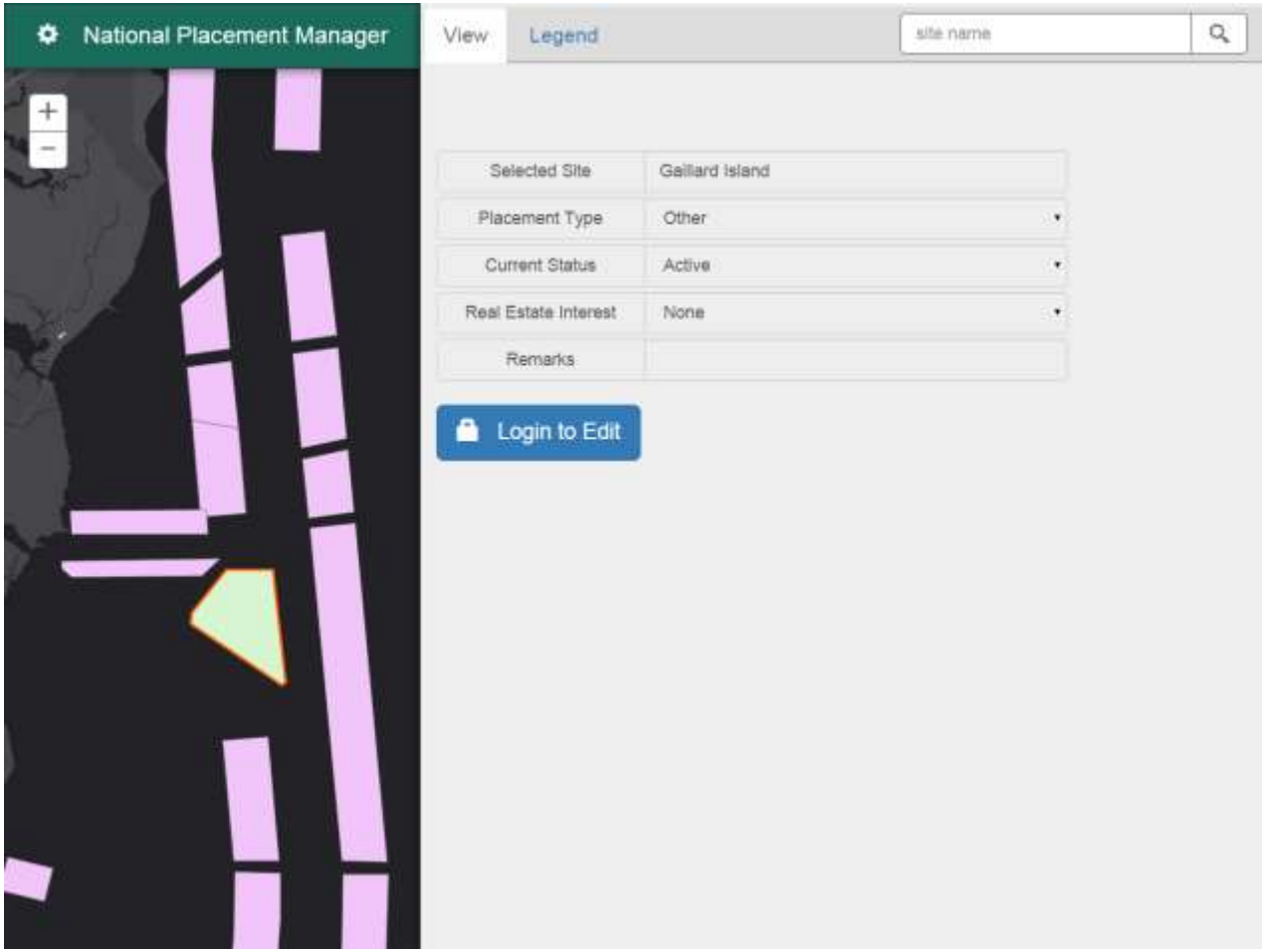
National Placement Manager – Screen Shots

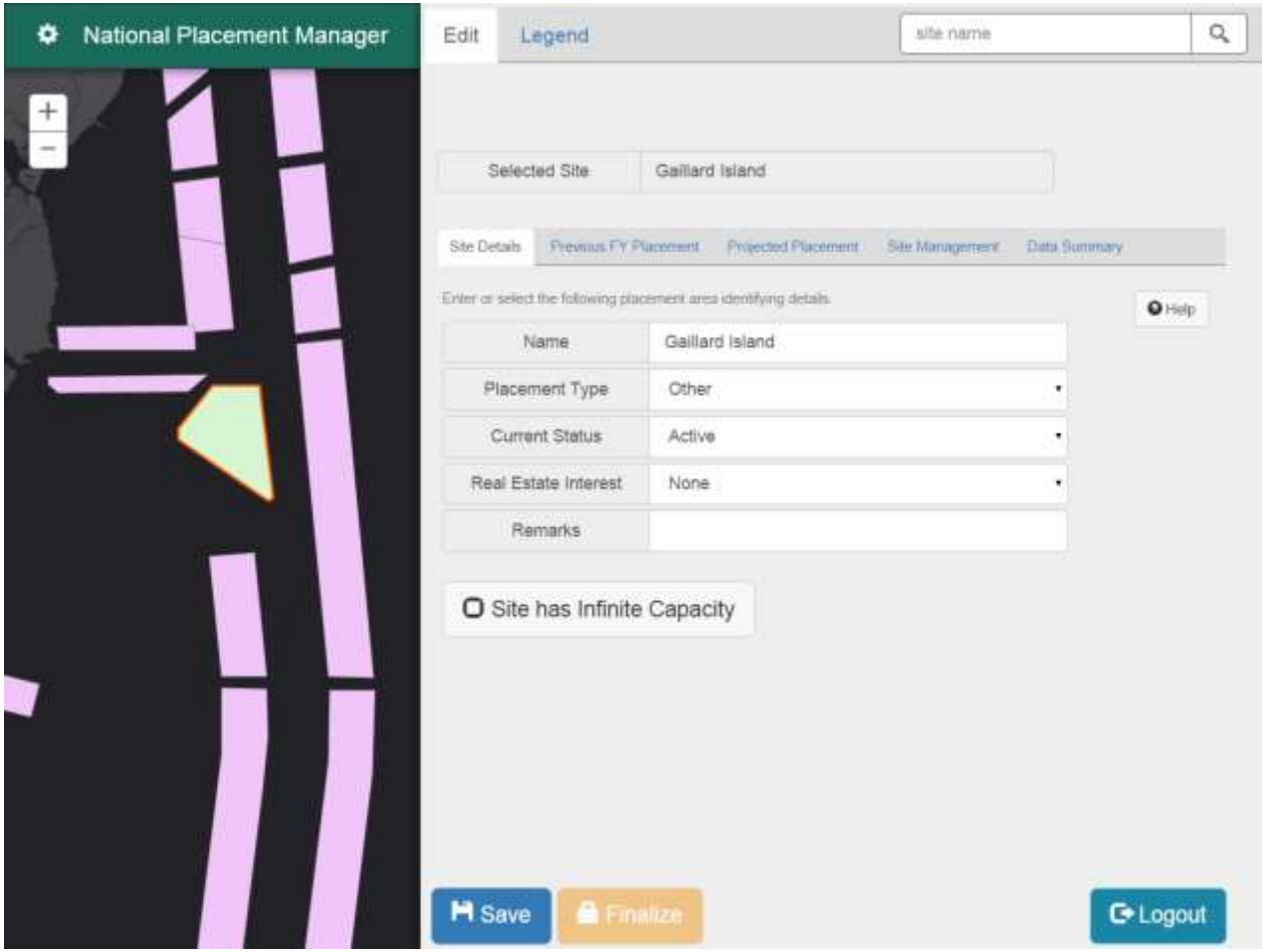
Home Page

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



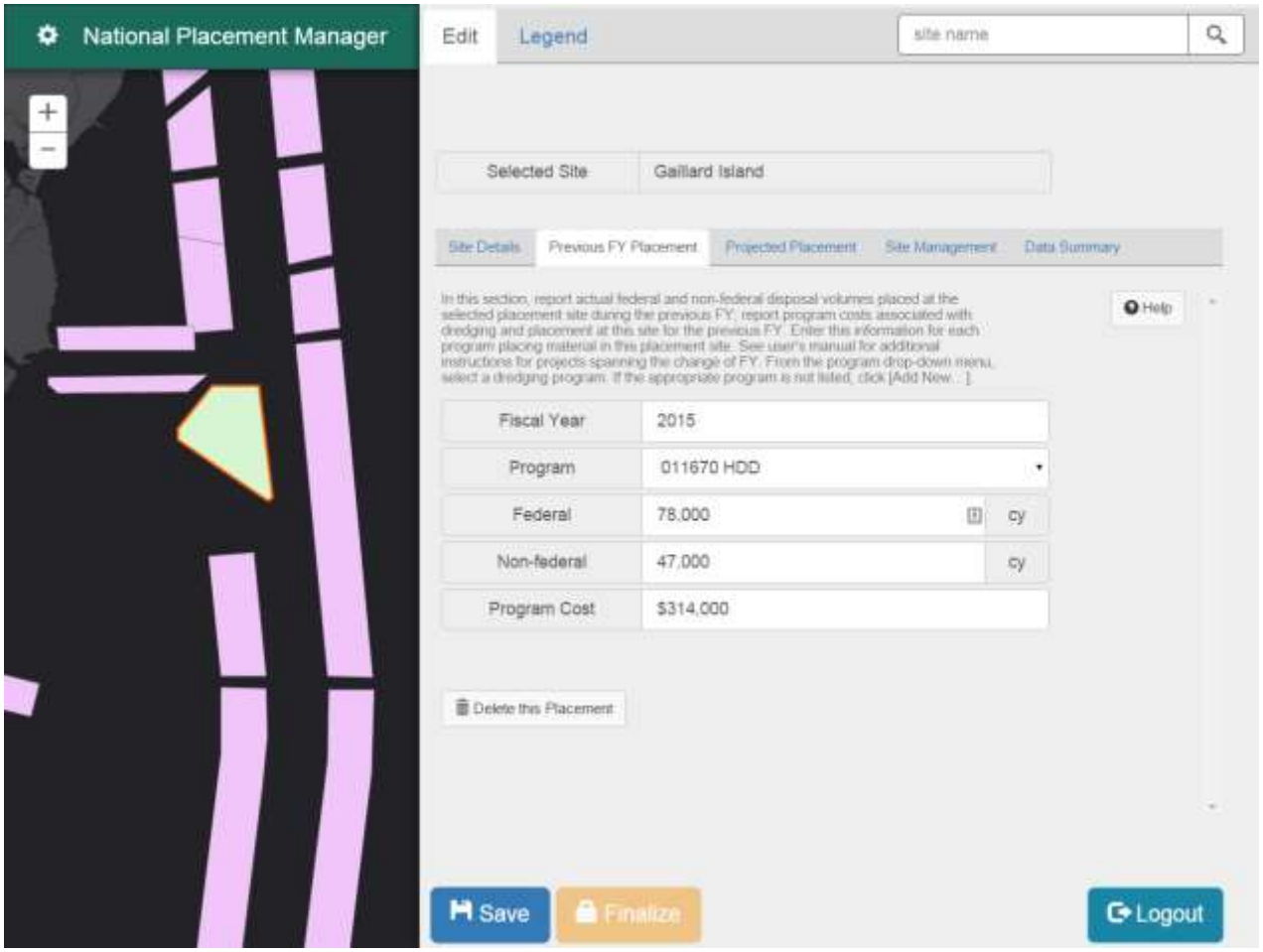
Site Details

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



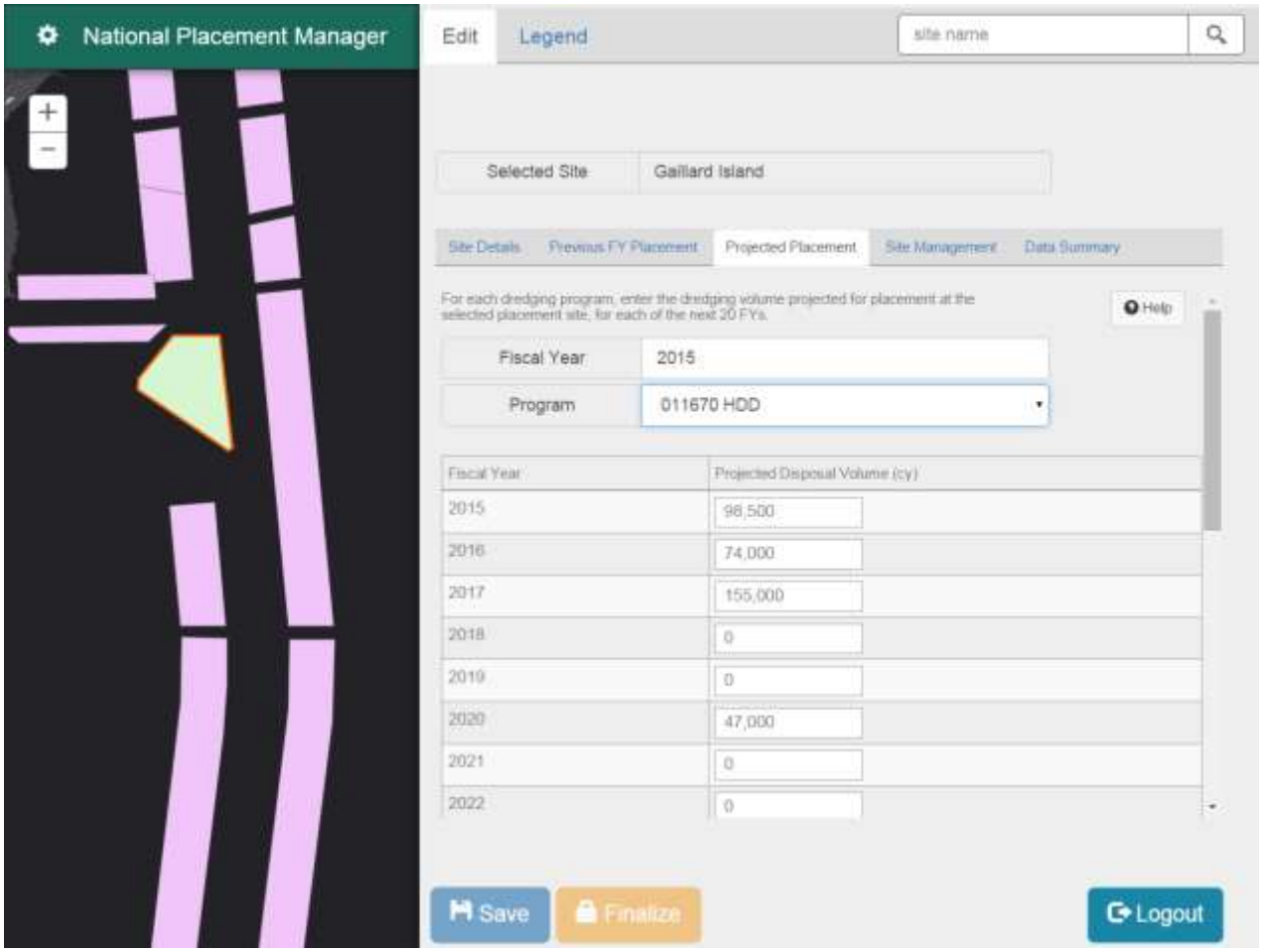
Previous FY Placement

- 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.



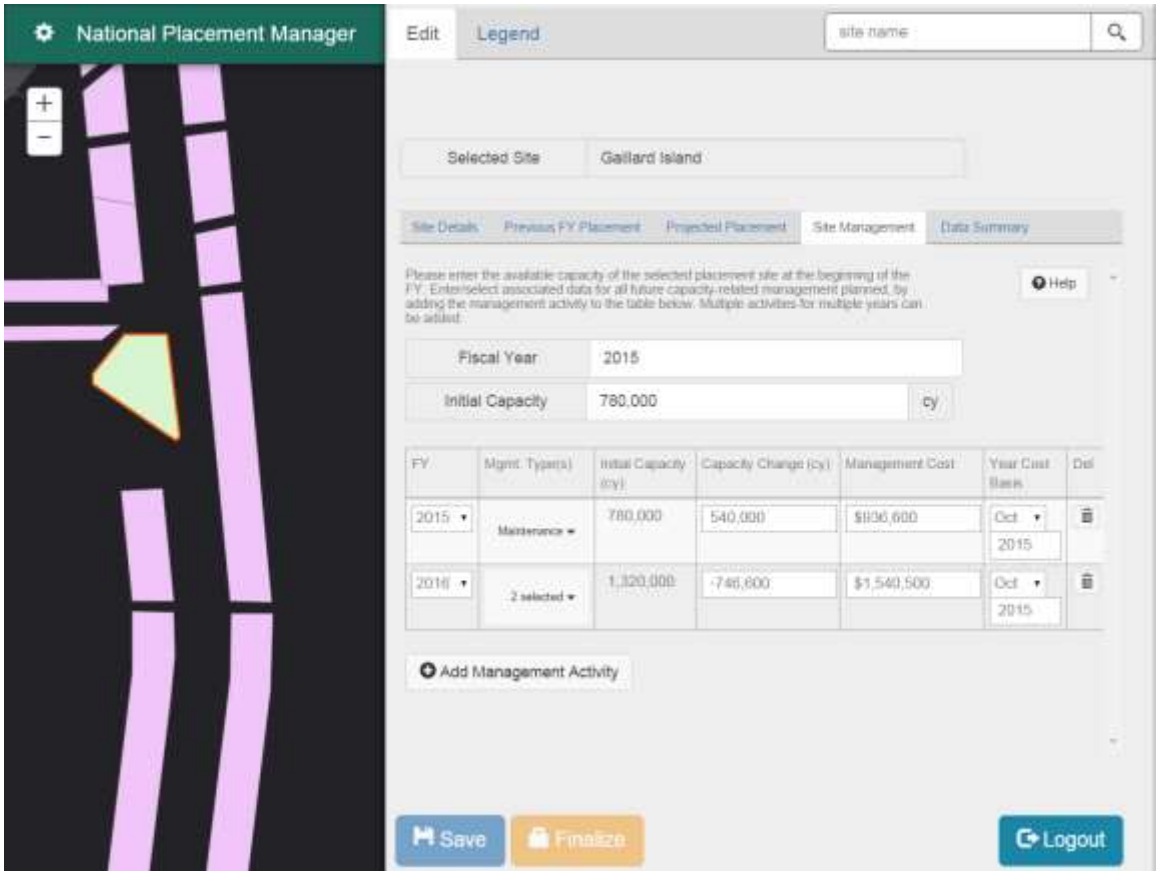
Projected Placement

- 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.



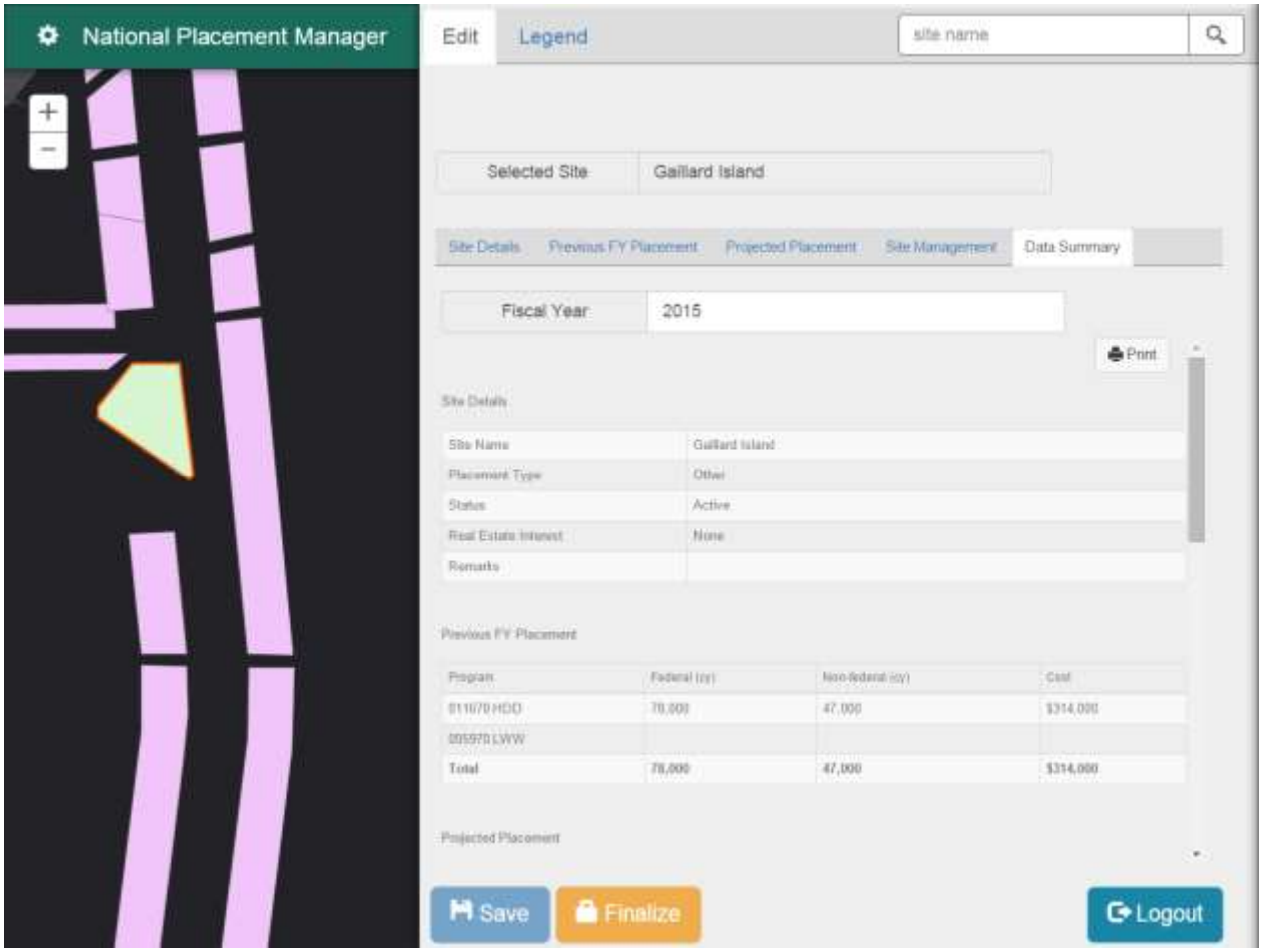
Site Management

- 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.



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.



Analysis Tools

- Analysis tools are being developed and will eventually allow the users at different levels to analyze the data for planning and budgeting/programmatic planning purposes. Some of the envisioned types of analyses are shown. The database information will also be exportable to allow users to conduct their own analyses in Excel or other programs.

- Placement Area-Specific

Table 1. Site X – Past and Projected Disposal from all Dredging Programs

	Actual		Projected					
	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 Disposal Volume (mcy)	**0.4**	**0.5**	**0.5**	**0.8**	**0.6**	**1.5**	**3.5**	**5**
Disposal from Dredging Program 1	0.2	0.2	0.3	0.4	0.3	1	2	3
Disposal from Dredging Program 2	0.1	0.1	0.1	0.1	0.1	0.3	0.5	1
Etc…								

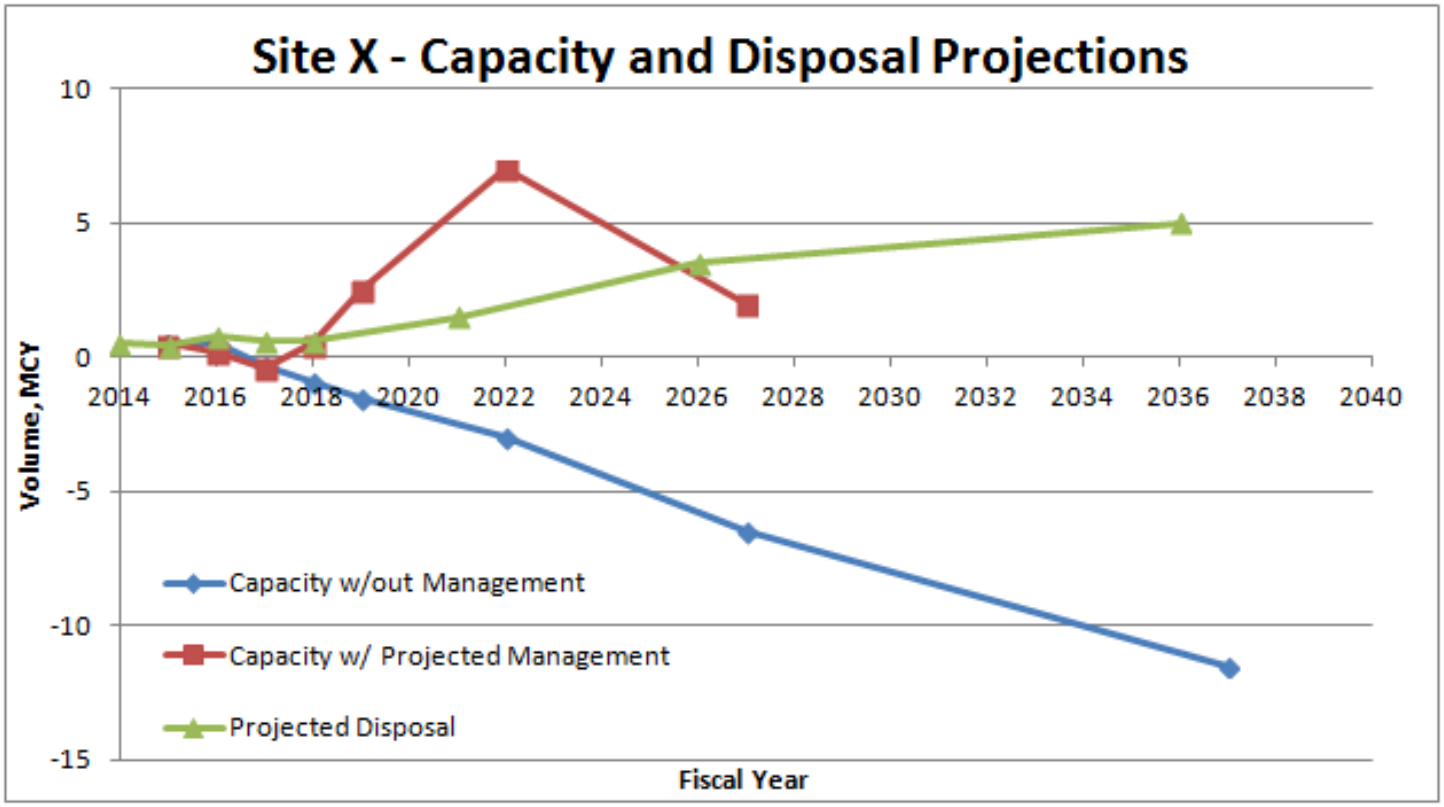
Analysis Tools

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

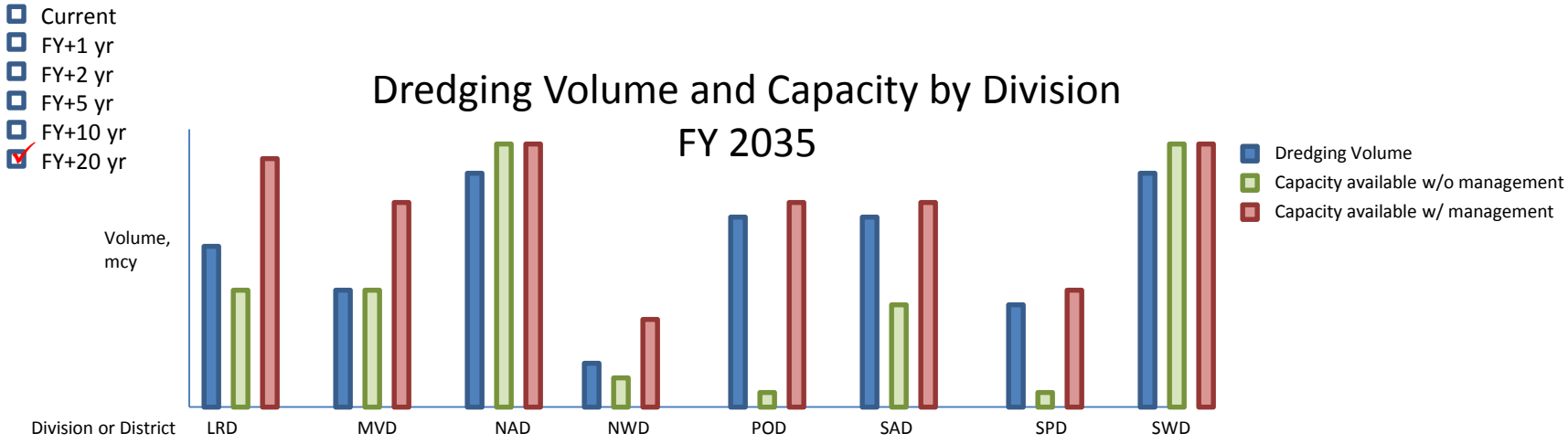
Table 3. Site X – Long Term Management Plan				
Year	Capacity Added (mcy)	Cost ($M)	Management Type	**Life Extended (Years)**
2016	0.5	$ 0.90	Dike raising	**1.0**
2018	0.5	$ 6.00	Dewatering	**1.0**
2018	1	$ 1.10	Dike raising	**2.0**
2019	2	$ 1.00	BU removal	**3.7**
2020	1.5	$ 0.80	BU removal	**2.9**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

Analysis Tools

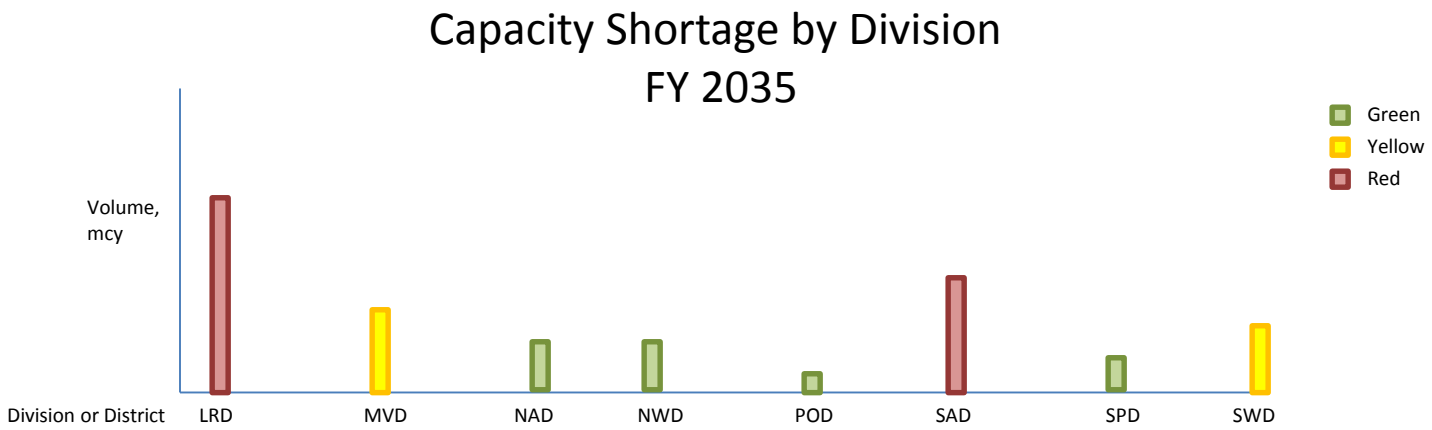


Analysis Tools

- District-, Division- or Corps-wide



- Capacity Status (either with management or without management)



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.