

# National Placement Manager – Screen Shots

# Home Page

- User can select placement sites and view basic information, but must login to edit.

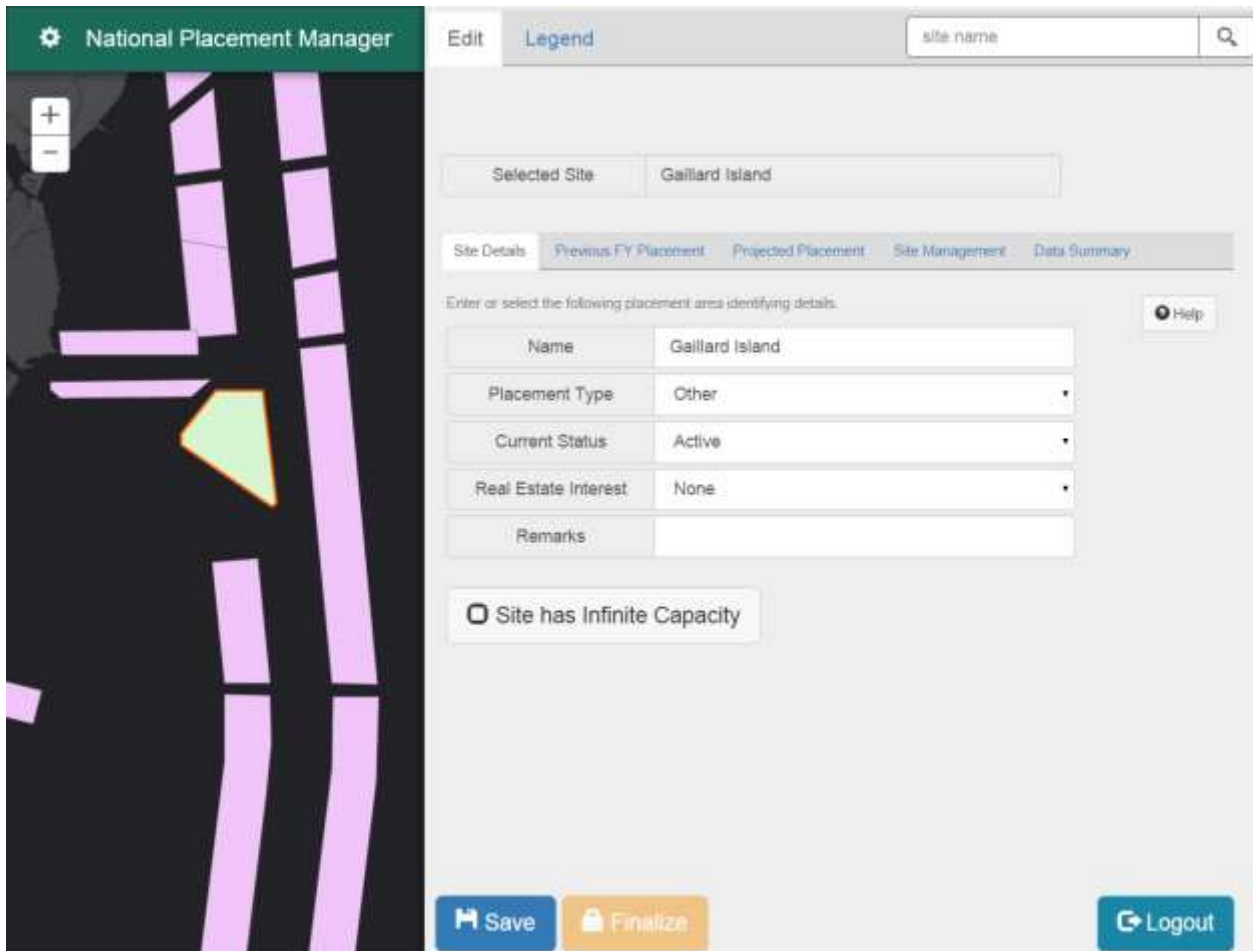
The screenshot displays the 'National Placement Manager' interface. On the left, a map shows a site highlighted in green. The right panel provides details for the selected site, 'Gaillard Island'.

Selected Site	Gaillard Island
Placement Type	Other
Current Status	Active
Real Estate Interest	None
Remarks	

[Login to Edit](#)

# Site Details

- Upon login, user can enter site information such as the site details shown here.



The screenshot displays the 'National Placement Manager' interface. On the left is a map with a pink highlighted area. The main panel is titled 'Edit Legend' and includes a search bar for 'site name'. Below this, the 'Selected Site' is 'Gaillard Island'. A navigation bar shows 'Site Details' as the active tab, with other options like 'Previous FY Placement', 'Projected Placement', 'Site Management', and 'Data Summary'. A prompt asks to 'Enter or select the following placement area identifying details.' Below this is a form with the following fields:

Name	Gaillard Island
Placement Type	Other
Current Status	Active
Real Estate Interest	None
Remarks	

Below the form is a checkbox labeled 'Site has Infinite Capacity' which is currently unchecked. At the bottom, there are three buttons: 'Save', 'Finalize', and 'Logout'.

# Previous FY Placement

- It is expected that the user will update site information each FY. On the Previous FY Placement tab, the user should enter the actual dredged material volumes (Federal and Non-federal) placed at the site during the previous FY. This should be done for each program that places material at the site.

The screenshot displays the 'National Placement Manager' interface. On the left is a map with a highlighted area in green and yellow. The main panel shows the 'Previous FY Placement' tab for 'Galliard Island'. The form includes the following fields:

Fiscal Year	2015	
Program	011670 HDD	
Federal	78,000	cy
Non-federal	47,000	cy
Program Cost	\$314,000	

Additional elements include a 'Delete this Placement' button, a 'Help' icon, and navigation buttons for 'Save', 'Finalize', and 'Logout' at the bottom.

# Projected Placement

- On the Projected Placement tab, the user should project the dredged material volumes expected to be placed at the given site for the current FY and following 20 years. This should also be done for each program that places material at the site.

The screenshot displays the 'National Placement Manager' interface. On the left is a map with a highlighted site. The main panel shows the 'Projected Placement' tab for 'Galliard Island'. It includes a table for entering projected disposal volumes from 2015 to 2022. The 'Fiscal Year' is set to 2015 and the 'Program' is '011670 HDD'. The table shows projected volumes: 98,500 for 2015, 74,000 for 2016, 155,000 for 2017, and 0 for 2018-2022.

Fiscal Year	Projected Disposal Volume (cy)
2015	98,500
2016	74,000
2017	155,000
2018	0
2019	0
2020	47,000
2021	0
2022	0

# Site Management

- On the Site Management tab, the user should enter the available site capacity at the beginning of the FY. Any planned management activities, for the current and future FY, that will add capacity (e.g. raising dikes, expansion, reclamation) or remove capacity (e.g. site closure) should be listed. Presently, the database adjusts available capacity taking into account only the management actions specified; when complete, the database will also factor in the planned dredged material placements (from the Projected Placement tab) such that this can be used as a tool to evaluate effect of different management actions on useful life of the facility.

The screenshot shows the 'National Placement Manager' interface. On the left is a map with a green polygon highlighting a site. The main panel is titled 'Site Management' and shows the 'Selected Site' as 'Galliard Island'. Below this are tabs for 'Site Details', 'Previous FY Placement', 'Projected Placement', 'Site Management', and 'Data Summary'. A text box instructs the user to enter capacity and management data. Input fields show 'Fiscal Year' as 2015 and 'Initial Capacity' as 780,000 cy. A table displays management activities for 2015 and 2016. At the bottom are 'Save', 'Finalize', and 'Logout' buttons.

**National Placement Manager**

Edit Legend site name

Selected Site: Galliard Island

Site Details Previous FY Placement Projected Placement **Site Management** Data Summary

Please enter the available capacity of the selected placement site at the beginning of the FY. Enter/select associated data for all future capacity-related management planned, by adding the management activity to the table below. Multiple activities for multiple years can be added. Help

Fiscal Year: 2015

Initial Capacity: 780,000 cy

FY	Mgmt. Types	Initial Capacity (cy)	Capacity Change (cy)	Management Cost	Year Cost Basis	Del
2015	Maintenance	780,000	540,000	\$1,930,600	Oct 2015	
2016	2 selected	1,320,000	-740,000	\$1,540,500	Oct 2015	

Add Management Activity

Save Finalize Logout

# Data Summary

- The Data Summary tab summarizes the data input for each of the other tabs. Data analysis is not currently incorporated but is being developed. The following slides provide examples of some of the data analysis tools envisioned.

The screenshot shows the 'National Placement Manager' interface. On the left is a map with a green polygon highlighting a site. The main panel is titled 'Data Summary' and shows the following information:

- Selected Site:** Galliard Island
- Fiscal Year:** 2015
- Site Details:**

Site Name	Galliard Island
Placement Type	Otwa
Status	Active
Real Estate Interest	None
Remarks	
- Previous FY Placement:**

Program	Federal (yr)	Non-Federal (yr)	Cost
011070 HDD	70,000	47,000	\$314,000
005970 LWW			
<b>Total</b>	<b>70,000</b>	<b>47,000</b>	<b>\$314,000</b>
- Projected Placement:** (Section header only, no data visible)

At the bottom, there are buttons for 'Save', 'Finalize', and 'Logout'.





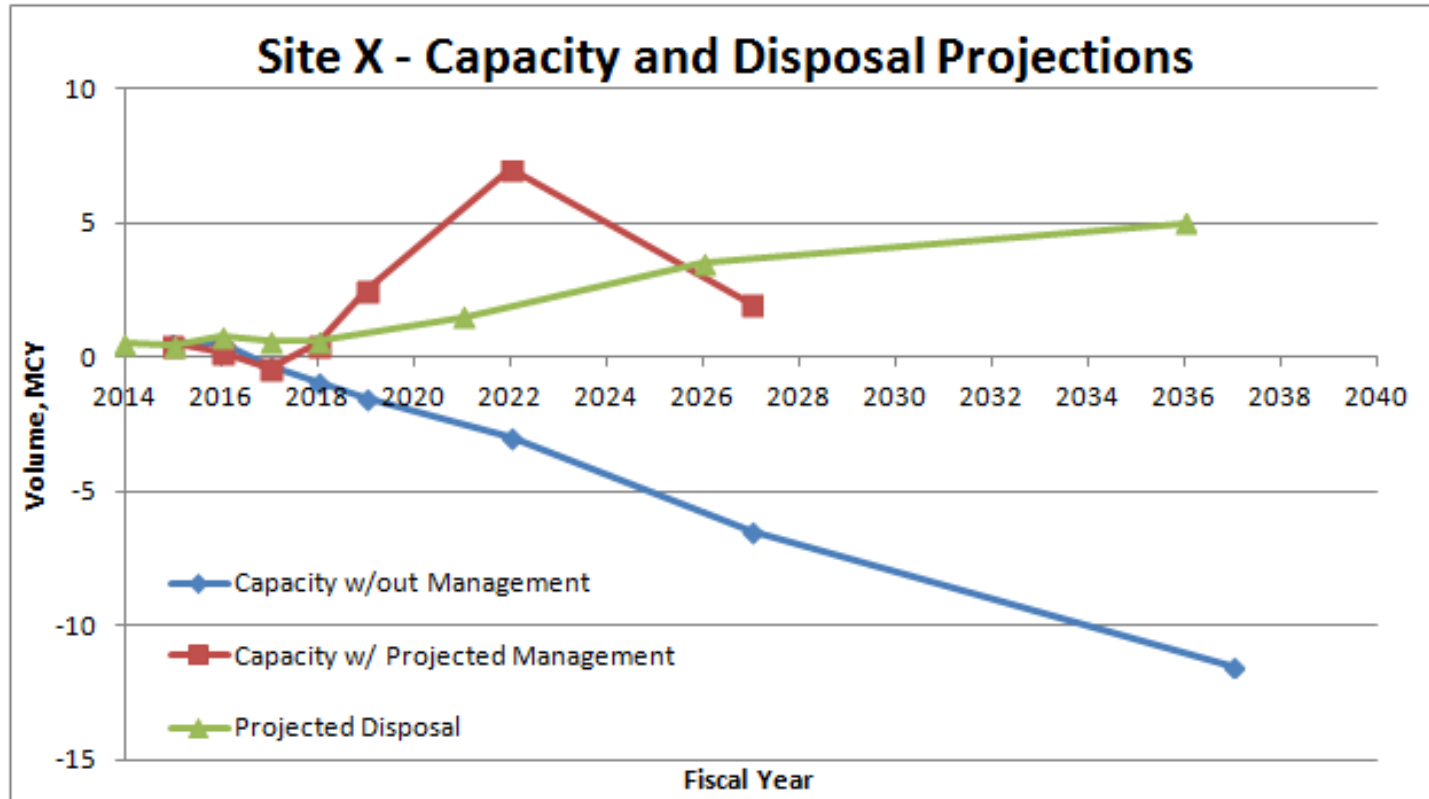
# Analysis Tools

Table 2. Site X – Past and Projected Disposal and Capacity								
	FY-2 2013	FY-1 2014	Current FY 2015	+1 yr 2016	+2 yr 2017	+5 yr 2018-2020	+10 yr 2021-2025	+20 yr 2026-2035
Total Dredging (cy)	0.4	0.5	0.5	0.8	0.6	1.5	3.5	5
Available capacity (w/o management)	2.4	2	1.5	0.7	0.1	-1.4	-4.9	-9.9
Available capacity (w/ management)	2.4	2	1.5	1.2	0.6	4.1	8.6	3.6

- Green - more than 10 years capacity
- Yellow - 5 to 10 years capacity
- Red - less than 5 years capacity

Table 3. Site X – Long Term Management Plan				
Year	Capacity Added (mcy)	Cost (\$M)	Management Type	Life Extended (Years)
2016	0.5	\$ 0.90	Dike raising	1.0
2018	0.5	\$ 6.00	Dewatering	1.0
2018	1	\$ 1.10	Dike raising	2.0
2019	2	\$ 1.00	BU removal	3.7
2020	1.5	\$ 0.80	BU removal	2.9
2025	8	\$ 11.00	Expansion	14.0

# Analysis Tools

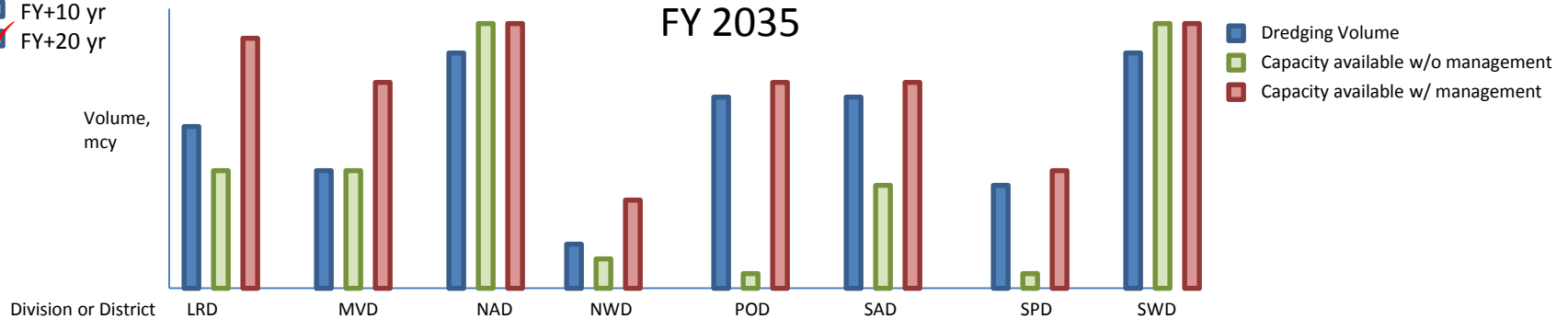


# Analysis Tools

- District-, Division- or Corps-wide

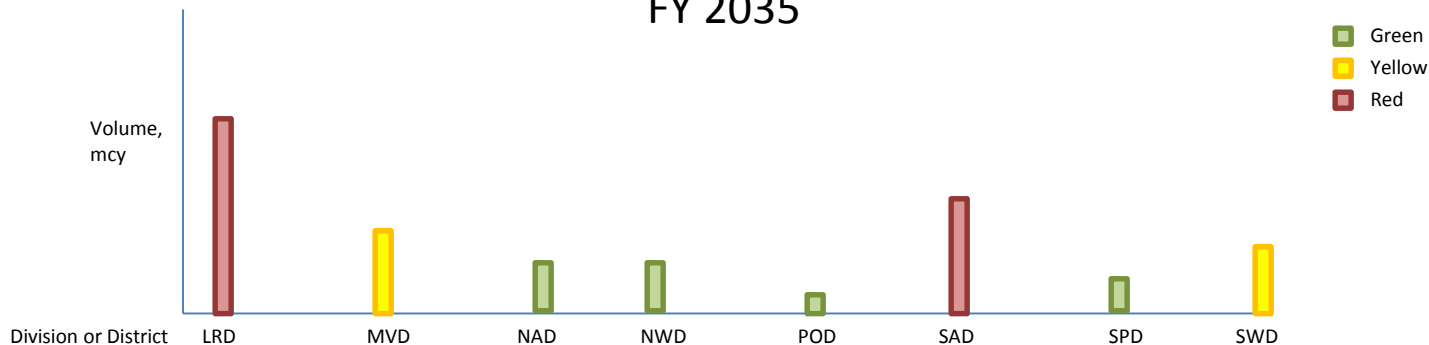
- Current
- FY+1 yr
- FY+2 yr
- FY+5 yr
- FY+10 yr
- FY+20 yr

Dredging Volume and Capacity by Division  
FY 2035



- Capacity Status (either with management or without management)

Capacity Shortage by Division  
FY 2035



# Analysis Tools

- District-, Division- or Corps-wide

**Table 4. Corps-wide capacity summary , projections for FY 2025**

	Disposal Volume, MCY	Capacity, MCY	Capacity Shortage, MCY	Capacity with Management, MCY	Capacity Shortage with Management, MCY	Requested Management Costs, \$M
Total						
- LRD (Division total)						
- LRB (District total)						
- LRC						
- LRD.....etc.						

## Corps-wide Management – Cost & Capacity Added

