

# CARE COMMITTEE MEETING USACE DREDGING UPDATE

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*and Taking Care of People!*



US Army Corps  
of Engineers



## 2017 DREDGING

- Dredging started September 30, 2017
- Expected completed June 2018
- Ordered Quantities
  - 196,000 cy Federal channel
  - *30,000 cy non-Federal dockface – not ordered*
- Water treated and discharged = 70.3 million gallons



# FEDERAL DREDGING SUMMARY

| Year         | Federal Quantity,<br>CY | Non-Federal<br>Quantity, CY |
|--------------|-------------------------|-----------------------------|
| 2012         | 93,937                  | 0                           |
| 2013         | 214,114                 | 91,833                      |
| 2014         | 210,099                 | 0                           |
| 2015         | 274,348                 | 43,854                      |
| 2016         | 194,429                 | 9760                        |
| 2017         | 200,000                 | 30,000                      |
| <b>Total</b> | <b>1,186,927</b>        | <b>175,447</b>              |

*estimated total by summer 2018 = 1.36 MCY*





**U.S. Army Corps  
of Engineers  
Chicago District**



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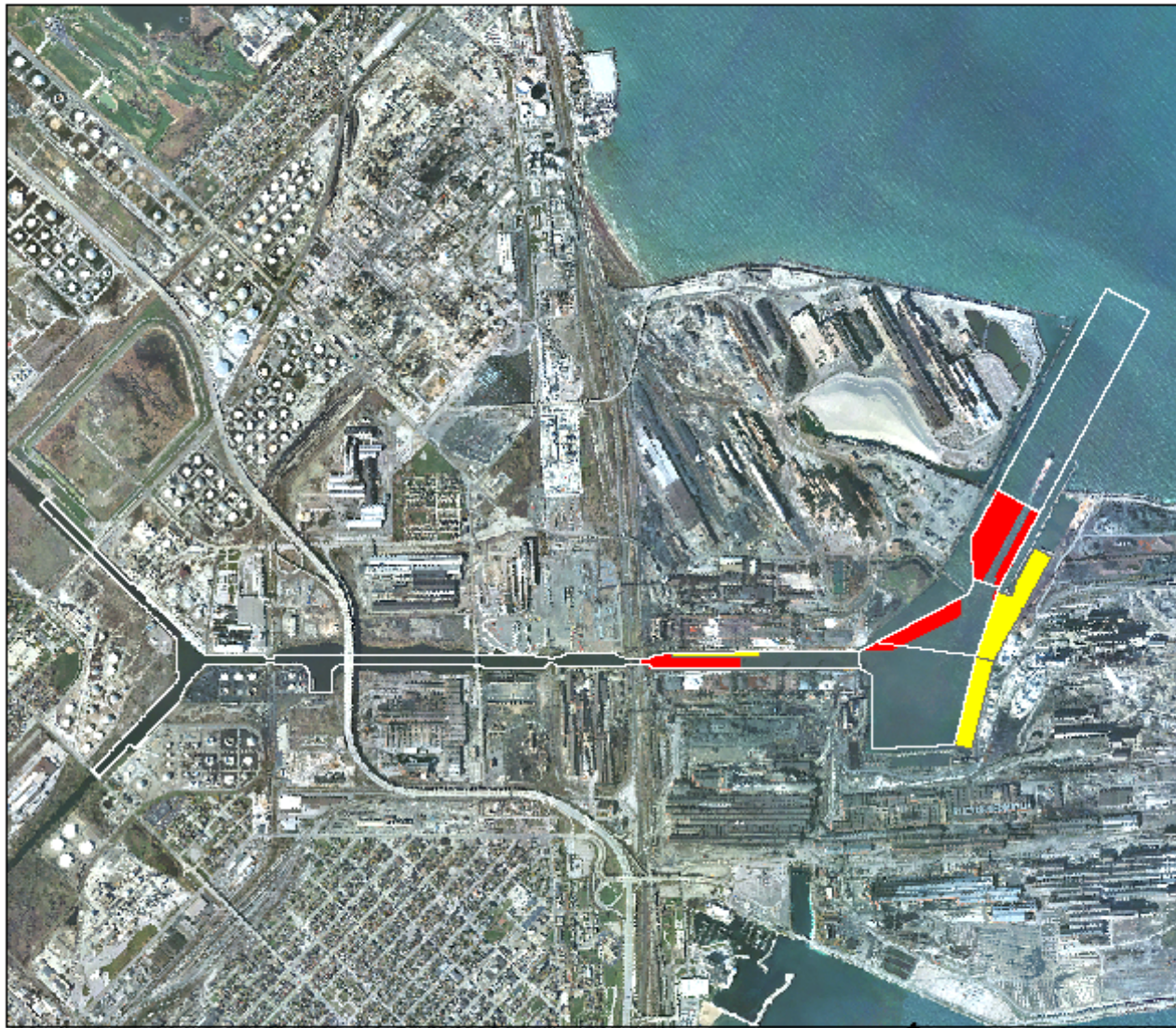




# Indiana Harbor and Canal 2013 Dredging (Completed)

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## Legend

Federal Nav. Channel

Federal  
214,114 cy

Non Federal  
91,833 cy

## Location Map



Date: 9/11/2013



1:27,000



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# Indiana Harbor Dredging Area 2014

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## Legend

- Federal Channel
- 2014 Dredging Area

## Location Map



Date: 1/9/2015



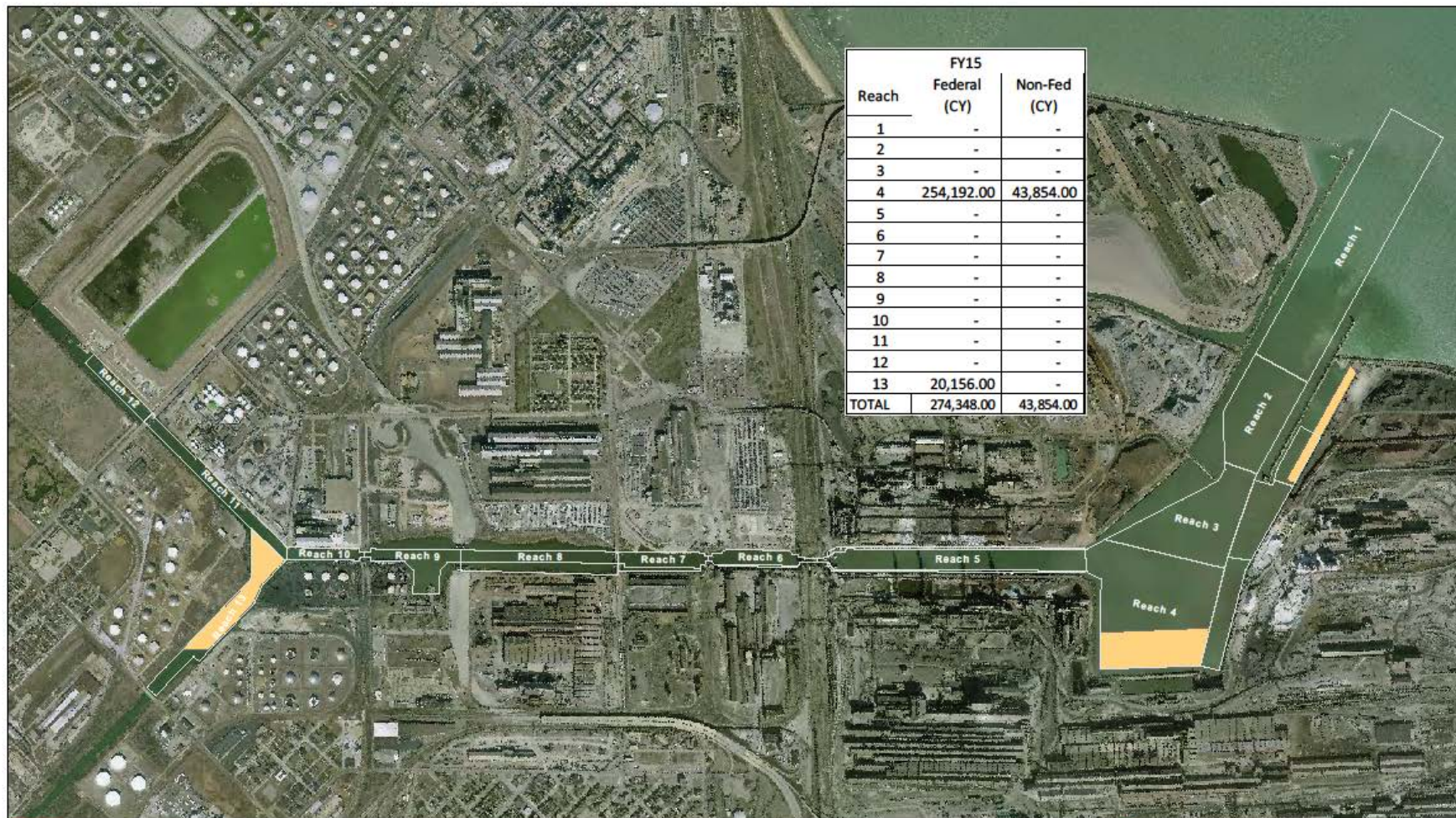
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| Reach        | FY15<br>Federal<br>(CY) | Non-Fed<br>(CY)  |
|--------------|-------------------------|------------------|
| 1            | -                       | -                |
| 2            | -                       | -                |
| 3            | -                       | -                |
| 4            | 254,192.00              | 43,854.00        |
| 5            | -                       | -                |
| 6            | -                       | -                |
| 7            | -                       | -                |
| 8            | -                       | -                |
| 9            | -                       | -                |
| 10           | -                       | -                |
| 11           | -                       | -                |
| 12           | -                       | -                |
| 13           | 20,156.00               | -                |
| <b>TOTAL</b> | <b>274,348.00</b>       | <b>43,854.00</b> |



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### Legend



2015 Dredging Area



Reaches



1 inch = 1,250 feet

0 500 1,000 2,000 3,000 4,000  
Feet

**Indiana Harbor**  
Dredging Material Removed

For Official Use Only  
December, 2015

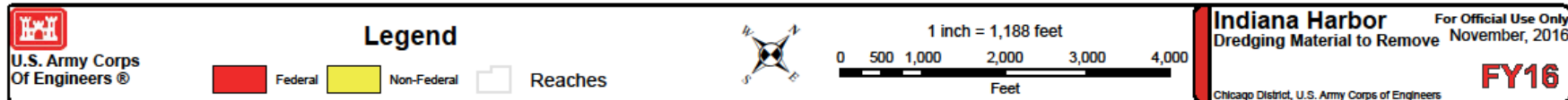
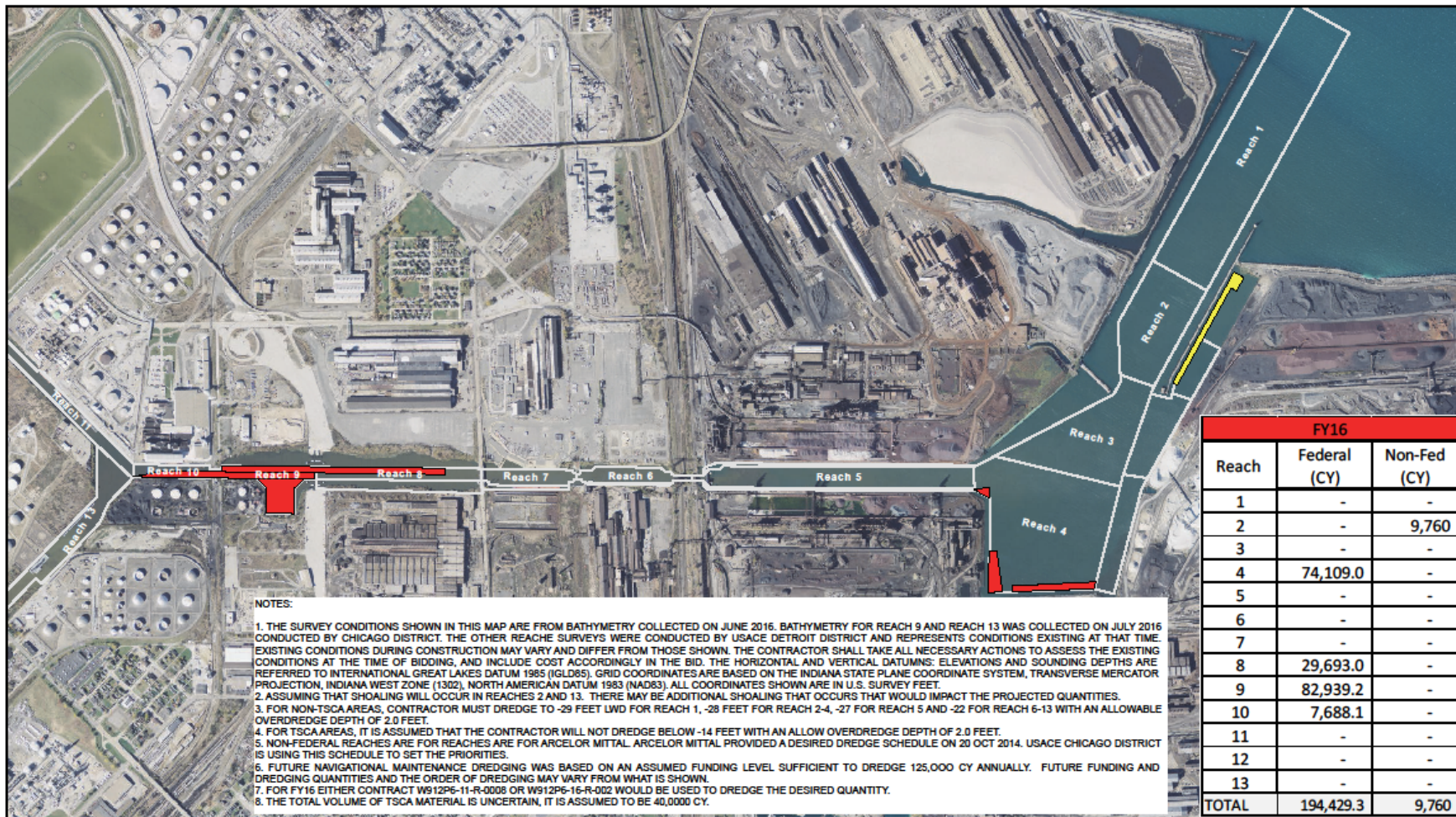
**FY15**

Chicago District, U.S. Army Corps of Engineers



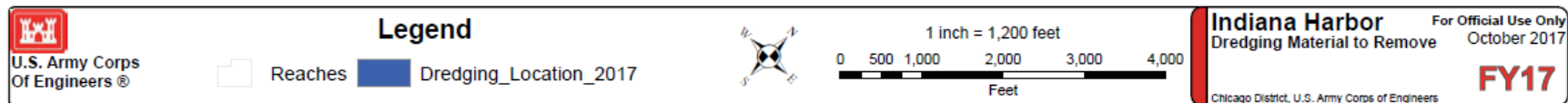
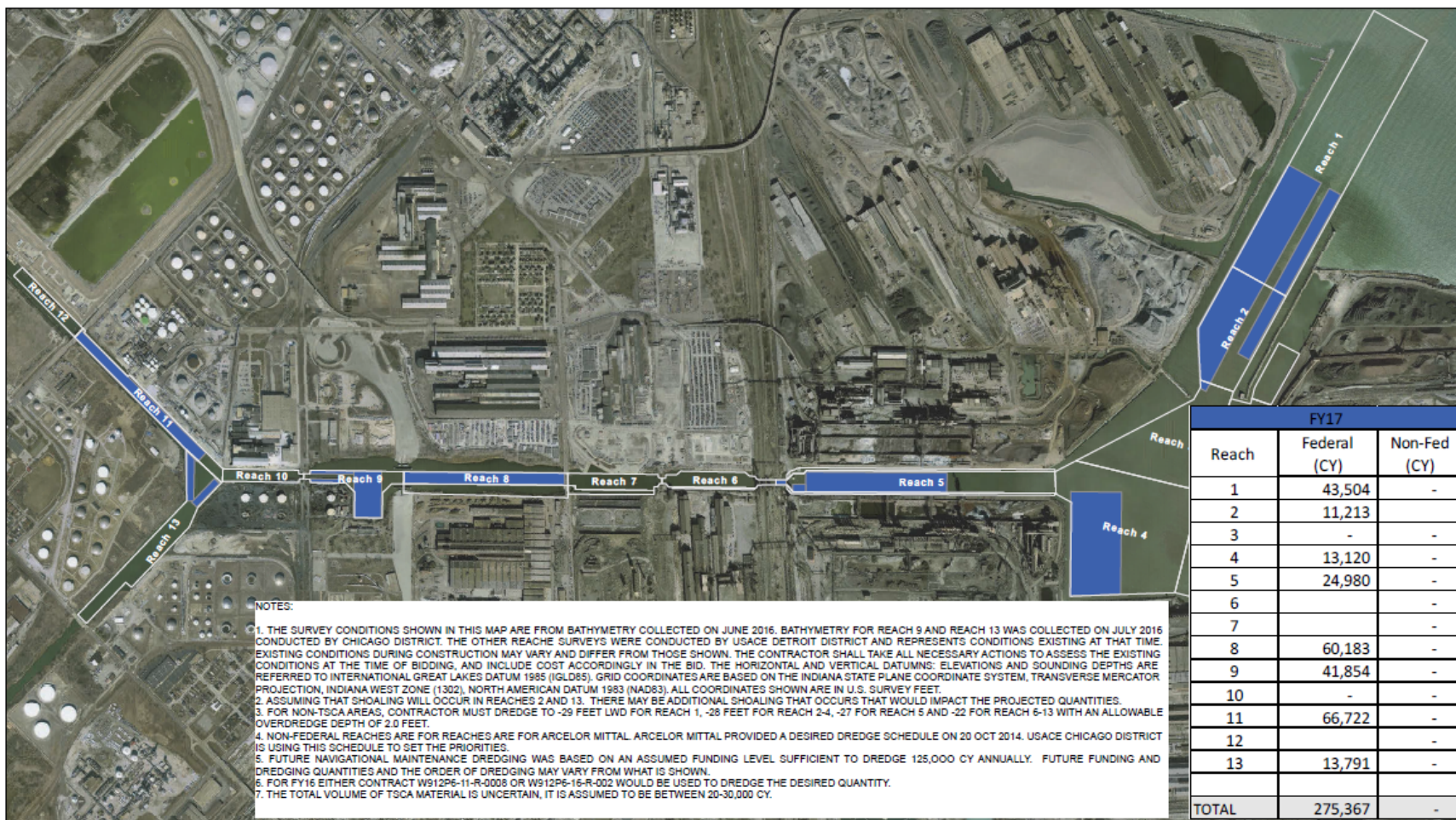
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## 2018 DREDGING

Up to 250,000 cyd from a combination of the following:

- “LTV area”: 100,000 – 125,000 cy
- Possible Lake George dredging (up to 75,000 cy)
- Shallow (to -15 LW) Reach 13: ~100,000 cy\*\*
- Non-federal dredging: 30,000

Anticipated water treatment prior to dredging, with dredging start in Fall

\*\* anticipated to be the completion of backlog dredging since Reaches 6, 7, and 13 cannot be completed due to the lack of a TSCA permit.

## 2019 DREDGING

Possible Lake George dredging.

Any final navigation dredging prior to dike raise.

FY2020 starts the dike raise. No dredging after Fall 2019 (for several years).

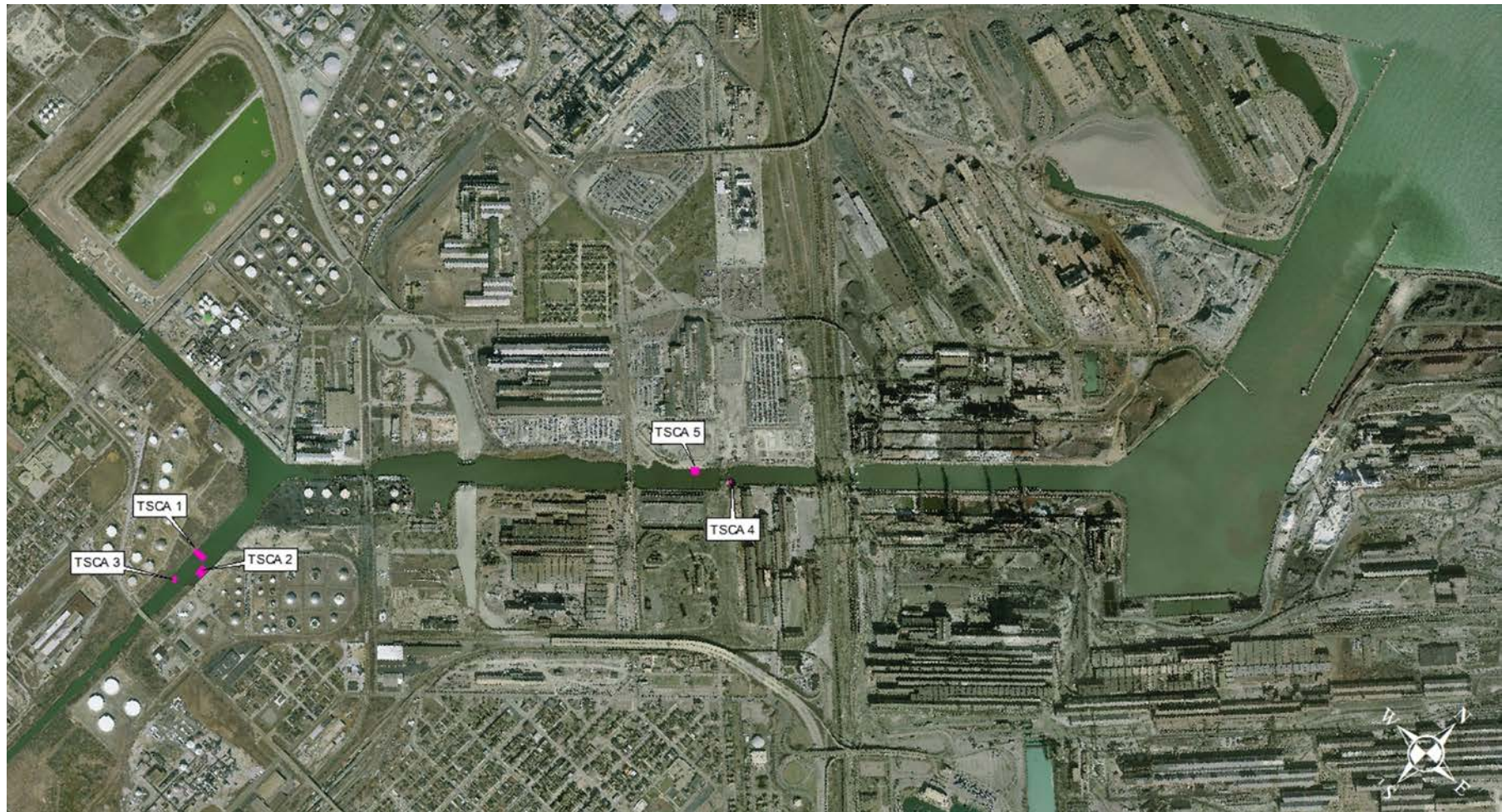


# QUESTIONS?



# IHC TSCA HOT SPOTS

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| <b>HOT SPOT</b> | <b>Volume of sediment, CY</b> | <b>Maximum Concentration</b> |
|-----------------|-------------------------------|------------------------------|
|-----------------|-------------------------------|------------------------------|

|   |      |          |
|---|------|----------|
| 1 | 7970 | 68 mg/Kg |
| 2 | 6510 | 59 mg/Kg |
| 3 | 5070 | 57 mg/Kg |
| 4 | 310  | 66 mg/Kg |
| 5 | 470  | 59 mg/Kg |

