



— *Making a difference, together* —

# Bureau of Engineering Dredging Projects

FY 24 Proposed Capital Budget  
May 8, 2023



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# Dredging Program

- Maintaining navigable depths for recreational boating along County shore line
- **163** Navigable Channels County-wide (2 Federal Channels)
- Funding typically 50/50 with DNR Waterway Improvement Funds



# FY24 Dredging Program Request

- **FY24 Projects requested total \$7,218,000 (\$3,338,000 grant request)**
- **State Budget recommendations total \$2,748,000 (\$1,259,000 grant)**
  - **Lake Placid Dredging: \$540,000**
  - **Little Magothy River Dredging: \$901,000**
  - **Church Creek Dredging: \$508,000**
  - **Duvall/Kitty Creek Dredging: \$799,000**
  - **Upper West River & Johns Creek Dredging: \$1,100,000**
  - **Tenthouse Creek Dredging: \$2,332,000**
  - **Parker Creek Dredging: \$741,000**
  - **Spring Lake Dredging: \$297,000**





**Q591100  
FY24 Dredging**

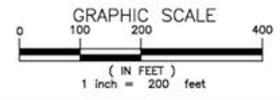
**Lake Placid  
Dredging**

Magothy River  
Watershed

645 Beneficiaries  
2,600 Total C.Y.

- NOTES:**
1. 2020 AERIAL PHOTOGRAPHY TAKEN FROM ANNE ARUNDEL COUNTY.
  2. TOTAL BOAT USERS: 645+.
  3. 71 BOAT SLIPS & 0 MOORINGS BASED ON ANNE ARUNDEL COUNTY AERIAL 2020.

- BOAT
- SLIP
- BOAT RAMP

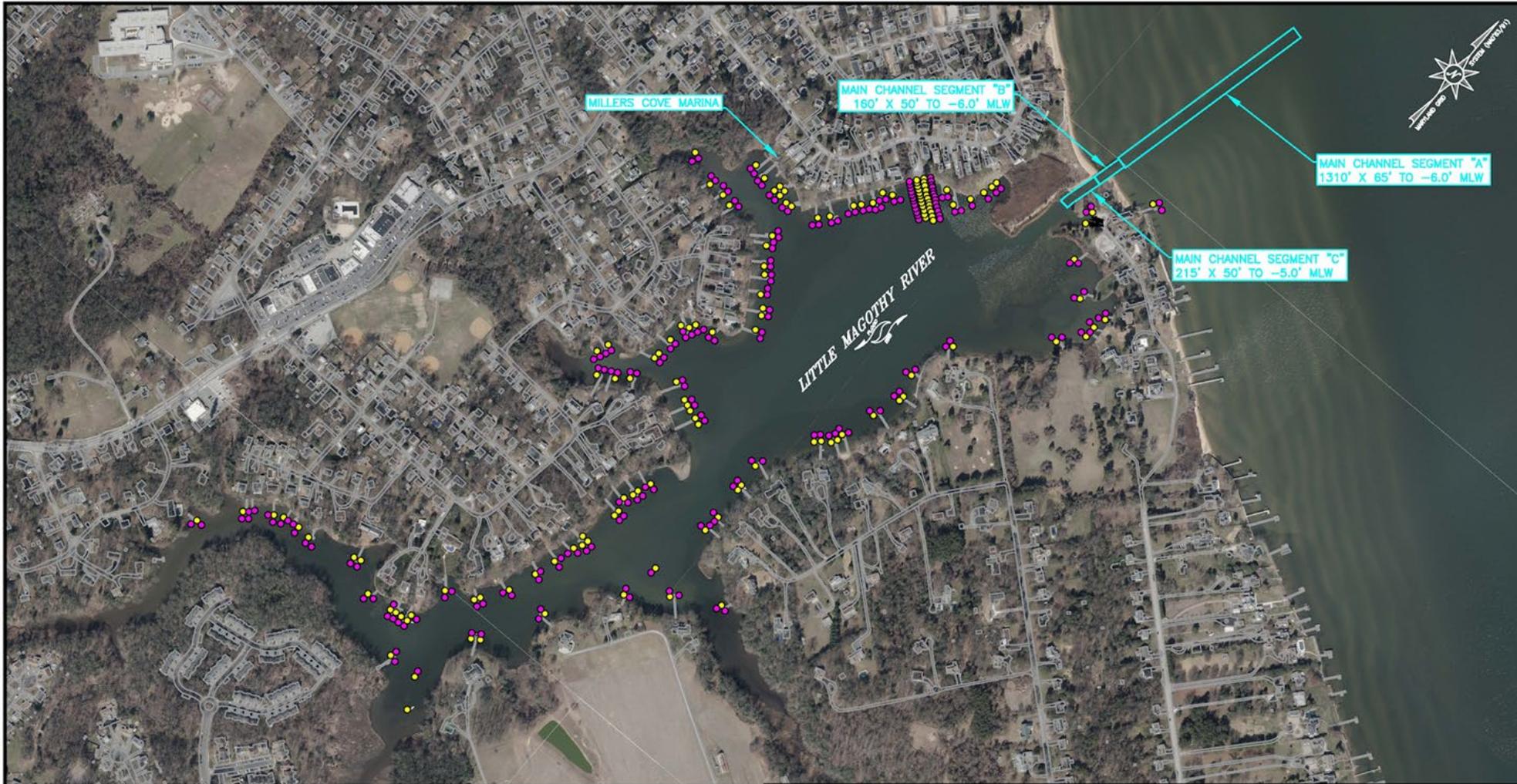


**BayLand**  
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*"Integrating Engineering and Environment"*

7455 New Ridge Road, Suite T Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

**LAKE PLACID  
COUNTY CHANNEL**  
SEPTEMBER 2022

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**Q591100  
FY24 Dredging**

**Little Magothy  
River Dredging**

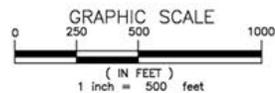
Magothy River  
Watershed

140 Beneficiaries  
6,500 Total C.Y.

**NOTES:**

1. 2020 AERIAL PHOTOGRAPHY TAKEN FROM ANNE ARUNDEL COUNTY.
2. TOTAL BOAT USERS: 140.
3. 199 BOAT SLIPS & 2 MOORINGS BASED ON ANNE ARUNDEL COUNTY AERIAL 2020.

-  BOAT
-  SLIP
-  BOAT RAMP



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**LITTLE MAGOTHY RIVER  
COUNTY CHANNEL  
SEPTEMBER 2022**

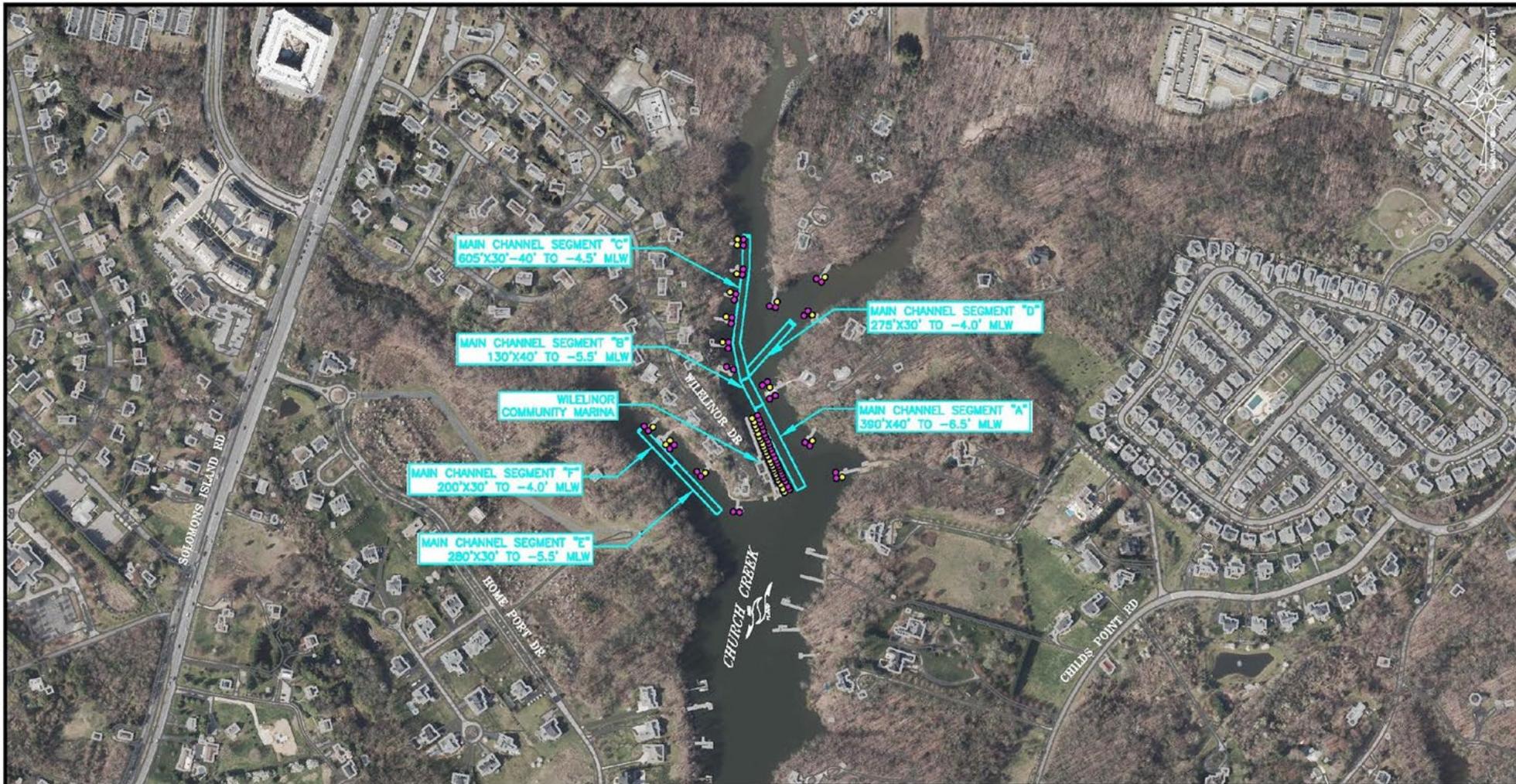
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Q591100  
FY24 Dredging

**Church Creek  
Dredging**

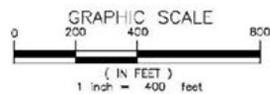
South River  
Watershed

39 Beneficiaries  
2,500 Total C.Y.



- NOTES:  
1. 2020 AERIAL PHOTOGRAPHY FROM ANNE ARUNDEL COUNTY.  
2. TOTAL ANNUAL BOAT USERS: 39  
3. 57 BOAT SLIPS BASED ON ANNE ARUNDEL 2020 AERIAL

- BCAT
- SLIP
- BCAT RAMP



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CHURCH CREEK  
COUNTY CHANNEL  
SEPTEMBER 2022

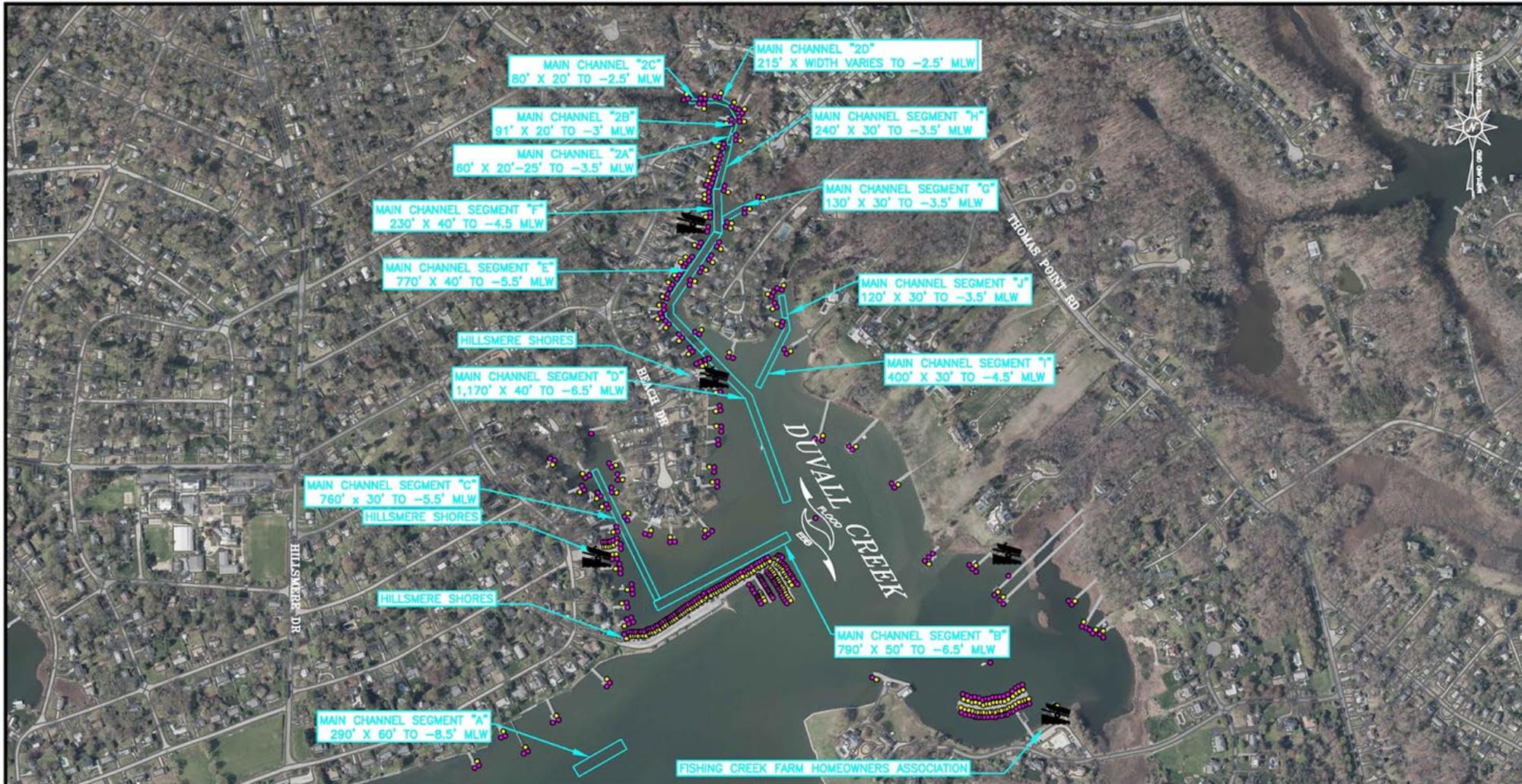
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Q591100  
FY24 Dredging

**Duval Kitty  
Creek Dredging**

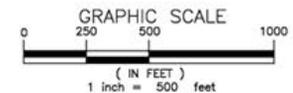
South River  
Watershed

247 Beneficiaries  
4,500 Total C.Y.



- NOTES:
1. 2020 AERIAL PHOTOGRAPHY TAKEN FROM ANNE ARUNDEL COUNTY.
  2. TOTAL ANNUAL BOAT USERS: 247.
  3. 344 BOAT SLIPS & 5 MOORINGS BASED ON ANNE ARUNDEL COUNTY 2020 AERIAL.

- BOAT
- SLIP
- BOAT RAMP



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**DUVALL CREEK  
COUNTY CHANNEL**  
SEPTEMBER 2022

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## Dredging Project Changes

**Q463600 – Waterway Improvement Project Planning** – Convert to multi-year project for planning - \$89,000/year

**Q475000 – Waterway Dredge Placement** – Increase based on identified projects - \$128,000

**Q576800 - Cornfield Creek Dredging 2** - Completed - give back \$28,000

**Q579200 - Franklin Manor Dredging** - Completed - give back \$91,000

**Q579300 - Mathias Cove & Main Creek Dredging** - Completed - give back \$29,000

**Q584900 - Yantz & Saltworks Creek Dredging** - Increase based on current cost estimates - \$130,000

**Q585000 - Grays Creek & Hunters Harbor Dredging** - Increase based on current cost estimates - \$382,000

**Q585100 - Dividing Creek Dredging 2** - Increase based on current cost estimates - \$36,000

