



Agenda Item 4b

Dredging Process

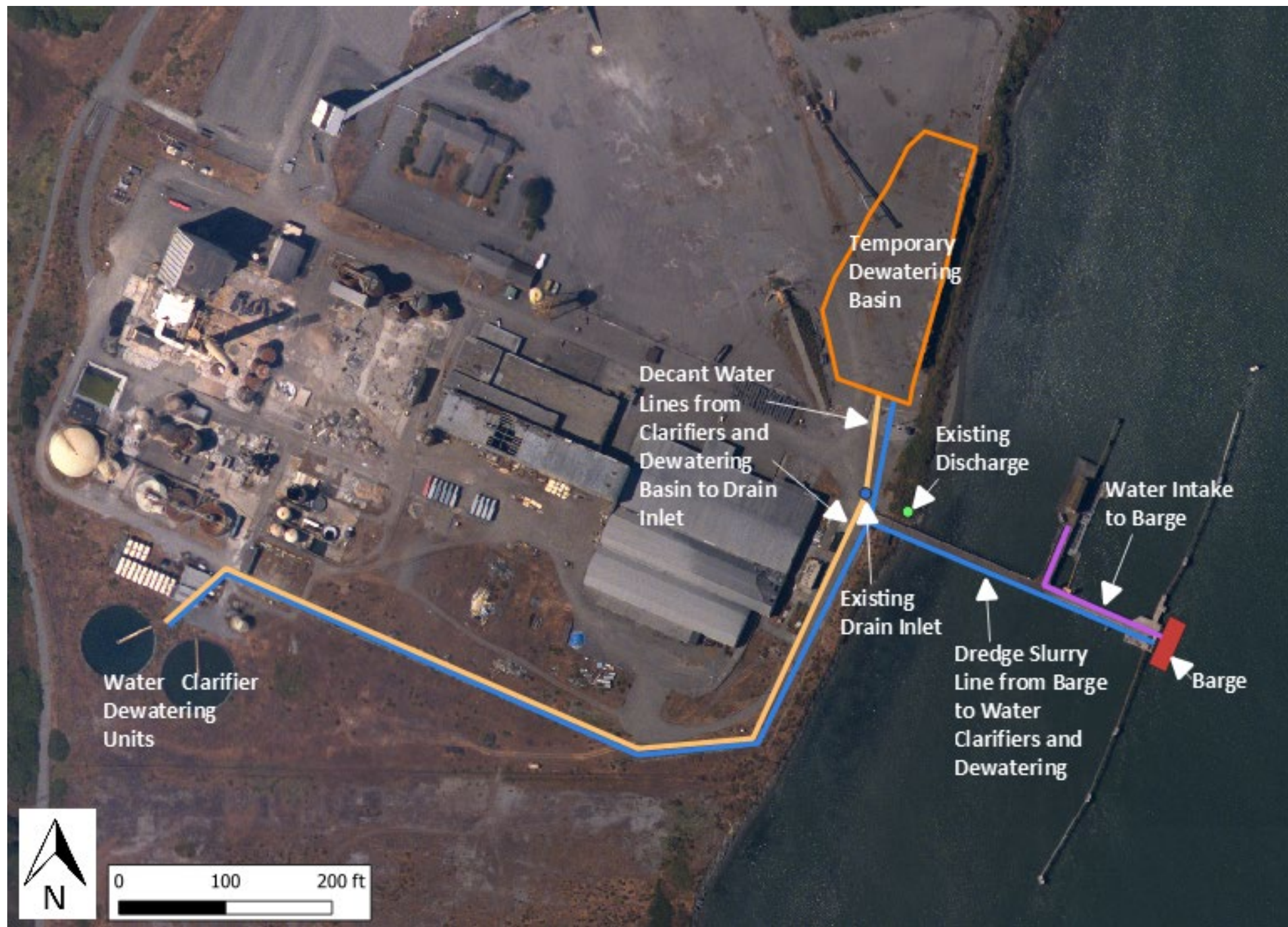
Woodley Island Marina Prioritization

Request for Proposals and Equipment Needs

Dredging Process







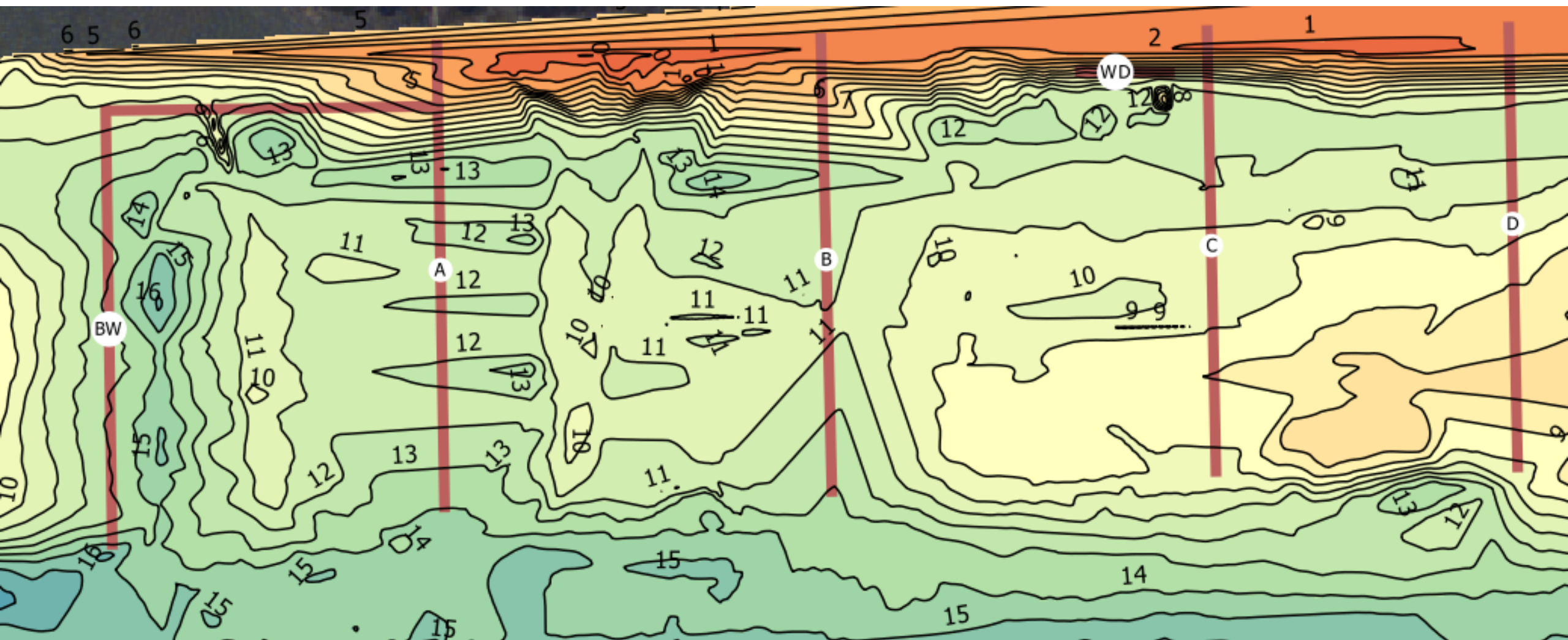


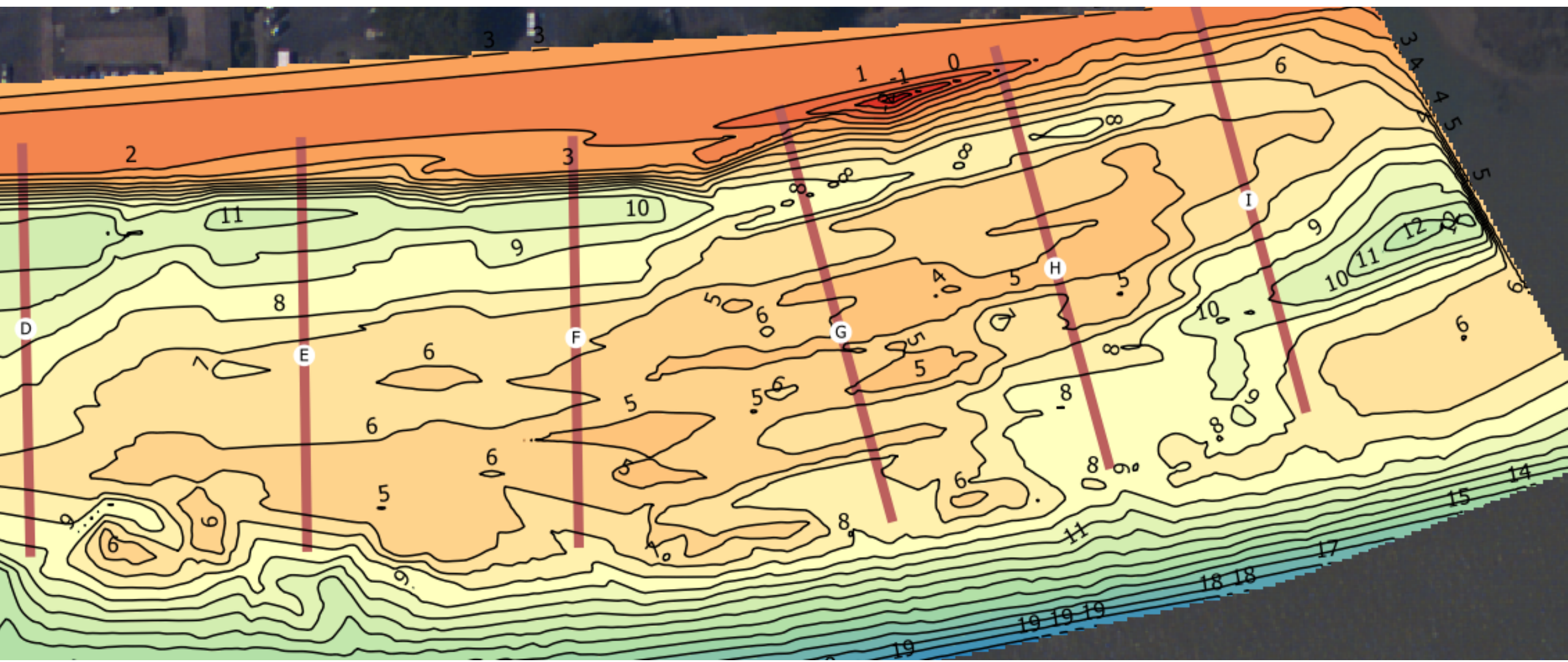
Woodley Island Marina Prioritization

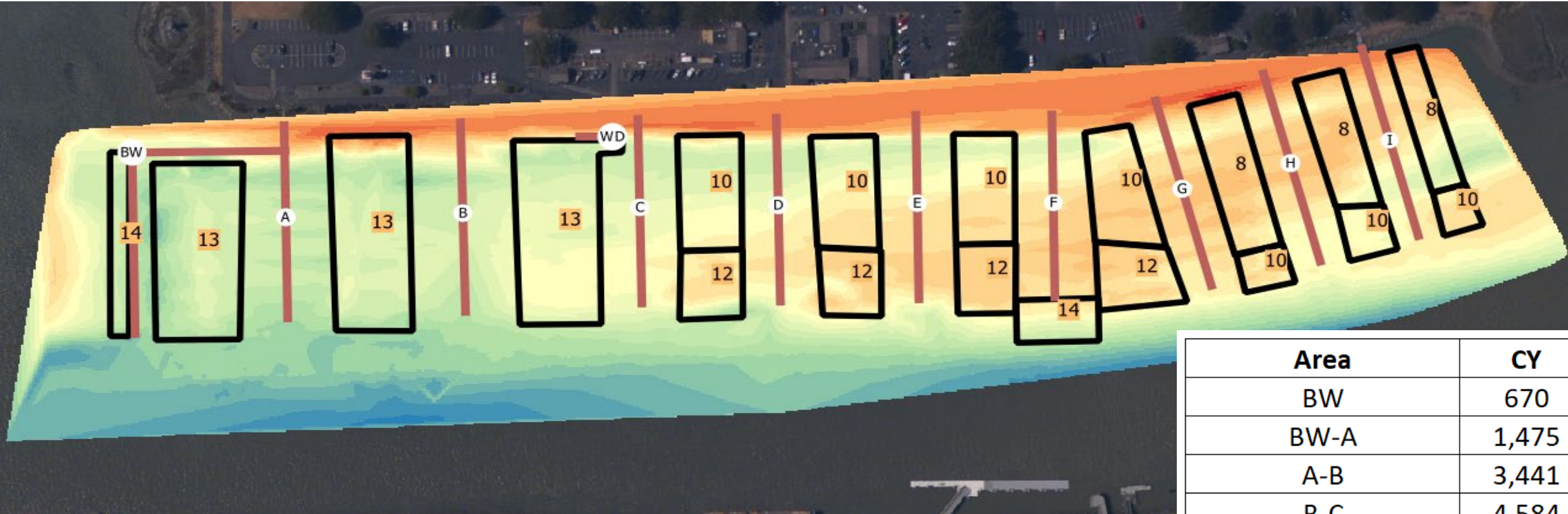
- Prioritization Considerations
 - Vessel Drafts
 - Water Depths
- Dredging Volume Constraints
 - Capacity for Dewatering
 - Cost

Draft of Marina Vessels (Incomplete)

Draft (ft)	# of Vessels
1	2
2	11
3	25
4	30
5	33
6	32
7	19
8	12
9	9
10	6
11	1
12	1







Area	CY
BW	670
BW-A	1,475
A-B	3,441
B-C	4,584
C-D	2,363
D-E	3,420
E-F	3,878
Coastguard (F End Tie)	1,505
F-G	5,030
G-H	2,195
H-I	1,616
I	1,176
Total	31,353

Request for Proposals and Equipment Needs

Request for Proposals (Items 1 and 2)

1. Clamshell dredge to hopper on barge.
2. Reslurry dredge material and pump to dewatering unit.
3. Return decant water to bay

Equipment Needs

1. K-Rails
2. Plastic Liner
3. Other misc. equipment for dewatering