

# Pond Biosolids Removal and Reuse Project (CIP 13745)



#### NapaSan Board of Directors Meeting November 4, 2020

NapaSan Board of Directors Meeting – November 4, 2020

Slide 1

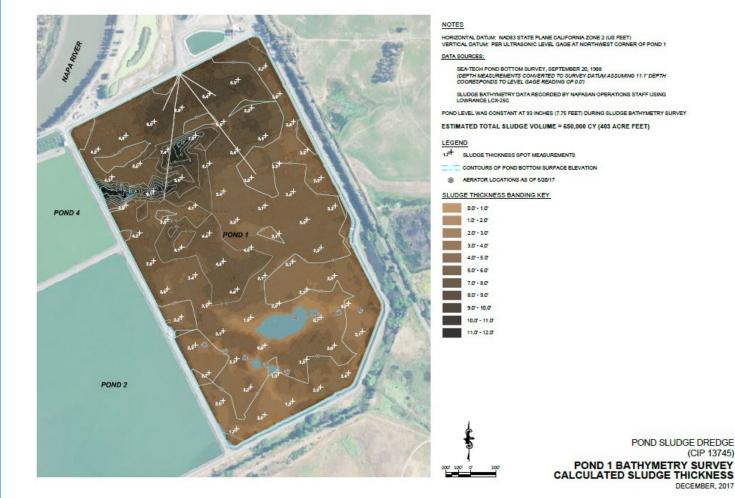


### Background

 Recent biosolids removal projects were completed using various methods between 1999 and 2008







(CIP 13745)

DECEMBER, 2017

NapaSan

Slide 3



#### **Biosolids Removal**

 Remove biosolids to elevation 1.0 ft.

- Priority 1:
  - Northern 1/3 of pond
- Priority 2:
  - Middle 1/3 of pond





### **Project Costs**

#### Total Budget\$2,337,150

Item	Cost
Design	\$39,275
Construction Contract	\$2,000,000
Construction Management, Inspection, ESDC	\$205,135
Estimated Staff Time and Lab Analyses	\$50,000
Total:	\$2,294,410

Slide 5



## **Project Accomplishments**

- Removal of high priority biosolids from Pond 1
- Learned better ways to implement the project next time
- Team effort resulted in a successful project



Recycling

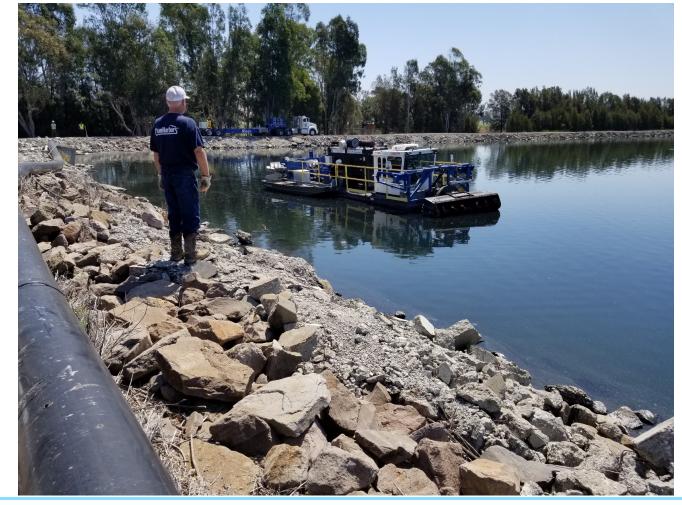
# Napa Sanitation District harvests Napa's sewage sludge for fertilizer

Barry Eberling Aug 14, 2020 Updated Sep 19, 2020



Slide 7





#### NapaSan Board of Directors Meeting – November 4, 2020

Slide 8











### Recommendation

 Adopt Resolution accepting completion and authorizing General Manager to file the Notice of Completion at the Office of the Recorder, Napa County, California for the Pond Biosolids Removal and Reuse Project (CIP 13745).