

# WEDA--Mid West Chapter Meeting Rock Island District

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MVR

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US Army Corps of Engineers  
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# Memory Lane



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# By the Numbers- UMR

## 2015 Mississippi River Channel Maint. Dredging

| Cut Name                                         | Cut River Mile | Estimated Cubic | Actual Cubic Yards | OSIT    | Date Started                                                                                      | Date Completed | Placement Type                                             | Placement                  | River Mile |
|--------------------------------------------------|----------------|-----------------|--------------------|---------|---------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------|----------------------------|------------|
| <b>Hydraulic Dredging</b>                        |                |                 |                    |         |                                                                                                   |                |                                                            |                            |            |
| Island 241                                       | 560.4-561.1    | 38,950          | 48,041             | On Site | 4-Aug-15                                                                                          | 10-Aug-15      | Bankline/Thalweg                                           | 561.8-562.3L; 561.0-561.5T |            |
| Des Moines River                                 | 361.0-361.2    | 51,240          | 41,216             | email   | 17-Aug-15                                                                                         | 23-Aug-15      | Bankline                                                   | 361.0 - 361.4R             |            |
| Buzzard Island                                   | 348.0-349.6    | 28,900          | 26,240             | email   | 13-Aug-15                                                                                         | 17-Aug-15      | Upland/Beneficial                                          | 349.1-349.2R DMMP Site     |            |
| Lock 20 Upper                                    | 343.3-344.3    | 220,000         | 358,579            | email   | 16-Oct-15                                                                                         | 15-Nov-15      | Bankline                                                   | 344.8 - 345.6R             |            |
| <b>Total Hydraulic Calendar 2015</b>             |                |                 | <b>474,076</b>     |         |                                                                                                   |                | * 2015 All Channel Hydraulic Dredging by Gov. Dredge Goetz |                            |            |
| <b>Total Hydraulic Fiscal 2015</b>               |                |                 | <b>115,497</b>     |         | <b>*Fall 2014 (Fiscal '15) = 0 CY</b>                                                             |                |                                                            |                            |            |
| <b>Total Hydraulic Fiscal 2016</b>               |                |                 | <b>358,579</b>     |         | <b>*Fall 2015 (Fiscal '16) = 358,579 CY</b>                                                       |                |                                                            |                            |            |
| <b>Mechanical Dredging</b>                       |                |                 |                    |         |                                                                                                   |                |                                                            |                            |            |
| Smith Bay                                        | 528.7-529.9    | 16,535          | 17,860             | /email  | 7-Apr-15                                                                                          | 21-Apr-15      | Bankline                                                   | 531.3-531.5L               |            |
| Lock 20 Upper                                    | 343.3-344.3    | 17,560          | 44,662             | /email  | 29-Apr-15                                                                                         | 17-Sep-15      | Bankline                                                   | 343.3-343.6R               |            |
| Maquoketa River                                  | 547.0-548.6    | 16,475          | 14,515             | /email  | 27-Jul-15                                                                                         | 3-Sep-15       | Inland/Beneficial Use                                      | 548.8R                     |            |
| Cave Hollow (closure)                            | 306.0-306.5    | 4,095           | 5,283              | Phone   | 8-Aug-15                                                                                          | 11-Aug-15      | In Hydraulic Dredge Cut                                    | 305.6                      |            |
| Lock 22 Upper                                    | 301.5-303.4    | 2,520           | 1,780              | /email  | 12-Aug-15                                                                                         | 18-Aug-15      | Bankline                                                   | 302.5R                     |            |
| LaGrange                                         | 335.9-337.4    | 35,950          | 3,164              | /email  | 13-Aug-15                                                                                         | 18-Aug-15      | Bankline/Beneficial Use                                    | 336.2-336.5R               |            |
| Hogback/Lonetree                                 | 330.9-332.6    | 13,065          | 14,707             | /email  | 28-Sep-15                                                                                         | 3-Nov-15       | Thalweg                                                    | 330.8T                     |            |
| Lock 16 Lower                                    | 456.2-457.0    | 11,700          | 15,687             | /email  | 28-Sep-15                                                                                         | 15-Oct-15      | Bankline                                                   | 456.2-456.4L               |            |
| Hogback (closure)                                | 330.9-332.6    | 16,103          | 17,142             | /email  | 18-Oct-15                                                                                         | 28-Oct-15      | Thalweg                                                    | 330.8T                     |            |
| Oquawka                                          | 414.7-415.2    | 13,320          | 12,408             | Email   | 19-Oct-15                                                                                         | 29-Oct-15      | Thalweg                                                    | 418.2T                     |            |
| Lock 20 Upper Aux                                | 343.3-344.3    | 1,963           | 3,048              |         | 2-May-15                                                                                          | 7-May-15       | Upland/Storage Yard                                        | 343.2R                     |            |
| Lock 21 Upper Aux                                | 325.0          | 3,515           | 4,108              |         | 14-May-15                                                                                         | 21-May-15      | Upland/Storage Yard                                        | 324.8L                     |            |
| Lock 12 Aux                                      | 555.0          | 5,555           | 4,272              | /email  | 15-Jun-15                                                                                         | 22-Jun-15      | Inland/Beneficial Use                                      | 548.8R                     |            |
| Lock 11 Aux                                      | 583.0-583.1    | 1,740           | 1,112              | /email  | 7-Jun-15                                                                                          | 9-Jul-15       | Inland/Beneficial Use                                      | 548.8R                     |            |
| Lock 14 Lower Aux                                | 492.0-492.2    | 9,173           | 5,305              |         | 9-Sep-15                                                                                          | 24-Sep-15      | Upland/Beneficial Use                                      | 493.3R                     |            |
| Lock 13 Aux                                      | 549.0          | 483             | 833                |         | 4-Nov-15                                                                                          | 10-Nov-15      | Inland/Beneficial Use                                      | 548.8R                     |            |
| Lock 21 Lower Aux                                | 325.0          | 3,814           | 1,722              |         | 16-Nov-15                                                                                         | 19-Nov-15      | Upland                                                     | 324.8L                     |            |
| <b>Total Mechanical Calendar 2015</b>            |                |                 | <b>167,608</b>     |         |                                                                                                   |                | * 2015 All Mechanical Dredging by Gov. Hired Labor         |                            |            |
| <b>Total Mechanical Fiscal 2015</b>              |                |                 | <b>199,844</b>     |         | <b>*Fall 2014 (Fiscal '15) = Buzzard1 1,613 + LD 15 Lower (4,777) + Hogback2 (20,351) + Keitt</b> |                |                                                            |                            |            |
| <b>Total Mechanical Fiscal 2016</b>              |                |                 | <b>56,818</b>      |         | <b>*Fall 2015 (Fiscal '16) = 16 Lower (14,194)+Hogback/Lonetree(10,519)+Hogback</b>               |                |                                                            |                            |            |
| <b>2015 Hydraulic &amp; Mech. Calendar Total</b> |                |                 | <b>641,684</b>     |         |                                                                                                   |                | Last Update 23-Mar-15                                      |                            |            |



# By the Numbers IWW

| 2015 Illinois River Channel Maint. Dredging                                                                     |                |                                             |                    |                                                                              |              |                |                |                      |
|-----------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------|--------------------|------------------------------------------------------------------------------|--------------|----------------|----------------|----------------------|
| Cut Name                                                                                                        | Cut River Mile | Estimated Cubic Yards                       | Actual Cubic Yards | OSIT                                                                         | Date Started | Date Completed | Placement Type | Placement River Mile |
| Hydraulic Dredging                                                                                              |                | Hydraulic dredging by Contract, Morgan Gale |                    |                                                                              |              |                |                |                      |
| Clark Island                                                                                                    | 215.4-215.8 F  | 26,000                                      | 26,511             | Email                                                                        | 2-Sep-15     | 6-Sep-15       | Bankline       | 216.4 R              |
| Copperas Creek                                                                                                  | 137.1-137.5 F  | 45,000                                      | 44,380             | Email                                                                        | 10-Sep-15    | 18-Sep-15      | Bankline       | 136.9L               |
| Total Hydraulic Calendar 2015                                                                                   |                |                                             | 70,891             |                                                                              |              |                |                |                      |
| Total Hydraulic Fiscal 2015                                                                                     |                |                                             | 131,901            | *Fall 2014 (Fiscal '15) = Part Mac'Lwr 30,402 + Copperas 30,608 = 61,010 Yds |              |                |                |                      |
| Total Hydraulic Fiscal 2016                                                                                     |                |                                             | 0                  |                                                                              |              |                |                |                      |
| Mechanical Dredging                                                                                             |                |                                             |                    |                                                                              |              |                |                |                      |
| Dresden Lower RDB Cut B 296 + LDB 211cys to include removal of bankline material at Placement site per previous | 271.1 R        | 300                                         | 1,194              | Email                                                                        | 10-Feb-15    | 11-Feb-15      | Upland         | 270.5 R              |
| Beardstown RR Bridge                                                                                            | 88.8 L         | 8,575                                       | 8,333              | Email                                                                        | 26-Feb-15    | 13-Mar-15      | Bankline       | 88.1-88.8 R          |
| Peoria Boat Yard                                                                                                | 164.2          | 7,520                                       | 7,383              | Email                                                                        | 6-May-15     | 27-May-15      | Upland CPS R   | 162.3                |
| Bulls Island                                                                                                    | 240.4-241.1 F  | 16,585                                      | 18,122             | Email                                                                        | 7-Jul-15     | 6-Aug-15       | Upland         | 241.7 R              |
| Bulls Island upper                                                                                              | 241.4-241.7 L  | 3,030                                       | 6,011              | Email                                                                        | 11-Aug-15    | 18-Aug-15      | Upland         | 241.7 R              |
| Starved Rock Lower LDB all cuts 10926cys and Placement site dig in RM 228.0 R 2418 cys                          | 230.3-230.9 L  | 13,930                                      | 13,344             | Email                                                                        | 9-Sep-15     | 6-Nov-15       | Upland CPS     | 228.0 R              |
| Total Mechanical Calendar 2015                                                                                  |                |                                             | 54,387             |                                                                              |              |                |                |                      |
| Total Mechanical Fiscal 2015                                                                                    |                |                                             | 54,387             | *Fall 2014 (Fiscal '15) = No jobs from Oct 1 2015- Dec 31 2015               |              |                |                |                      |
| Total Mechanical Fiscal 2016                                                                                    |                |                                             | 9,593              | *Fall 2015 (Fiscal '16)= Starved Rock lower                                  |              |                |                |                      |
| 2015 Hydraulic & Mech. Calendar Total                                                                           |                |                                             | 125,278            | * All Mechanical Dredging by Gov. Hired Labor ( IWW Mazon crew )             |              |                |                |                      |
| Hydraulic & Mech. Fiscal 2015 Total                                                                             |                |                                             | 186,288            |                                                                              |              |                |                |                      |
| Hydraulic & Mech. Fiscal 2016 Total                                                                             |                |                                             | 9,593              |                                                                              |              |                |                |                      |
| Last Update 28-Jan-16                                                                                           |                |                                             |                    |                                                                              |              |                |                |                      |





# How we Get it Done On the UMR and IWW



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# What's on the Horizon



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# Finleys Dredge Cut

## Legend

- Finleys Landing Park
- Finleys P11 RM 595.3 LDB
- Island
- Mile

Rosebrook Island

Google earth

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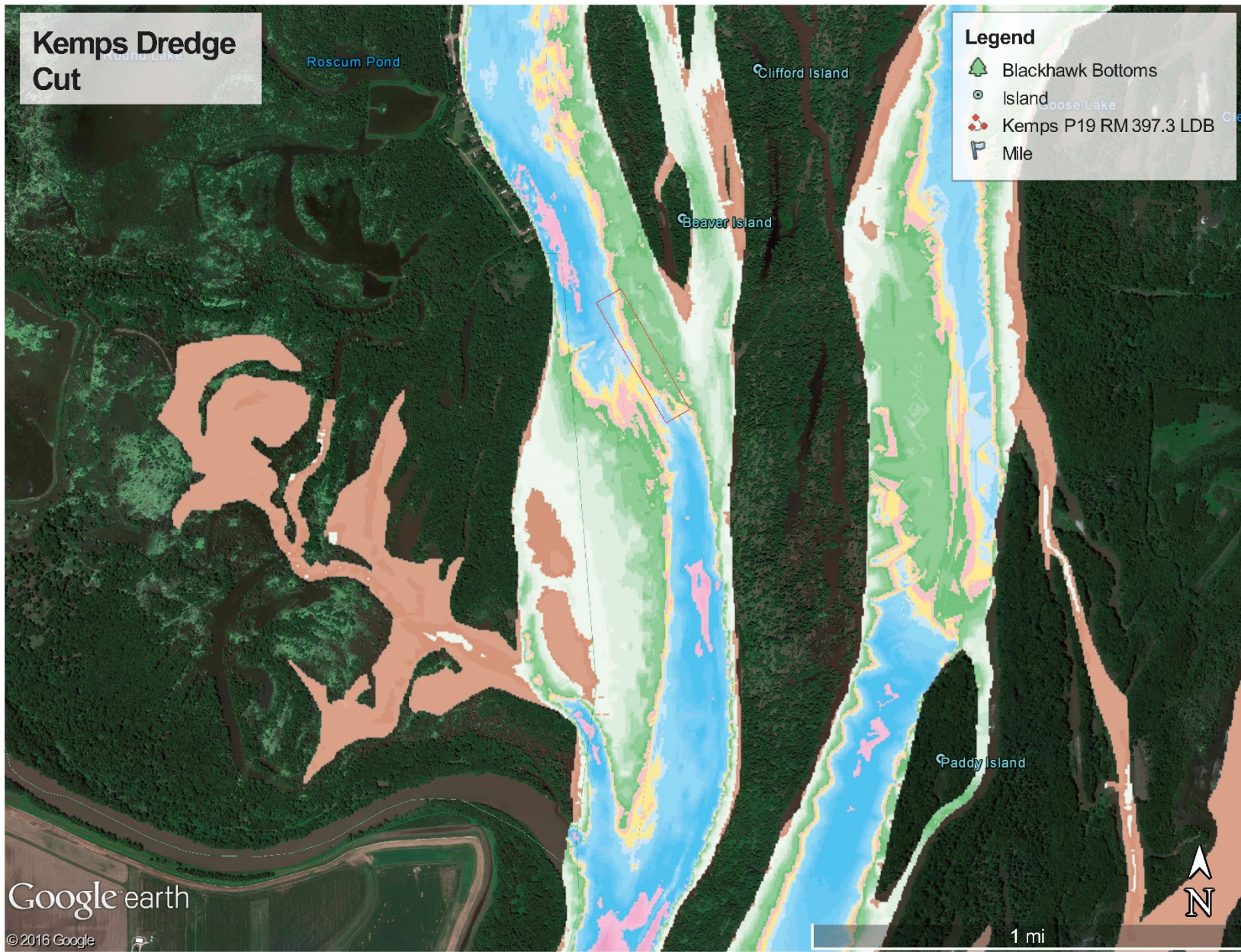
3000 ft



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# Kemps Dredge Cut



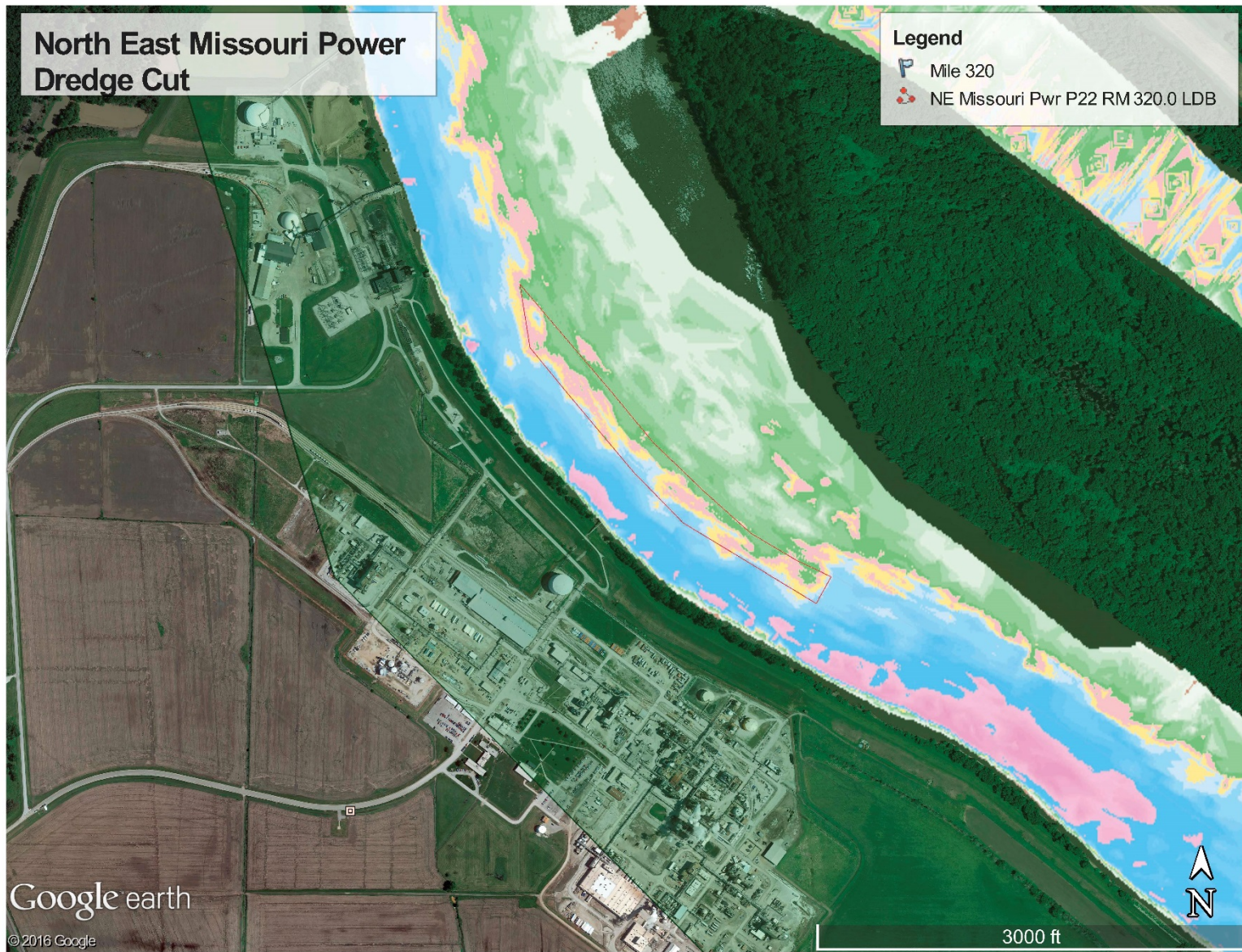
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# North East Missouri Power Dredge Cut

## Legend

-  Mile 320
-  NE Missouri Pwr P22 RM 320.0 LDB



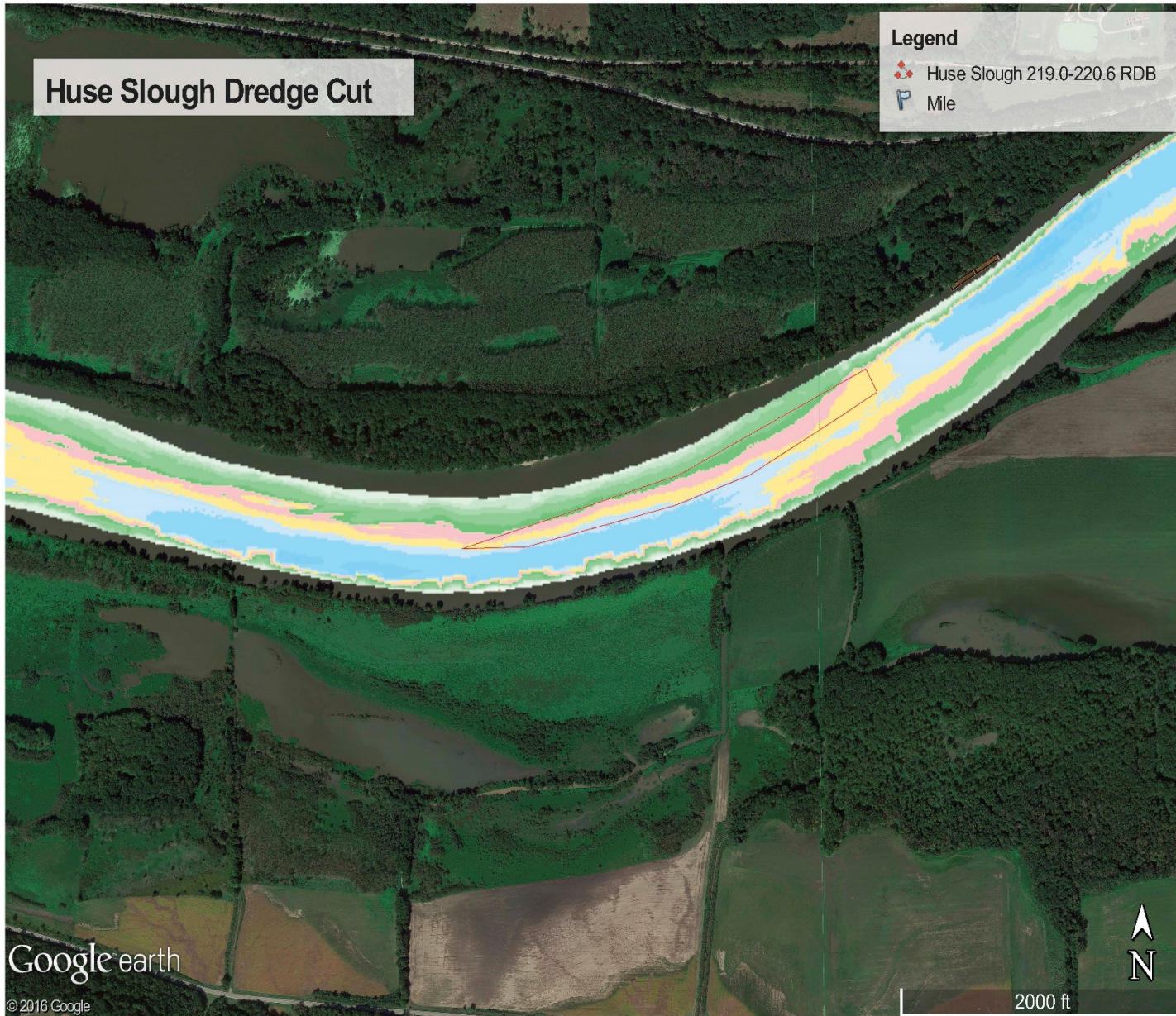
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## Huse Slough Dredge Cut

### Legend

-  Huse Slough 219.0-220.6 RDB
-  Mile



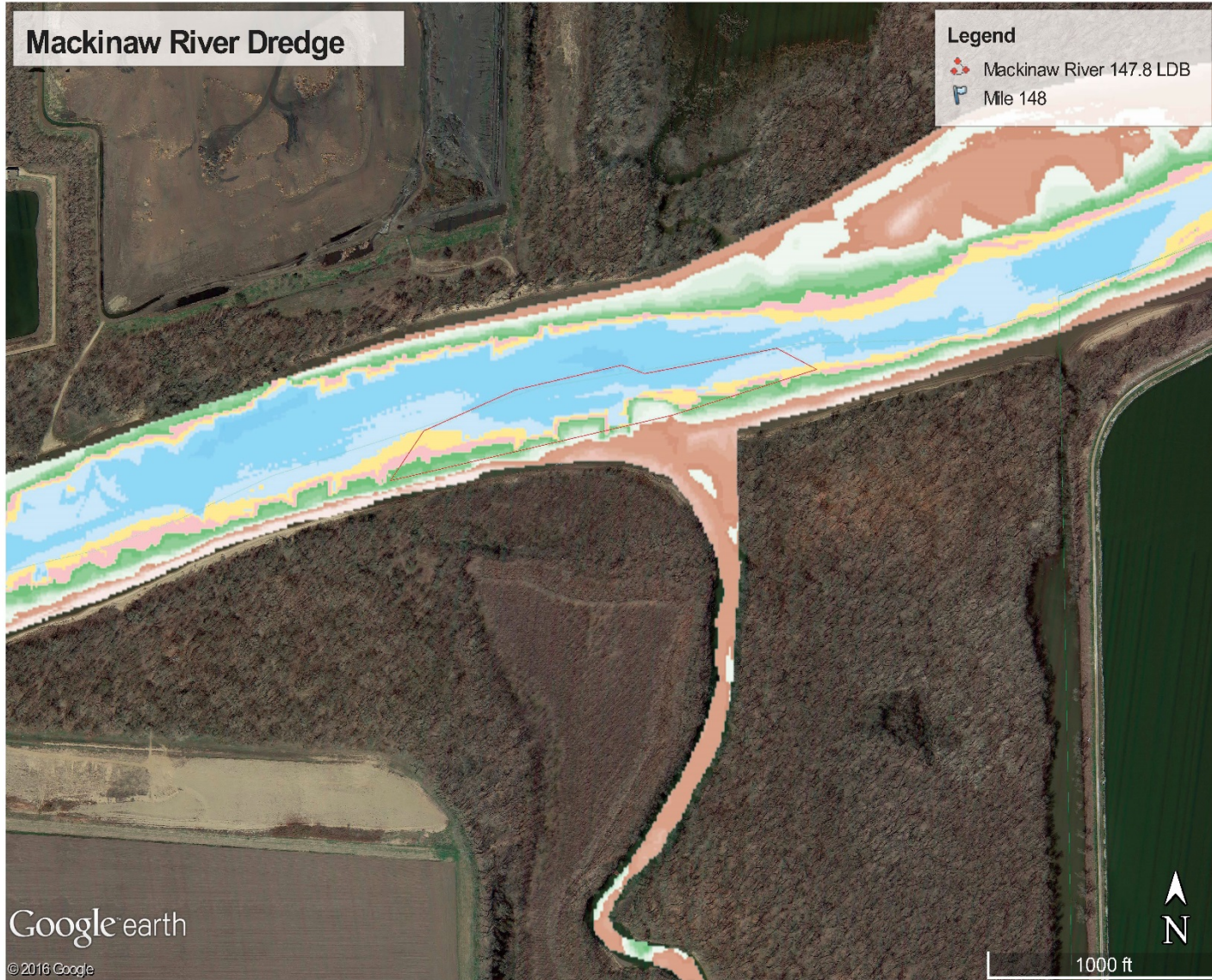
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## Mackinaw River Dredge

### Legend

- Mackinaw River 147.8 LDB
- P Mile 148



Google earth

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1000 ft

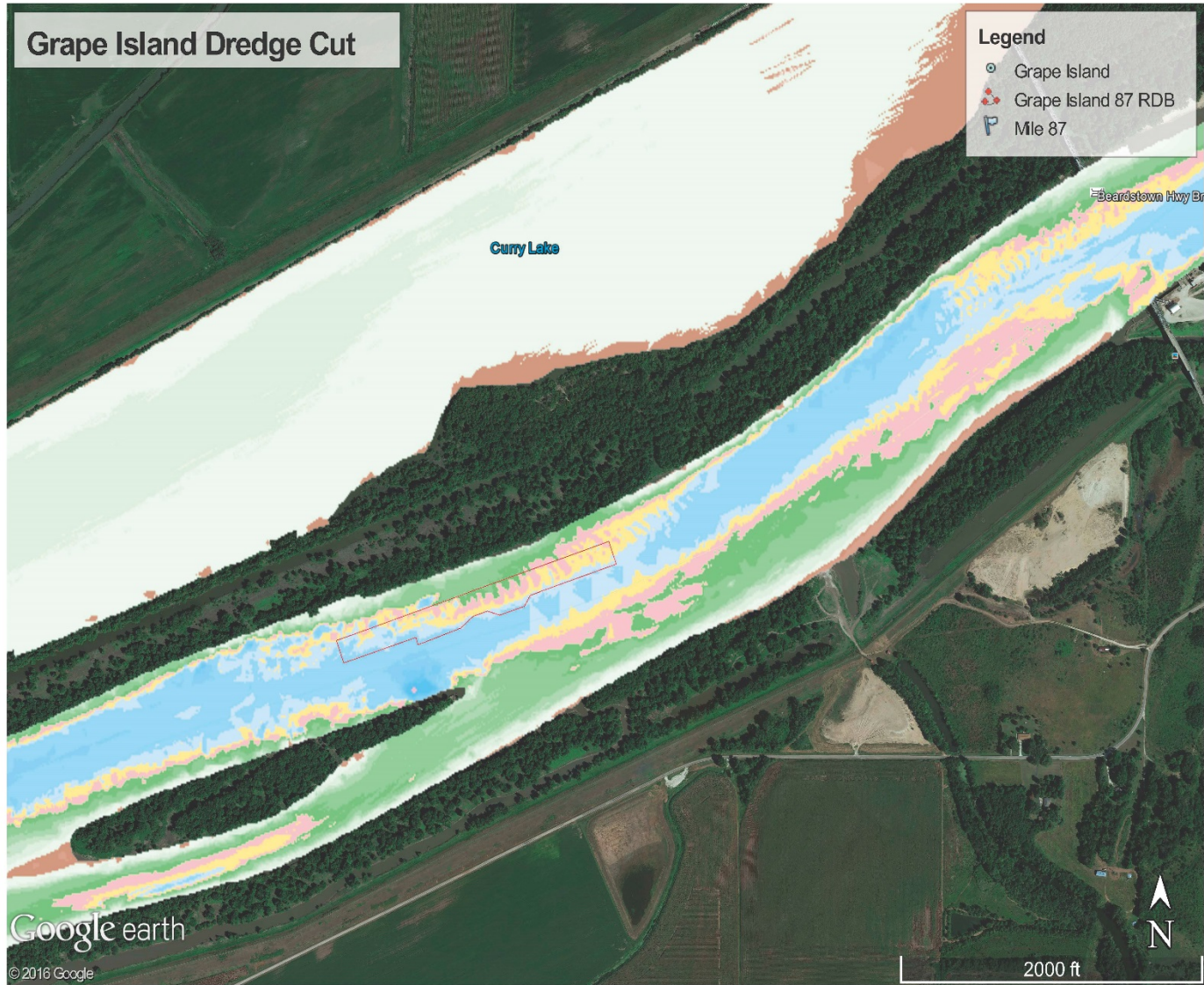
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## Grape Island Dredge Cut



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## Briggs Landing Dredge



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# What We're all Faced with



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# Finally



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