48. " W  
Depth(ft): Low Depth- 1500 High Depth- 0  
Nearest Distance from shore (nm): 4.3

Reference Site Location:

Site No: 121  
Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:

No disposal management was performed  
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Data available at LA District Office. File No. 2001-00515.  
Organochlorine pesticides (EPA 8081): all ND. Polychlorinated  
Biphenyls (EPA 8082): all ND. All chemistry detects were  
reported at low levels, not warranting Tier III evaluation.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2620]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF NEWPORT BEACH  
Date issued: 10/10/00 Expire Date: 07/24/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. 720 W. BAY AVE (NEWPORT YACHT CLUB) LOWER NEWPORT BAY, ORANG
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 500
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 01/11/01
  - c. Actual completion: 01/11/01
8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WAS REPORTED IN 2000

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 38  
Site Name: SAN DIEGO 100 FATHOM (LA-5)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
32E36'50.0" N 117E20'40.0" W  
Depth(ft): Low Depth- 460 High Depth- 660  
Nearest Distance from shore (nm): 6.0

General Comments About The Disposal Site

Restrictions: Disposal shall be limited to dredged materials that comply with EPA's Ocean Dumping Regulations and Corps Permitting Regulations.

Coordinates modified 9/24/96 per David Zoutendyk.

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport File (yr 2000). Corps file no. 2000-01818.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2621]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF NEWPORT BEACH  
Date issued: 04/10/01 Expire Date: 07/24/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. 328-336 BUENA VISTA BOULEVARD, LOWER NEWPORT BAY, ORANGE CITY
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 900
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 07/30/01
  - c. Actual completion: 07/30/01
8. Composition of the dredged material.  
  
CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
Material was EXCLUDED from testing
9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 17  
Site Name: NEWPORT BEACH (LA-3)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E41'42.0" N 117E54'48. " W  
Depth(ft): Low Depth- 1500 High Depth- 0  
Nearest Distance from shore (nm): 4.3

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Project authorized under RGP 54. Data entered in yr 2000. Corps  
File No. 2001-00817.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2622]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF NEWPORT BEACH  
Date issued: 05/08/01 Expire Date: 07/24/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. 929/933 VIA LIDO SOUND, LOWER NEWPORT BAY, ORANGE CITY
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 500
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 06/19/01
  - c. Actual completion: 06/22/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
Material was EXCLUDED from testing

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 17  
Site Name: NEWPORT BEACH (LA-3)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E41'42.0" N 117E54'48. " W  
Depth(ft): Low Depth- 1500 High Depth- 0  
Nearest Distance from shore (nm): 4.3

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Project authorized under RGP54. Corps file no. 2001-00958.

Additional information in 2000 files.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2623]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF NEWPORT BEACH  
Date issued: 06/06/01 Expire Date: 07/24/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. 101 VIA LIDO SOUND, LOWER NEWPORT BEACH, ORANGE CITY
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 200
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 08/01/01
  - c. Actual completion: 08/01/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
Material was EXCLUDED from testing

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: DUMP SCOW OR BARGE
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 17  
Site Name: NEWPORT BEACH (LA-3)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E41'42.0" N 117E54'48. " W  
Depth(ft): Low Depth- 1500 High Depth- 0  
Nearest Distance from shore (nm): 4.3

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

Project authorized under RGP 54. Corps project file is 2001-00978.

19. Point of Contact: RUSSELL KAISER 213-452-3293

Report of Ocean Dumping Permits - CY 2001

1. Issuing Authority- District: SPL [DS= 2624]
2. Permit start date/expire date: (Permitted Project)  
Location: CITY OF NEWPORT BEACH  
Date issued: 09/06/01 Expire Date: 07/24/05
3. Country of origin of wastes and port of loading:
  - a. UNITED STATES OF AMERICA
  - b. 1913 E. BAY AVE, LOWER NEWPORT BAY, ORANGE CTY, CA
4. Specification of dredged material and process from which derived:
  - a. Mode of dredging: HOPPER DREDGE
  - b. Mode of transportation: DUMP SCOW or BARGE
5. Form in which dredged material is presented for disposal:  
SLURRY or NONCOHESIVE
6. Total quantity (cubic meters): 300
7. Expected frequency of dumping (for reporting period):
  - a. DAILY
  - b. Actual start: 10/01/01
  - c. Actual completion: 10/01/01
8. Composition of the dredged material.

CHEMICAL DATA WAS NOT ACQUIRED FOR THIS PROJECT THIS YEAR  
Material was EXCLUDED from testing

9. Properties: Not Applicable
10. Method of Packaging: Not Applicable
11. Method of release: CLAM SHELL
12. Procedure and site for tank washing: NOT APPLICABLE
13. Approved disposal site:  
Site No. 17  
Site Name: NEWPORT BEACH (LA-3)  
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:  
33E41'42.0" N 117E54'48. " W  
Depth(ft): Low Depth- 1500 High Depth- 0  
Nearest Distance from shore (nm): 4.3

Reference Site Location:

Site No: 170

Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:

Seasonal restrictions were enforced

No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):

No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):

No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):

No Bioassay testing was done

18. General Comments

19. Point of Contact: RUSSELL KAISER 213-452-3293