



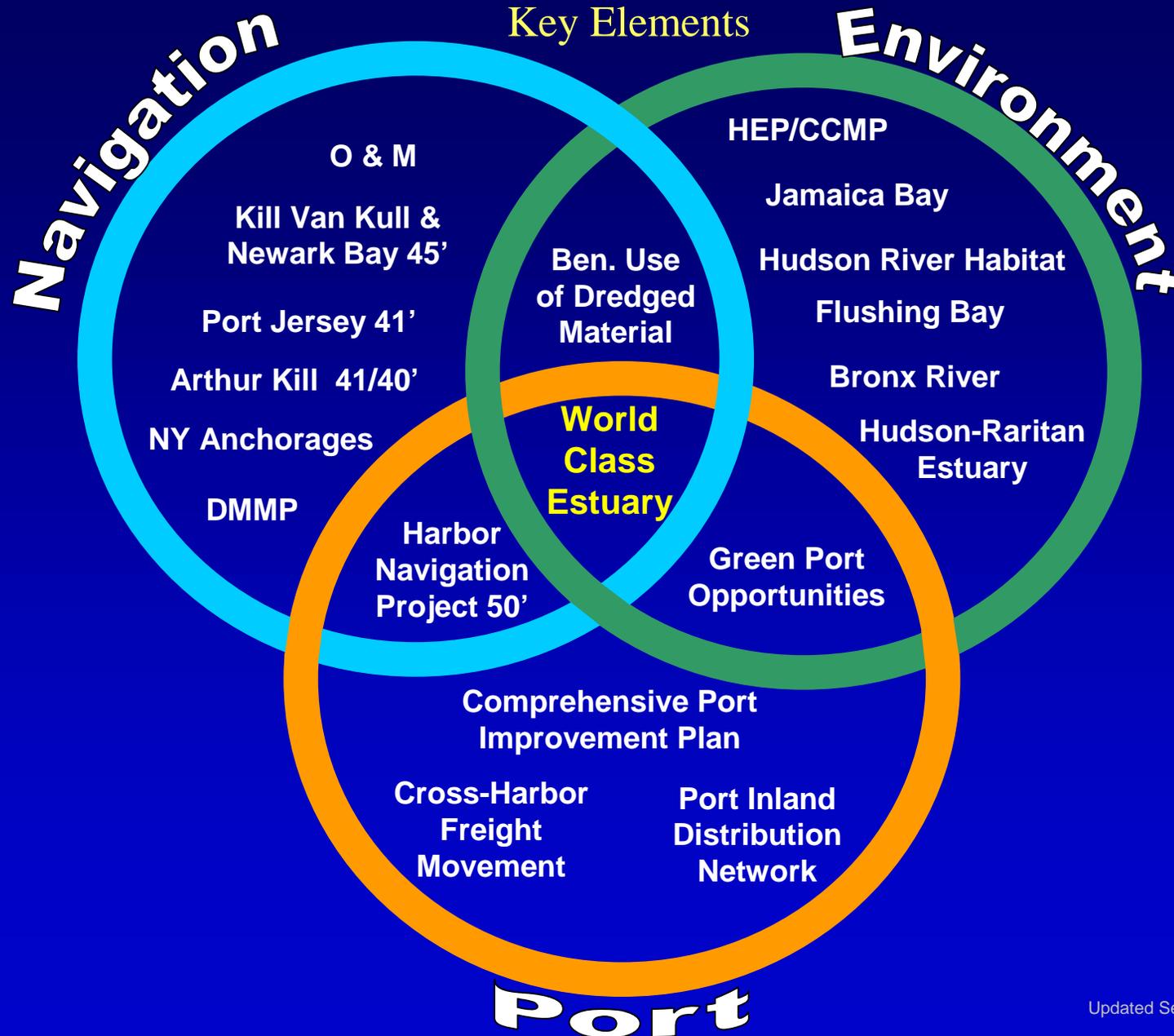
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# NY & NJ Harbor Estuary Initiatives



one estuary, one port, one *vision*

# A Vision for the NY & NJ Harbor Estuary





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# Outline

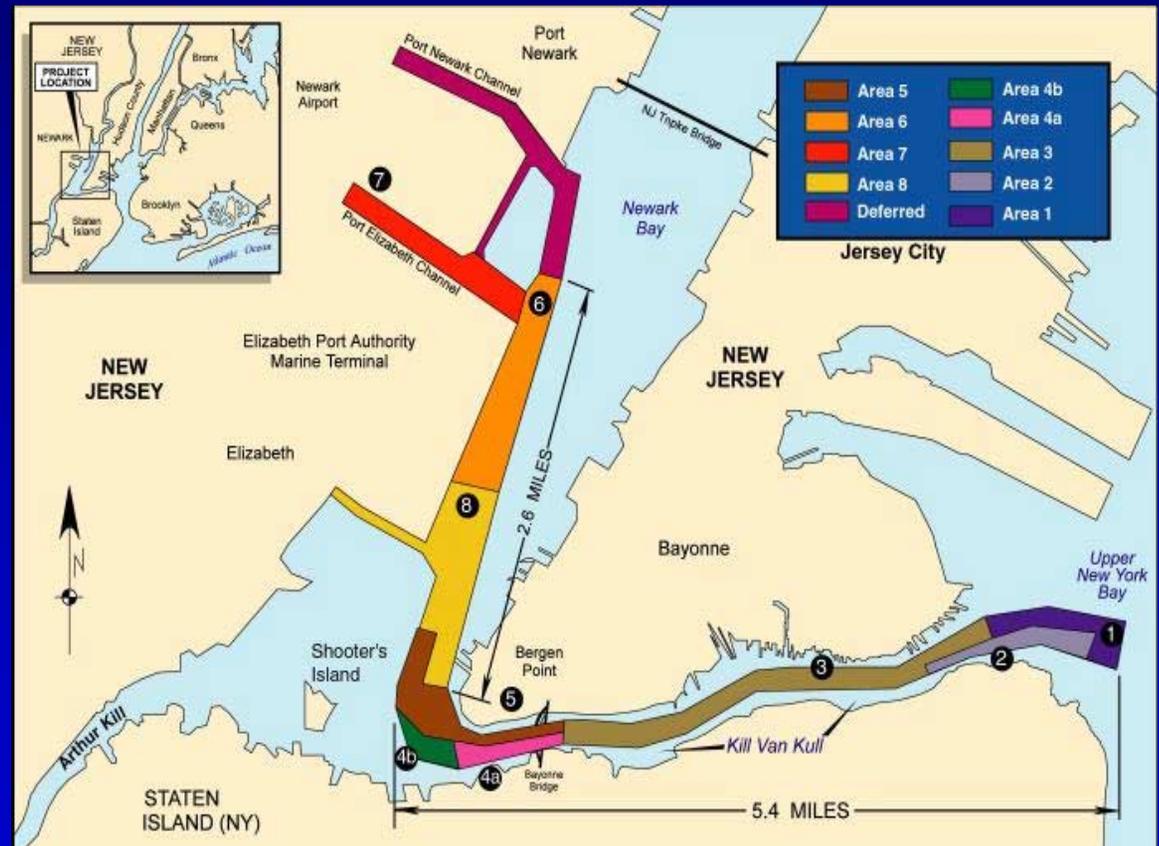
- Navigation
  - Deepening projects
  - Federal O&M
  - Other Navigation Efforts
- Port Efforts
  - CPIP
- Environmental Efforts
  - Hudson-Raritan Estuary Restoration
    - Hudson-Raritan
    - Gowanus Canal
    - Lower Passaic



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# Kill Van Kull & Newark Bay Channels (45 foot Project)

- **DESCRIPTION:** Channel deepening from 40 ft to 45 ft.
- **STATUS:**
  - ◆ Nine Construction Areas:
    - ◆ Area 1 & 2 Completed
    - ◆ Area 4a in Construction
  - ◆ Planned 2001 Work:
    - ◆ Area 7 Contract Award – Mar 2001
    - ◆ Area 5 Contract Bid Opening – Mar 2001
    - ◆ Area 3 Contract Award – Aug 2001
    - ◆ Area 6 Contract Bid Opening – Oct 2001
- **COMPLETION:** 2004
- **FUNDING:** Total Project Cost: \$733 million
- **SPONSOR:** Port Authority of NY & NJ
- **POINT-OF-CONTACT:** Harold Hawkins, 212-264-9092



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# Kill Van Kull & Newark Bay Channels

(45 foot Project)

<b>Project Areas</b>	<b>Rock (in place) (CY)</b>	<b>Non-Rock HARS (CY)</b>	<b>Non-Rock Non-HARS (CY)</b>
<b>Area 1 (done)</b>	179,000	603,000	0
<b>Area 2 (done)</b>	233,000	260,000	0
<b>Area 3 (ongoing)</b>	0	1,472,000	0
<b>Area 4a (ongoing)</b>	122,300	0	10,000
<b>Area 4b (2003-&gt;)</b>	143,000	105,000	60,000
<b>Area 5 (late 2001-&gt;)</b>	286,000	366,000	89,000
<b>Area 6 (2002-&gt;)</b>	4,800	1,435,000	676,000
<b>Area 7 (ongoing)</b>	4,000	666,000	325,000
<b>Area 8 (late 2002-&gt;)</b>	10,000	580,000	580,000
<b>Area 9 (deferred)</b>	N/A	N/A	N/A
<b>TOTAL</b>	<b>982,100</b>	<b>5,487,000</b>	<b>1,740,000</b>

"Non-Rock HARS" is material suitable for placement at the HARS.

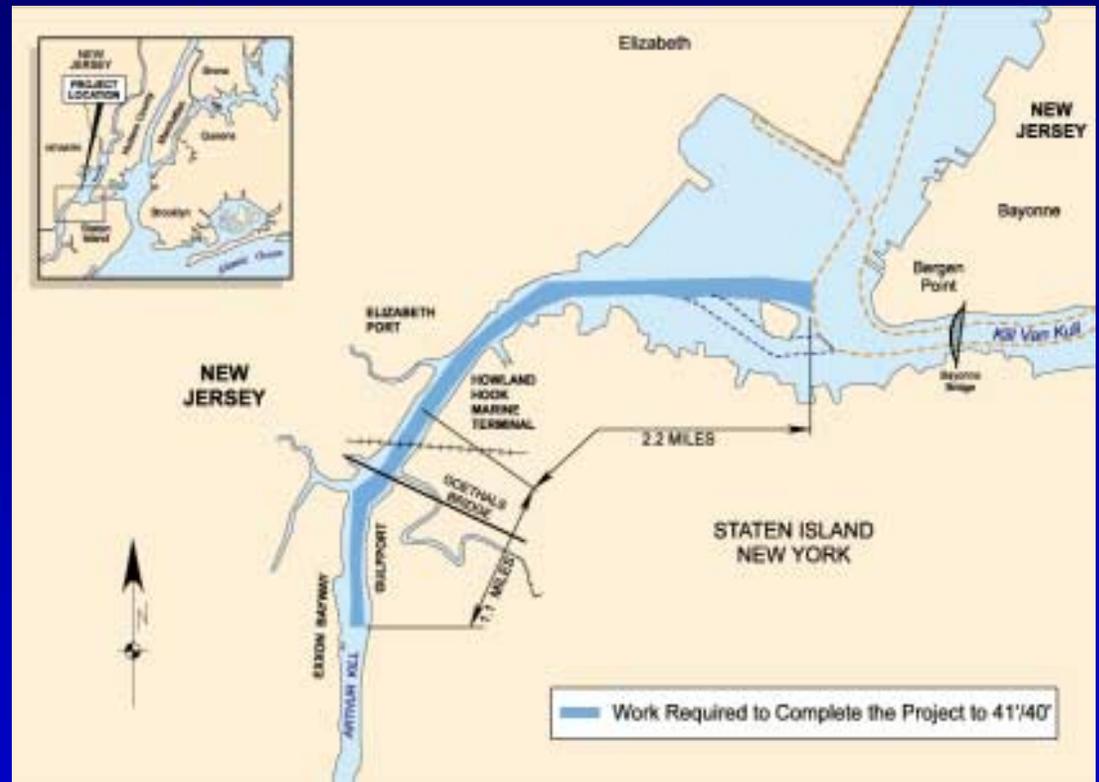
"Non-Rock Non-HARS" is material unsuitable for placement at the HARS.



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# Arthur Kill Channel Howland Hook Marine Terminal (41/40 foot Project)

- **DESCRIPTION:**
  - ◆ Channel Deepening from 35 ft to 41/40 ft
- **STATUS:**
  - ◆ Completing NEPA Process
  - ◆ Negotiating Project Cooperation Agreement with Sponsor
  - ◆ \$4 million added for construction in FY 2001
  - ◆ Construction Contract Award – Nov 2001
- **COMPLETION:** 2005
- **FUNDING:** Total Project Cost: \$362 Million
- **SPONSOR:** Port Authority of NY & NJ
- **POINT-OF-CONTACT:** Michael Millard, 212-264-2054





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# Port Jersey Channel

## (41-foot Project)

- **DESCRIPTION:**

- Channel Deepening from 35/38 ft to 41 ft.

- **STATUS:**

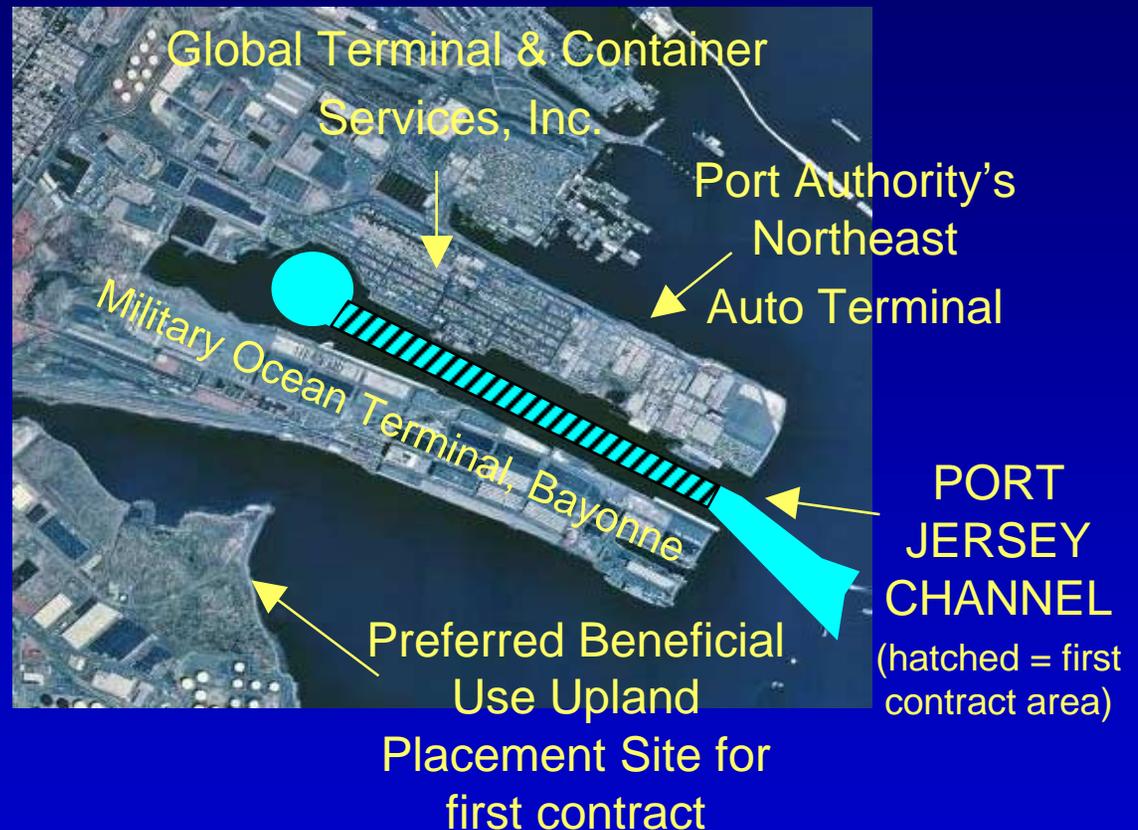
- Draft Project Agreement under review by Corps Higher Authority Offices
- Plans & Specifications for 1<sup>st</sup> Contract Completed
- Construction Contract Award – January 2002

- **COMPLETION:** 2004

- **FUNDING:** Total Project Cost: \$113 Million

- **SPONSOR:** NJ Maritime Resources (primary) & PANY/NJ (limited sponsor)

- **POINT-OF-CONTACT:** Bryce Wisemiller, (212) 264-5797

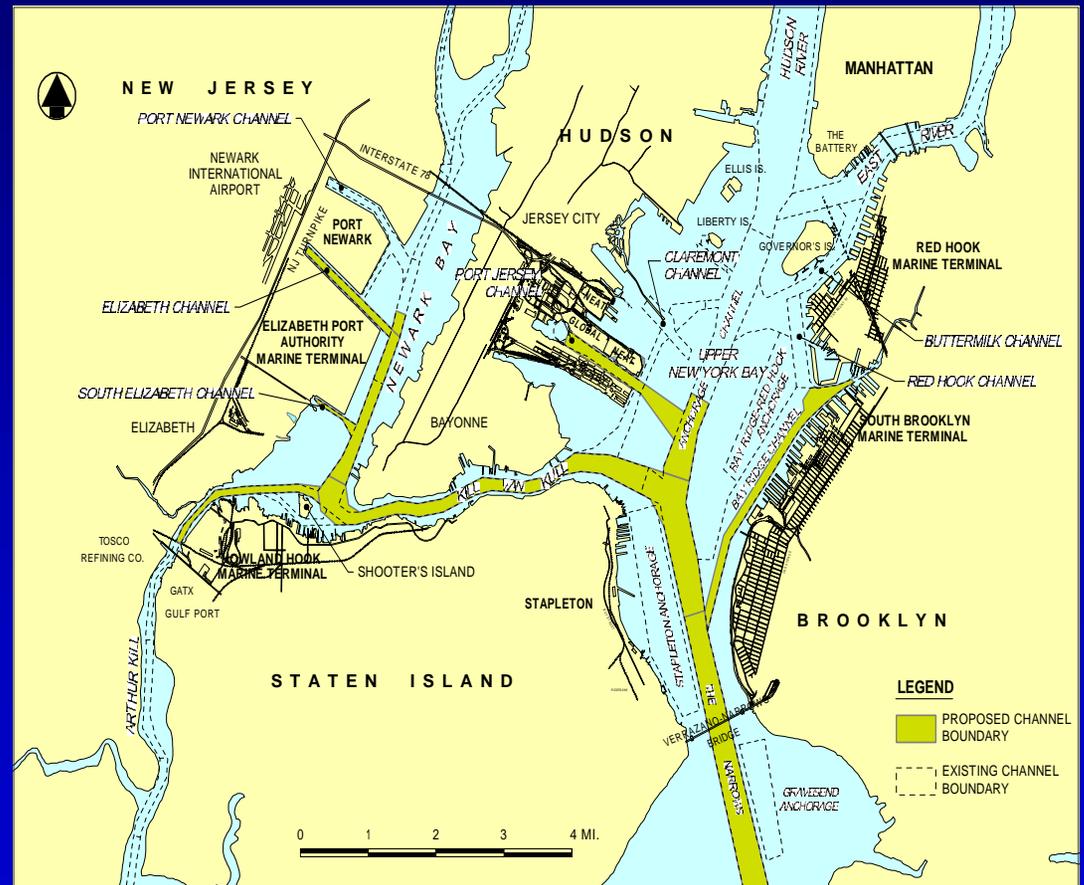




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# New York & New Jersey Harbor (50-foot Project)

- **DESCRIPTION:** Deepen the Ambrose Channel to 53 ft, the Anchorage, Bay Ridge, Port Jersey, Kill Van Kull, Newark Bay and Arthur Kill to 50 ft (52 ft in rock)
- **STATUS:**
  - ◆ Final Report/FEIS – Dec 99
  - ◆ Chiefs Report signed May 2000
  - ◆ WRDA 00 Authorization – Dec 2000
  - ◆ Design Agreement executed Jan 2001
  - ◆ Construction expected to begin in FY 2003/2004.
- **FUNDING:**
  - ◆ Total Project Cost: \$1.8 billion
  - ◆ Total PED Cost: \$20 million
- **SPONSOR:** Port Authority of NY & NJ
- **POINT-OF-CONTACT:** Tom Shea, 212-264-5570



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# New York Anchorages

## (Navigation Feasibility Study)

- **DESCRIPTION:**
  - ◆ Determine the feasibility of deepening the Red Hook Flats Anchorage for lightering purposes and to relieve congestion in the Arthur Kill.
- **STATUS:**
  - ◆ Recon. phase completed 1994
  - ◆ Feasibility Study started Sep 2000
  - ◆ Draft Feasibility Report/DEIS expected in July 2002
- **FUNDING:**
  - ◆ Total Study Cost: \$3.2 mil
- **SPONSOR:** Port Authority of NY & NJ
- **POINT-OF-CONTACT:** Tom Shea,

212-264-5570



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# Federal Maintenance Fiscal Year 2001

<u>PROJECT</u>	<u>PLACEMENT SITE</u>	<u>VOLUME (kCY)</u>	<u>DREDGING STATUS</u>
East Rockaway Inlet	Rockaway Beach	205	Complete
Jamaica Bay (Rockaway Inlet)	Breezy Pt. Beach	250	Complete
Newark Bay – Elizabeth Pierhead Channel	Upland – TBD by PA	40	Late Spring 2001
Perth Amboy Anchorage and Ward Point Bend	HARS	850	Summer 2001
New York Harbor – Red Hook Flats Anchorage	TBD	150	Summer 2001
Flushing Bay & Creek – Bay Portion	HARS*	150	Summer 2001
East River – South Brothers Island Reach	HARS*	200	Summer 2001
Hudson River, NY	HARS*	260	Summer 2001

\* Suitability Testing Ongoing

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# Projected Federal Maintenance Fiscal Year 2002\*

- **NY and NJ Channels**
  - Arthur Kill
  - Raritan Bay Reach
- **Newark Bay – Port Newark**
- **Hackensack River**

## Pending identification of disposal site:

- **Flushing Bay and Creek – Creek portion**
- **Eastchester Creek**

\* **Conditional on funding, surveys, usage, etc.**

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## Other Navigation Efforts

- ❑ Dredged Material Management Plan for the Port of NY & NJ:
  - ◆ Preparing Yearly Update and finalizing programmatic EIS – Fall 2001
- ❑ Harbor Dredging Activities Report:
  - ◆ Updated Periodically (e.g., monthly)
  - ◆ Provides Current Status of:
    - ◆ Underway and Planned Federal Deepening Projects
    - ◆ Planned Federal O&M Projects
    - ◆ Regulatory Actions
  - ◆ Viewable at District's Web Page:  
[www.nan.usace.army.mil/harbor](http://www.nan.usace.army.mil/harbor)



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# Comprehensive Port Improvement Plan for the Port of NY & NJ

- ❑ Initiated via Memorandum of Understanding Executed in December 1999/January 2000
- ❑ Goal of Concurrently Developing CPIP and CPIP-EIS
- ❑ Funded by Consortium comprising States, NYC, and PANY/NJ.
- ❑ Consortium Will Oversee Development of CPIP Concurrently With Federal Co-Leads & States Preparing CPIP-EIS under NEPA
- ❑ Currently Acquiring Necessary Consultant Support
- ❑ Stakeholder Consultation Begun
- ❑ New York District Point-of-Contact: Bryce Wisemiller, 212-264-5797





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# Hudson-Raritan Estuary

## (Environmental Restoration Feasibility Study)

- **DESCRIPTION:** Identify, Select and Evaluate solutions for Estuary-Wide Ecosystem Restoration projects, including creation, enhancement and restoration of aquatic, wetland and adjacent upland habitats, and environmental dredging.
- **STATUS:**
  - ◆ WRDA Sec 905b Fact Sheet completed (recon Rpt) Jun 2000
  - ◆ Signed Comprehensive Study FCSA in Jul 2001
  - ◆ Follow-on study's for the Gowanus and Lower Passaic (both environmental dredging)
- **FUNDING:**
  - ◆ Approx \$28 million for three Feasibility Studies
- **SPONSOR:** Port Authority of NY & NJ, State of NY, & City of NY
- **POINT-OF-CONTACT:** Tom Shea, 212-264-5570



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# Hudson-Raritan Estuary (Comprehensive Study) (Environmental Restoration Feasibility Study)

- **Two Components:**
  - ◆ Comprehensive Restoration Improvement Plan
    - ◆ Address habitat fragmentation and other system-wide issues on a watershed basis
    - ◆ Coordinate all opportunities into a management plan for restoring the estuary as a whole
    - ◆ Recommend future restoration actions based on what's best for the system (may include non-Corps initiatives)
  - ◆ 13 Specific study locations;
    - ◆ Determine immediate restoration projects (information feeds into CRIP)
    - ◆ Move project recommendations independently from others if warranted.
- **FUNDING:** \$19 million, cost-shared 50-50 with The Port Authority of NY & NJ





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# Gowanus Canal, Hudson-Raritan Estuary (Environmental Restoration Feasibility Study)

- **DESCRIPTION:** Identify, Select and Evaluate solutions for Gowanus Canal Ecosystem Restoration project, including creation, enhancement and restoration of aquatic, wetland and adjacent upland habitats, and environmental dredging.
- **STATUS:** Sign FCSA by end of 4<sup>th</sup> Qtr.
- **FUNDING:** \$5 million
- **SPONSOR:** New York City DEP





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# Lower Passaic River, Hudson-Raritan Estuary (Environmental Restoration Feasibility Study)

- **DESCRIPTION:** Identify, Select and Evaluate solutions for Lower Passaic River Ecosystem Restoration project, including creation, enhancement and restoration of aquatic, wetland and adjacent upland habitats, and environmental dredging.
- **STATUS:**
  - ◆ Sign FCSA early 1<sup>st</sup> Qtr, FY 2002
- **FUNDING:**
  - ◆ \$5 million, cost-shared 50-50 with sponsor
- **SPONSOR:** NJDOT Office of Maritime Resources



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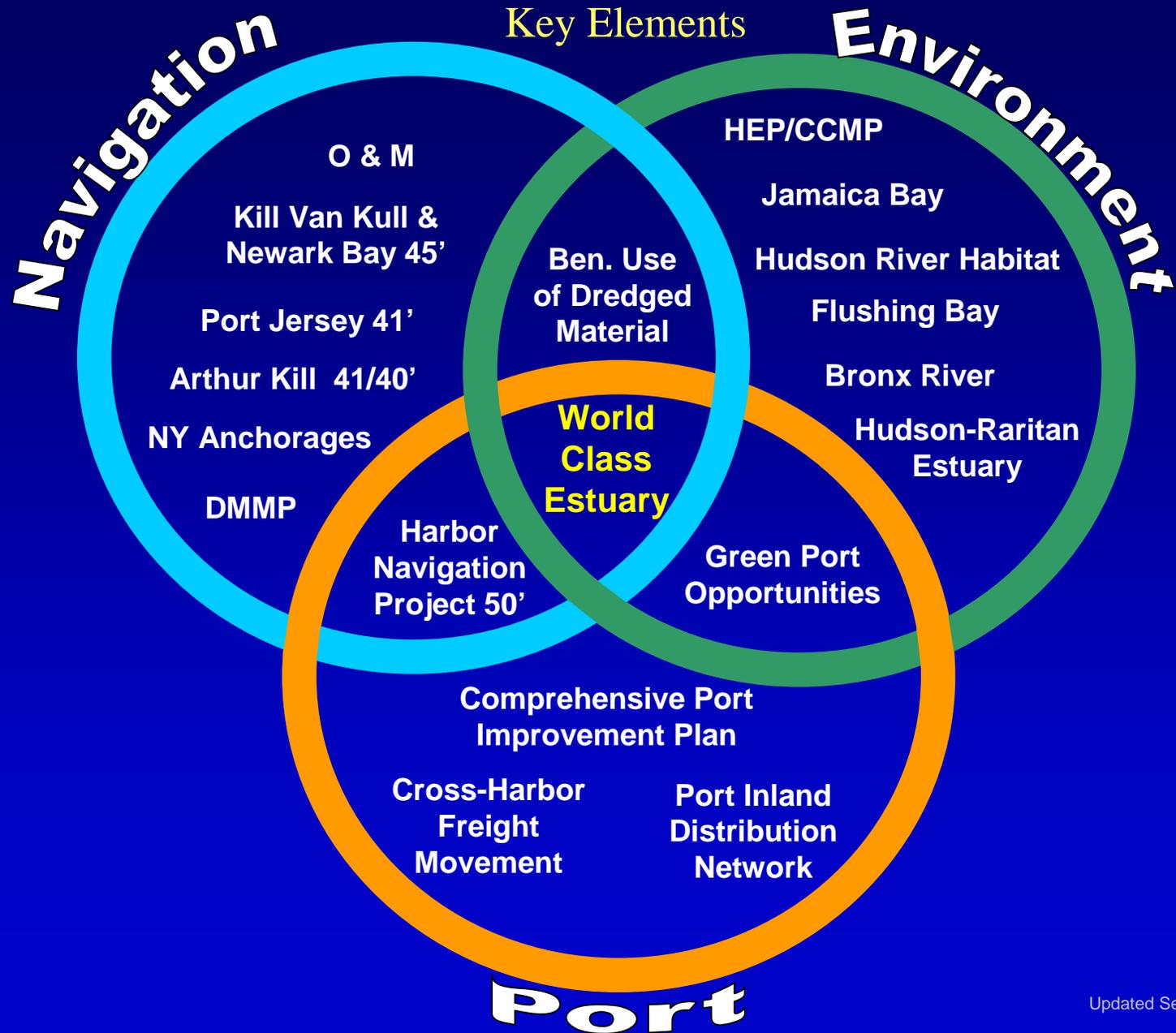
# District Points-of-Contact

## Harbor Programs Branch

- ◆ Joe Seebode, (212) 264-0110: Chief, Harbor Programs Branch
- ◆ Hal Hawkins (212) 264-9092: Kill Van Kull and Newark Bay Channels
- ◆ Joe Forcina, (212) 264-5504, Kill Van Kull & Newark Bay
- ◆ Mike Millard, (212) 264-2054: Arthur Kill Channel-Howland Hook
- ◆ Tom Shea, (212) 264-5570: NY & NJ Harbor (50 ft), Hudson-Raritan Estuary, NY Anchorages
- ◆ Bryce Wisemiller, (212) 264-5797: Port Jersey Channel, Comprehensive Port Improvement Plan, DMMP
- ◆ Visit Us At [www.nan.usace.army.mil/harbor](http://www.nan.usace.army.mil/harbor)

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# A Vision for the NY & NJ Harbor Estuary





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# Questions?



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