

LEGEND:

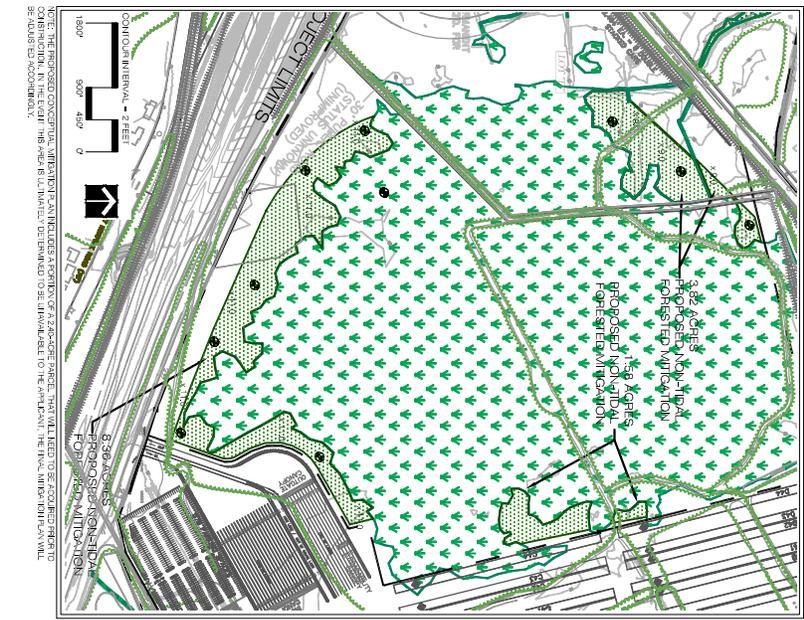
	PROPOSED NON-TIDAL WETLAND UNITS, ON-SITE		PROPOSED NON-TIDAL FORESTED MITIGATION
	PROPOSED TIDAL WETLAND UNITS, VEGETATED		PROPOSED TIDAL FORESTED MITIGATION
	PROPOSED TIDAL WETLAND UNITS, NON-VEGETATED		PROPOSED WETLAND MONITORING WATERS OF THE U.S. LIMITS

PROJECT DATA:

WETLAND TYPE	WETLAND GAIN	WETLAND LOSS	NET WETLAND GAIN
NON-TIDAL FORESTED	6.88	2.1	4.78 +/-
TIDAL VEGETATED	6.88	2.31	4.57 +/-
TIDAL NON-VEGETATED	0.15	0.26	-0.11 +/-

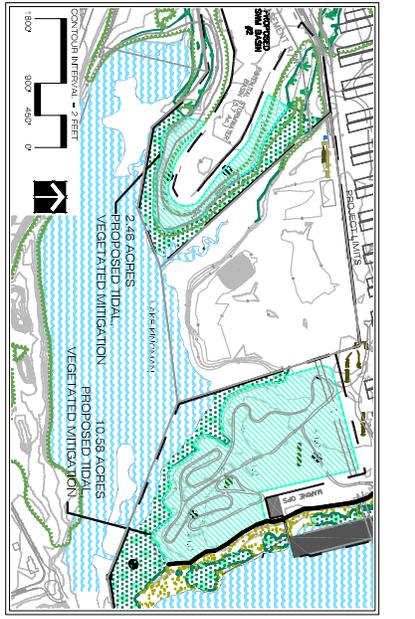
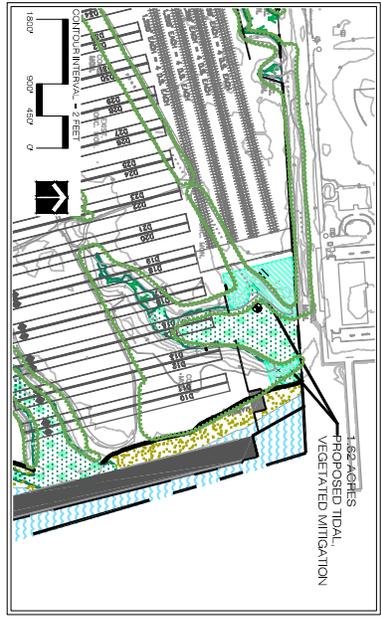
PROJECT SUMMARY:

PROPOSED MITIGATION ACTIVITIES INCLUDE BOTH SITE RESTORATION AND REPLACEMENT OF UNAVOIDABLE LOSSES. WETLAND RESTORATION INCLUDES THE REPAIR OF A DAMAGED OR DROGGED WETLAND TO A FORMER USE. REPLACEMENT OF WETLANDS INVOLVES THE CONSTRUCTION OF NEW WETLANDS TO REPLACE HARMED AND WATER QUALITY BENEFITS LOST BECAUSE OF DESTRUCTION. THESE ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN WATER ACT AND THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN AIR ACT. THE MITIGATION PLAN IS A KEY COMPONENT OF THE DEVELOPMENT AND CONSTRUCTION OF THE APM TERMINALS. THE MITIGATION PLAN WILL BE IMPLEMENTED IN ACCORDANCE WITH THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN WATER ACT AND THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN AIR ACT. THE MITIGATION PLAN WILL BE IMPLEMENTED IN ACCORDANCE WITH THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN WATER ACT AND THE REGULATORY FRAMEWORK OF THE FEDERAL CLEAN AIR ACT.



PRELIMINARY WETLAND MITIGATION WATER BUDGET

Month	Wetland Demand	Wetland Supply	Net Demand	Net Supply
Jan	1.2	1.5	-0.3	0.3
Feb	1.5	1.8	-0.3	0.3
Mar	2.0	2.5	-0.5	0.5
Apr	2.5	3.0	-0.5	0.5
May	3.0	3.5	-0.5	0.5
Jun	3.5	4.0	-0.5	0.5
Jul	4.0	4.5	-0.5	0.5
Aug	4.5	5.0	-0.5	0.5
Sep	4.0	4.5	-0.5	0.5
Oct	3.5	4.0	-0.5	0.5
Nov	2.5	3.0	-0.5	0.5
Dec	1.5	2.0	-0.5	0.5
Annual Total	33.0	39.0	-6.0	6.0



PROPOSED PLANT SCHEDULE

Plant Name	Quantity	Plant Name	Quantity
1.5% (486)	1.5%	1.5% (486)	1.5%
2.0% (648)	2.0%	2.0% (648)	2.0%
2.5% (810)	2.5%	2.5% (810)	2.5%
3.0% (972)	3.0%	3.0% (972)	3.0%
3.5% (1134)	3.5%	3.5% (1134)	3.5%
4.0% (1296)	4.0%	4.0% (1296)	4.0%
4.5% (1458)	4.5%	4.5% (1458)	4.5%
5.0% (1620)	5.0%	5.0% (1620)	5.0%
5.5% (1782)	5.5%	5.5% (1782)	5.5%
6.0% (1944)	6.0%	6.0% (1944)	6.0%
6.5% (2106)	6.5%	6.5% (2106)	6.5%
7.0% (2268)	7.0%	7.0% (2268)	7.0%
7.5% (2430)	7.5%	7.5% (2430)	7.5%
8.0% (2592)	8.0%	8.0% (2592)	8.0%
8.5% (2754)	8.5%	8.5% (2754)	8.5%
9.0% (2916)	9.0%	9.0% (2916)	9.0%
9.5% (3078)	9.5%	9.5% (3078)	9.5%
10.0% (3240)	10.0%	10.0% (3240)	10.0%

FIGURE 7-1
CONCEPTUAL MITIGATION PLAN
APM TERMINALS
PORTSMOUTH, VIRGINIA

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DATE: SEPTEMBER 20, 2003
 REVISED: MARCH 10, 2003
 JOB NUMBER: 1520
 SCALE: 1 INCH = 700 FEET
 SOURCE: BASE MAP PROVIDED BY MSA, P.C.