

BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

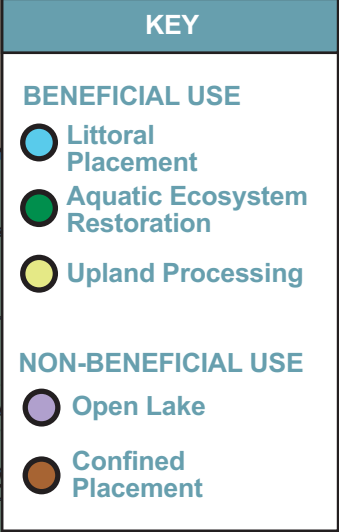
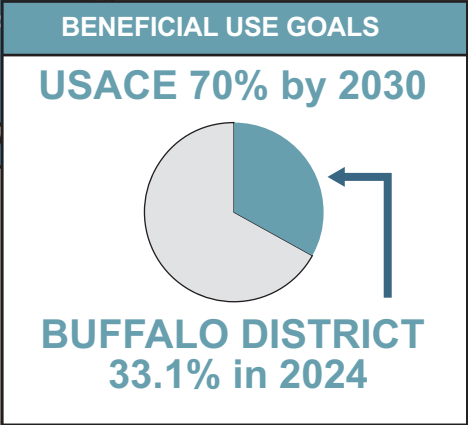
2024

COMMERCIAL and RECREATIONAL HARBORS

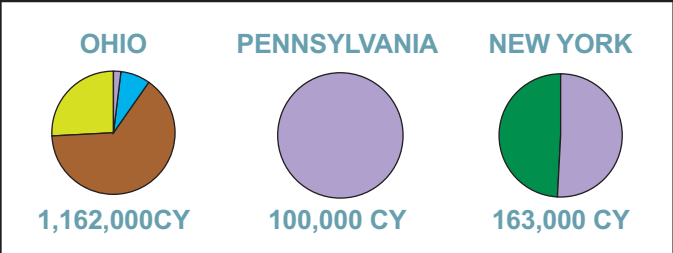


US Army Corps
of Engineers®
Buffalo District

HARBOR	TOTAL DREDGED (CY)	AVG \$/CY
Ashtabula, OH	-	-
Cleveland, OH	250,000	\$34.48
Conneaut, OH	80,000	\$53.84
Fairport, OH	110,000	\$33.64
Lorain, OH	62,000	\$48.01
Sandusky, OH	-	-
Toledo, OH	600,000	\$7.02
Erie, PA	100,000	\$6.82
Buffalo, NY	80,000	\$14.02
Oswego, NY	-	-
Rochester, NY	83,000	\$11.23
Huron, OH	-	-
Port Clinton, OH	10,000	\$20.92
Vermillion, OH	50,000	\$20.15
Barcelona, NY	-	-
Great Sodus, NY	-	-
Oak Orchard, NY	-	-
Total: 1,425,000		



Beneficial use of dredged material requires significant investment and, often, support from non-federal sponsors.



For more information, contact us or visit our website:
www.lrd.usace.army.mil



Disclaimers:

- The Buffalo District includes 14 commercial harbors and 22 recreational harbors (not all are pictured)
- USACE's dredging program is subject to availability of funding
- Dredging at some harbors will require a cost-sharing partner
- Recreational harbors are dredged on an infrequent/as-needed basis

BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

FUTURE PLAN

COMMERCIAL and RECREATIONAL HARBORS



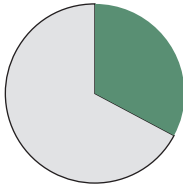
US Army Corps
of Engineers®
Buffalo District

HARBOR	2025 PLANNED DREDGING (CY)	TARGET QUANTITY (CY)	TARGET FREQUENCY
Ashtabula, OH	85,000	110,000	Every 2 Yrs
Cleveland, OH	250,000	250,000	Annual
Conneaut, OH	60,000	80,000	Annual
Fairport, OH	130,000	180,000	Every 2 Yrs
Lorain, OH	50,000	110,000	Annual
Sandusky, OH	10,000	130,000	Annual
Toledo, OH	600,000	760,000	Annual
Erie, PA	-	150,000	Every 3 Yrs
Buffalo, NY	-	100,000	Every 2 Yrs
Oswego, NY	-	72,000	Every 4 Yrs
Rochester, NY	-	200,000	Every 2 Yrs
Huron, OH	-	As needed	Intermittent
Port Clinton, OH	-	As needed	Intermittent
Vermillion, OH	-	As needed	Intermittent
Barcelona, NY	60,000	As needed	Intermittent
Great Sodus, NY	25,000	As needed	Intermittent
Oak Orchard, NY	22,000	As needed	Intermittent

Total: 1,292,000

BENEFICIAL USE GOALS

USACE 70% by 2030



BUFFALO DISTRICT
32.9% in FY25
(down 0.2% from 2024)

KEY

BENEFICIAL USE

- Littoral Placement
- Aquatic Ecosystem Restoration
- Upland Processing

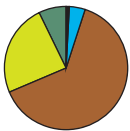
NON-BENEFICIAL USE

- Open Lake
- Confined Placement

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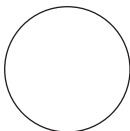


OHIO



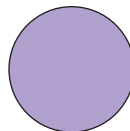
1,185,000 CY
2025

PENNSYLVANIA



0 CY
2025

NEW YORK



107,000 CY
2025

Disclaimers:

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- Dredging at some harbors will require a cost-sharing partner
- Recreational harbors are dredged on an infrequent/as-needed basis

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SCALE OF MILES



BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

2024

COMMERCIAL HARBORS



US Army Corps
of Engineers®
Buffalo District

HARBOR	TOTAL DREDGED (CY)	AVG \$/CY
Ashtabula, OH	-	-
Cleveland, OH	250,000	\$34.48
Conneaut, OH	80,000	\$53.84
Fairport, OH	110,000	\$33.64
Lorain, OH	62,000	\$48.01
Sandusky, OH	-	-
Toledo, OH	600,000	\$7.02
Erie, PA	100,000	\$6.82
Buffalo, NY	80,000	14.02
Oswego, NY	-	-
Rochester, NY	83,000	\$11.23

Total: 1,365,000

Beneficial use of dredged material requires significant investment and, often, support from non-federal sponsors.

KEY

BENEFICIAL USE

Littoral Placement

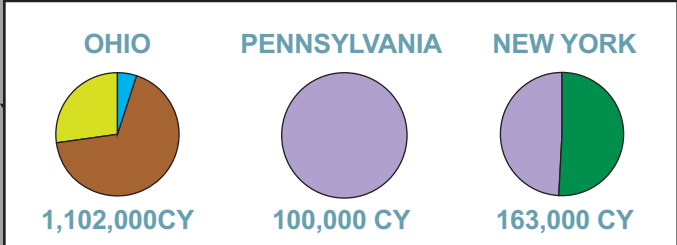
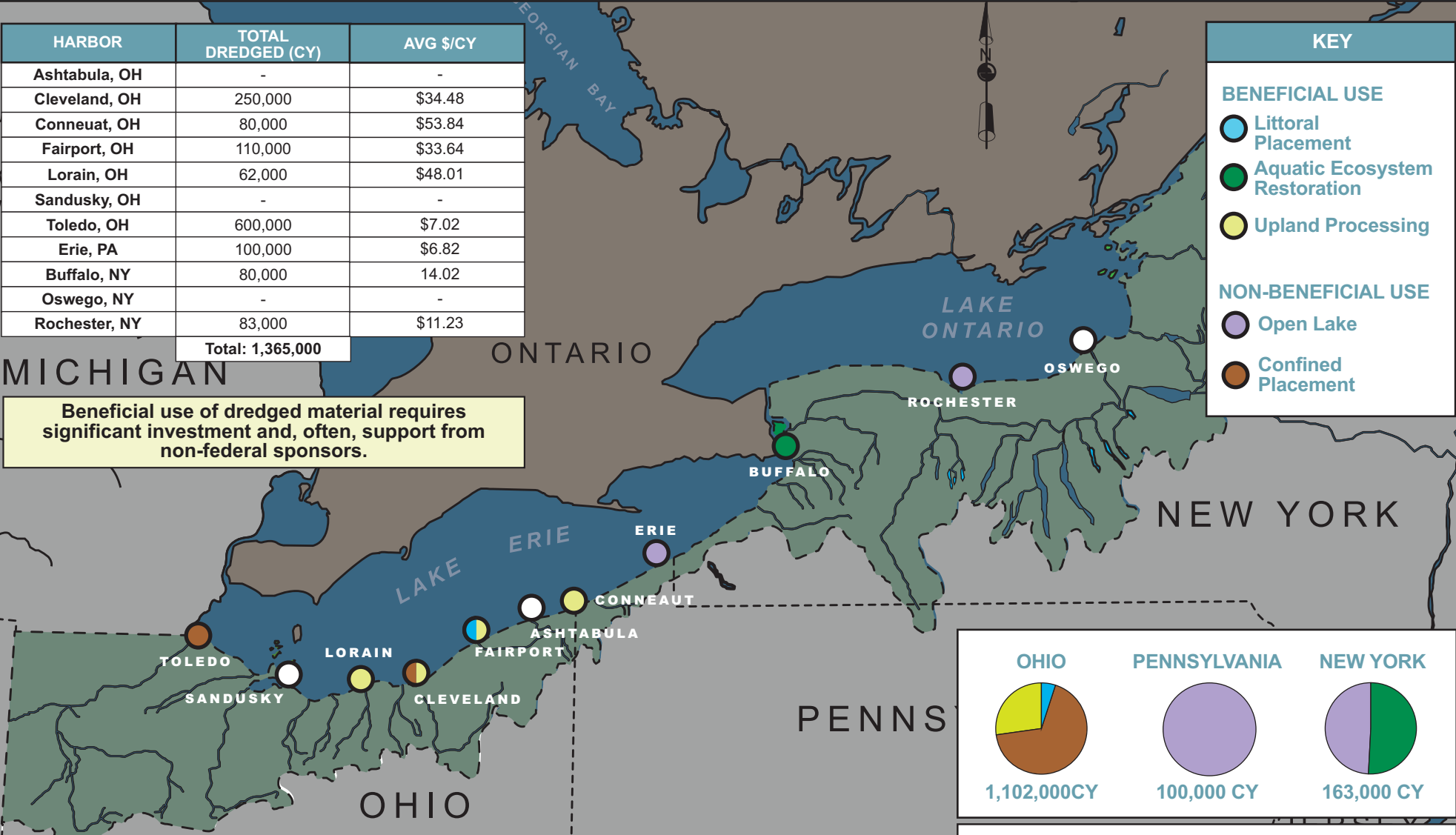
Aquatic Ecosystem Restoration

Upland Processing

NON-BENEFICIAL USE

Open Lake

Confined Placement



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

FUTURE PLAN

COMMERCIAL HARBORS



US Army Corps
of Engineers®
Buffalo District

HARBOR	2025 PLANNED DREDGING (CY)	TARGET QUANTITY (CY)	TARGET FREQUENCY
Ashtabula, OH	85,000	110,000	Every 2 Years
Cleveland, OH	250,000	250,000	Annual
Conneaut, OH	60,000	80,000	Annual
Fairport, OH	130,000	180,000	Every 2 Years
Lorain, OH	50,000	110,000	Annual
Sandusky, OH	10,000	130,000	Annual
Toledo, OH	600,000	760,000	Annual
Erie, PA	-	150,000	Every 3 Years
Buffalo, NY	-	100,000	Every 2 Years
Oswego, NY	-	72,000	Every 4 Years
Rochester, NY	-	200,000	Every 2 Years

Total: 1,185,000

KEY

BENEFICIAL USE

Littoral Placement

Aquatic Ecosystem Restoration

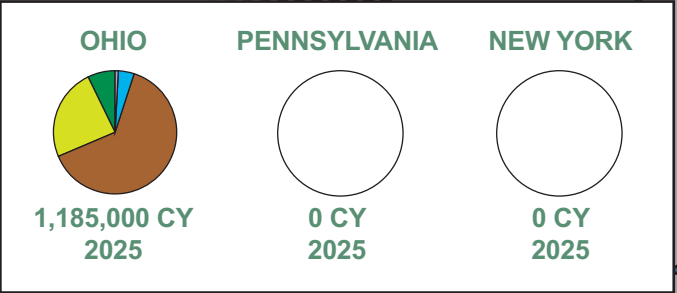
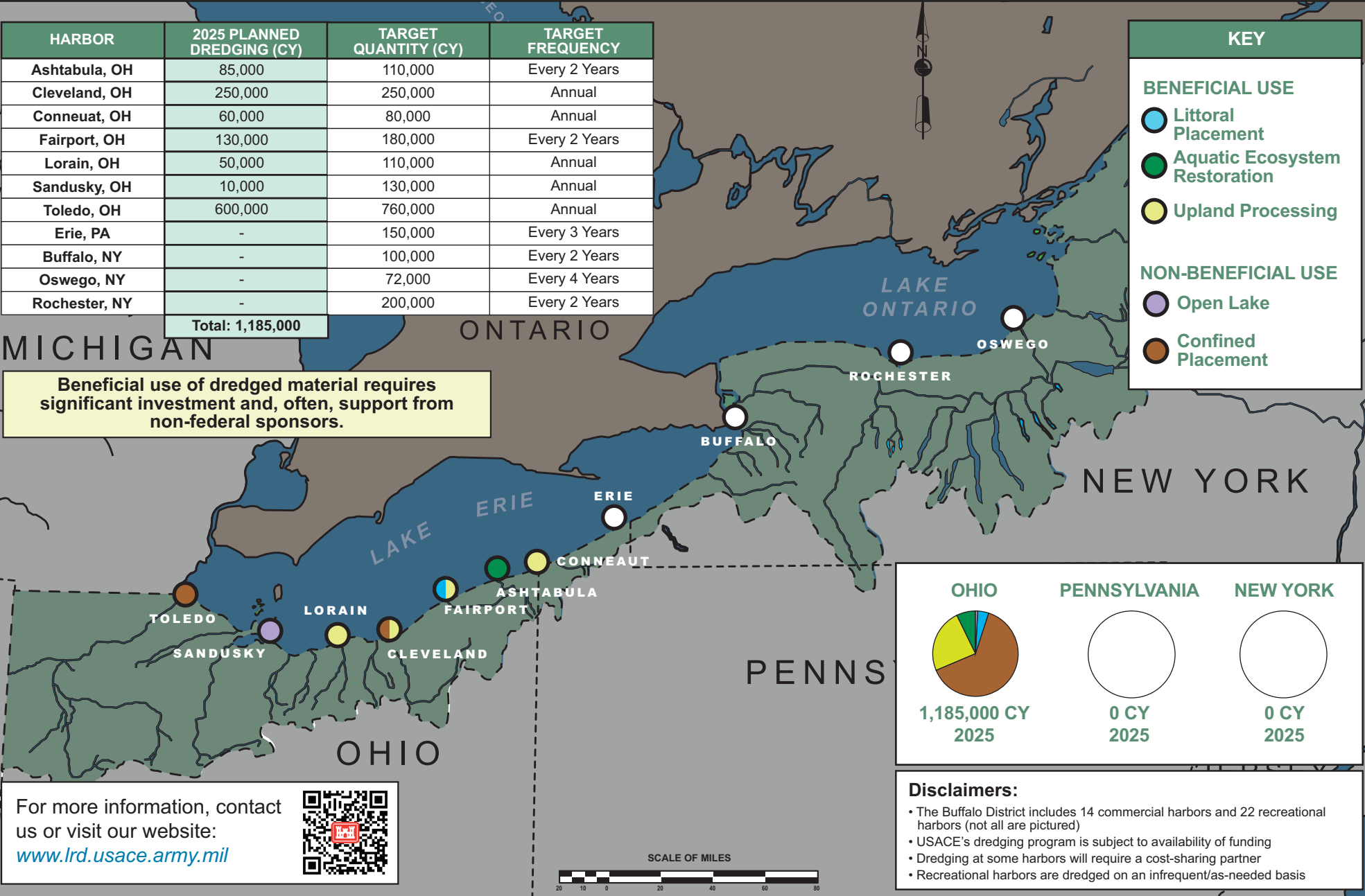
Upland Processing

NON-BENEFICIAL USE

Open Lake

Confined Placement

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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

2024

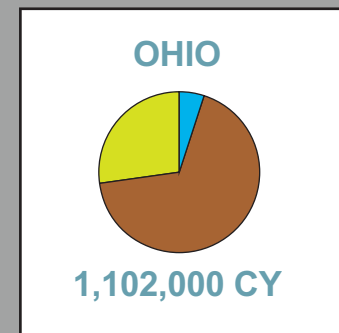
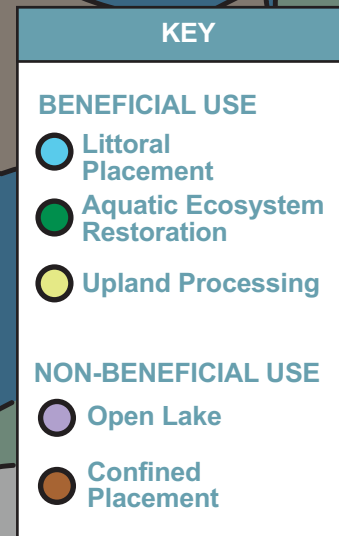
OHIO COMMERCIAL HARBORS



US Army Corps
of Engineers®
Buffalo District

HARBOR	TOTAL DREDGED (CY)	AVG \$/CY
Ashtabula, OH	-	-
Cleveland, OH	250,000	\$34.48
Conneaut, OH	80,000	\$53.84
Fairport, OH	110,000	\$33.64
Lorain, OH	62,000	\$48.01
Sandusky, OH	-	-
Toledo, OH	600,000	\$7.02
Total: 1,102,000		

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OHIO

SCALE OF MILES



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

FUTURE PLAN

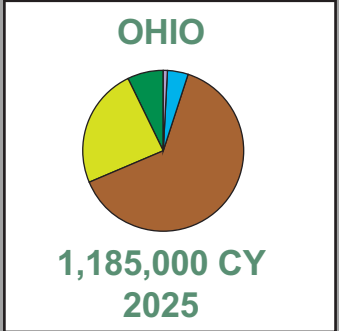
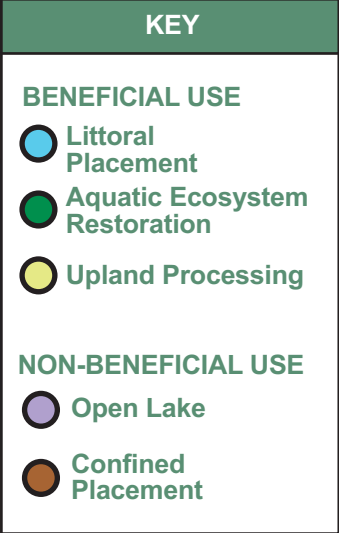
OHIO COMMERCIAL HARBORS



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of Engineers®
Buffalo District

HARBOR	2025 PLANNED DREDGING (CY)	TARGET QUANTITY (CY)	TARGET FREQUENCY
Ashtabula, OH	85,000	110,000	Every 2 Years
Cleveland, OH	250,000	250,000	Annual
Conneaut, OH	60,000	80,000	Annual
Fairport, OH	130,000	180,000	Every 2 Years
Lorain, OH	50,000	110,000	Annual
Sandusky, OH	10,000	130,000	Annual
Toledo, OH	600,000	760,000	Annual
Total: 1,185,000			

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SCALE OF MILES



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM 2024

NEW YORK / PENNSYLVANIA COMMERCIAL HARBORS

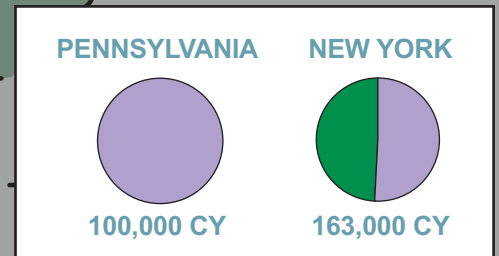
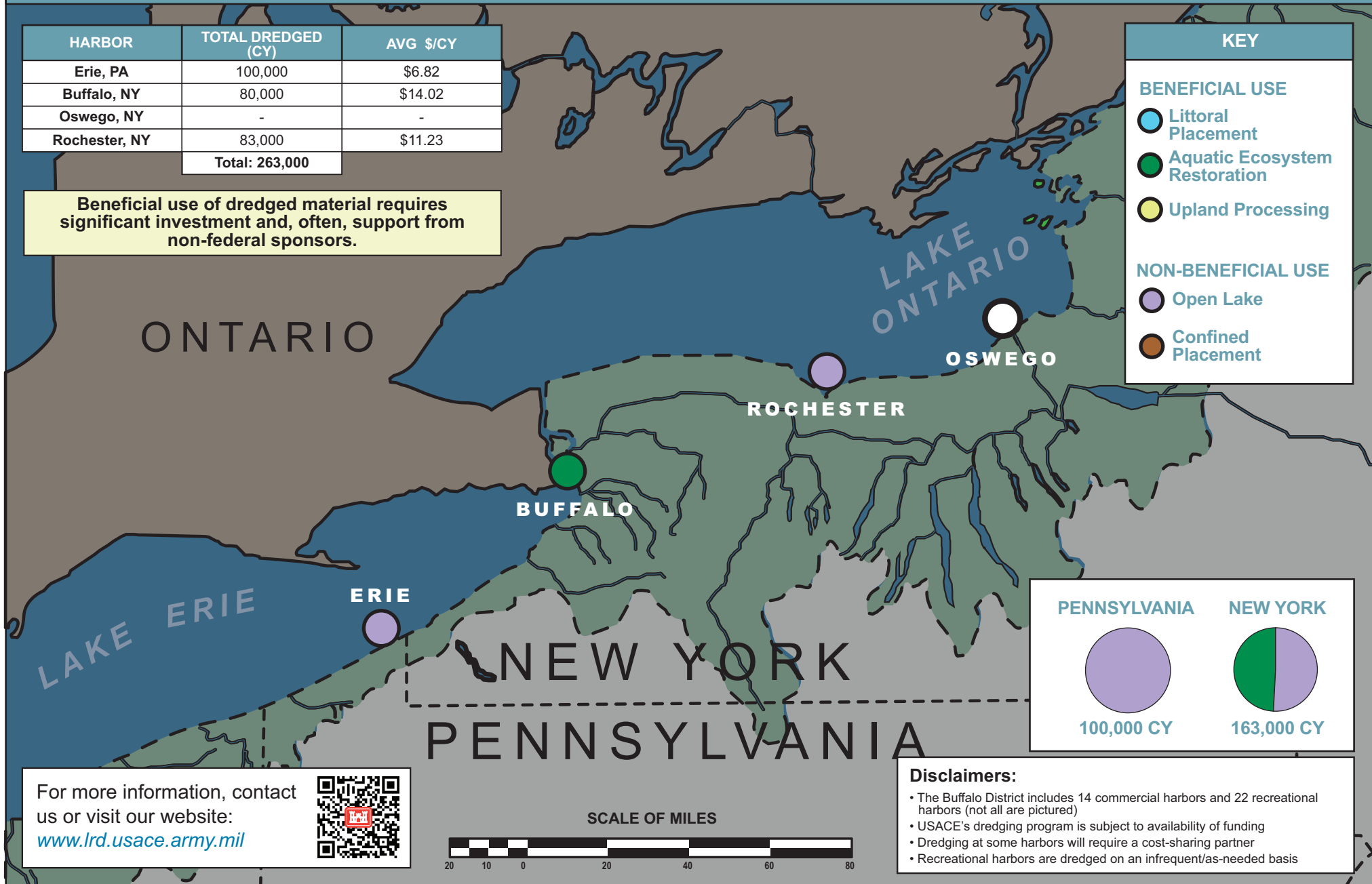


US Army Corps
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Buffalo District

HARBOR	TOTAL DREDGED (CY)	AVG \$/CY
Erie, PA	100,000	\$6.82
Buffalo, NY	80,000	\$14.02
Oswego, NY	-	-
Rochester, NY	83,000	\$11.23
Total: 263,000		

Beneficial use of dredged material requires significant investment and, often, support from non-federal sponsors.

KEY	
BENEFICIAL USE	
	Littoral Placement
	Aquatic Ecosystem Restoration
	Upland Processing
NON-BENEFICIAL USE	
	Open Lake
	Confined Placement



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SCALE OF MILES



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM FUTURE PLAN NEW YORK / PENNSYLVANIA COMMERCIAL HARBORS



US Army Corps
of Engineers®
Buffalo District

HARBOR	2025 PLANNED DREDGING (CY)	TARGET QUANTITY (CY)	TARGET FREQUENCY
Erie, PA	-	150,000	Every 3 Years
Buffalo, NY	-	100,000	Every 2 Years
Oswego, NY	-	72,000	Every 4 Years
Rochester, NY	-	200,000	Every 2 Years
Total: 0			

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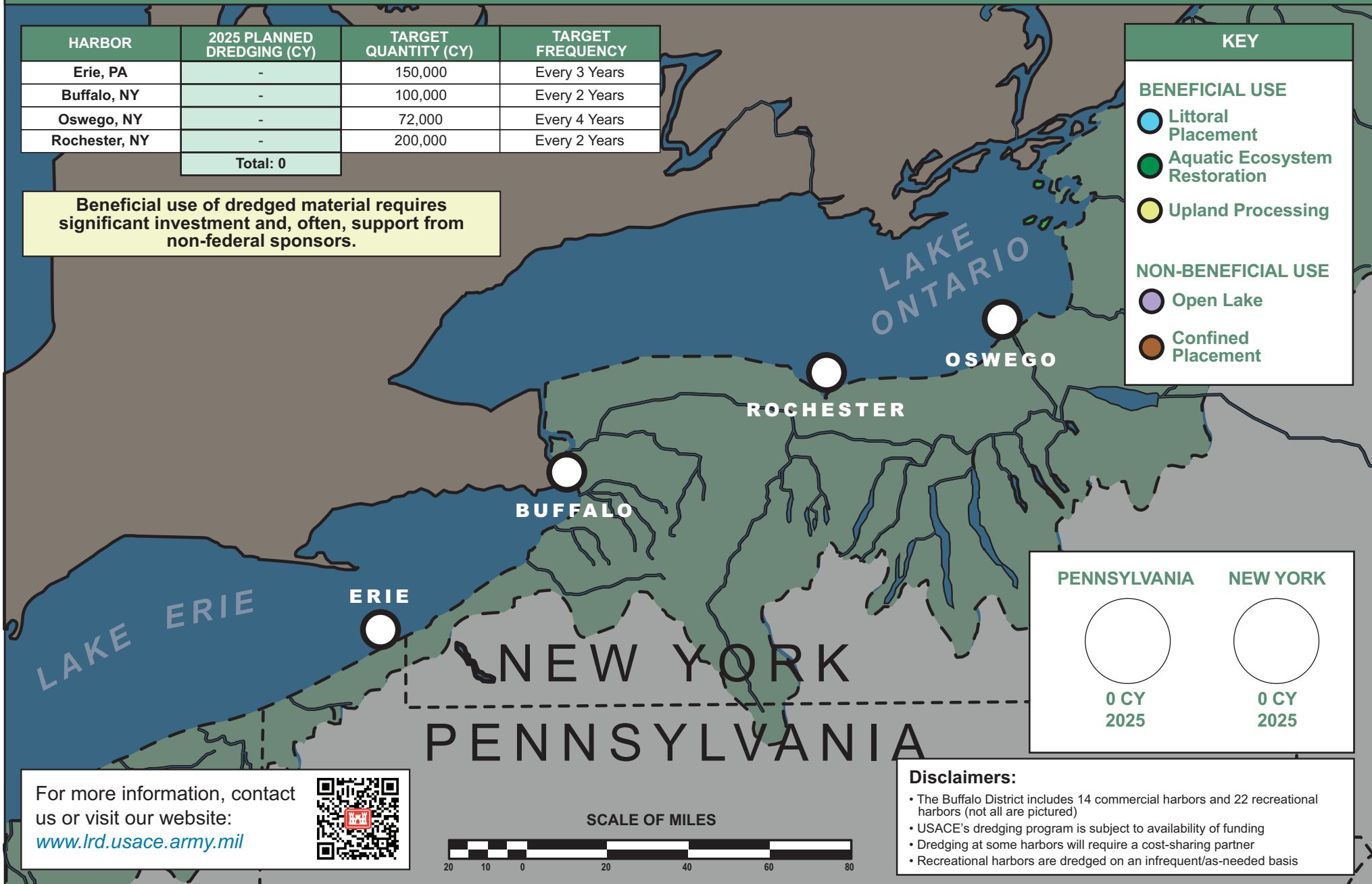
KEY

BENEFICIAL USE

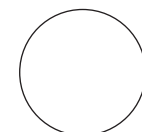
- Littoral Placement
- Aquatic Ecosystem Restoration
- Upland Processing

NON-BENEFICIAL USE

- Open Lake
- Confined Placement

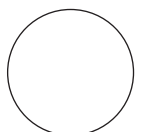


PENNSYLVANIA



0 CY
2025

NEW YORK



0 CY
2025

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SCALE OF MILES



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

2024

RECREATIONAL HARBORS



US Army Corps
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Buffalo District

HARBOR	TOTAL DREDGED (CY)	AVG \$/CY
Huron, OH	-	-
Port Clinton, OH	10,000	\$20.92
Vermillion, OH	50,000	\$20.15
Barcelona, NY	-	-
Great Sodus, NY	-	-
Oak Orchard, NY	-	-
Total: 60,000		

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KEY

BENEFICIAL USE

Littoral Placement

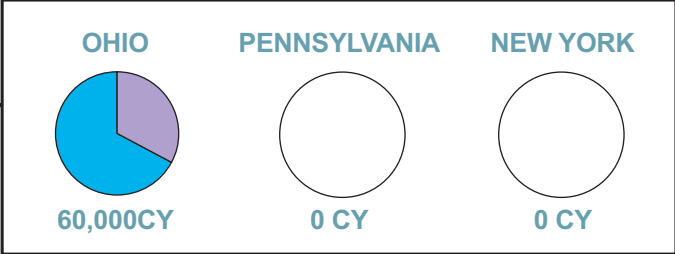
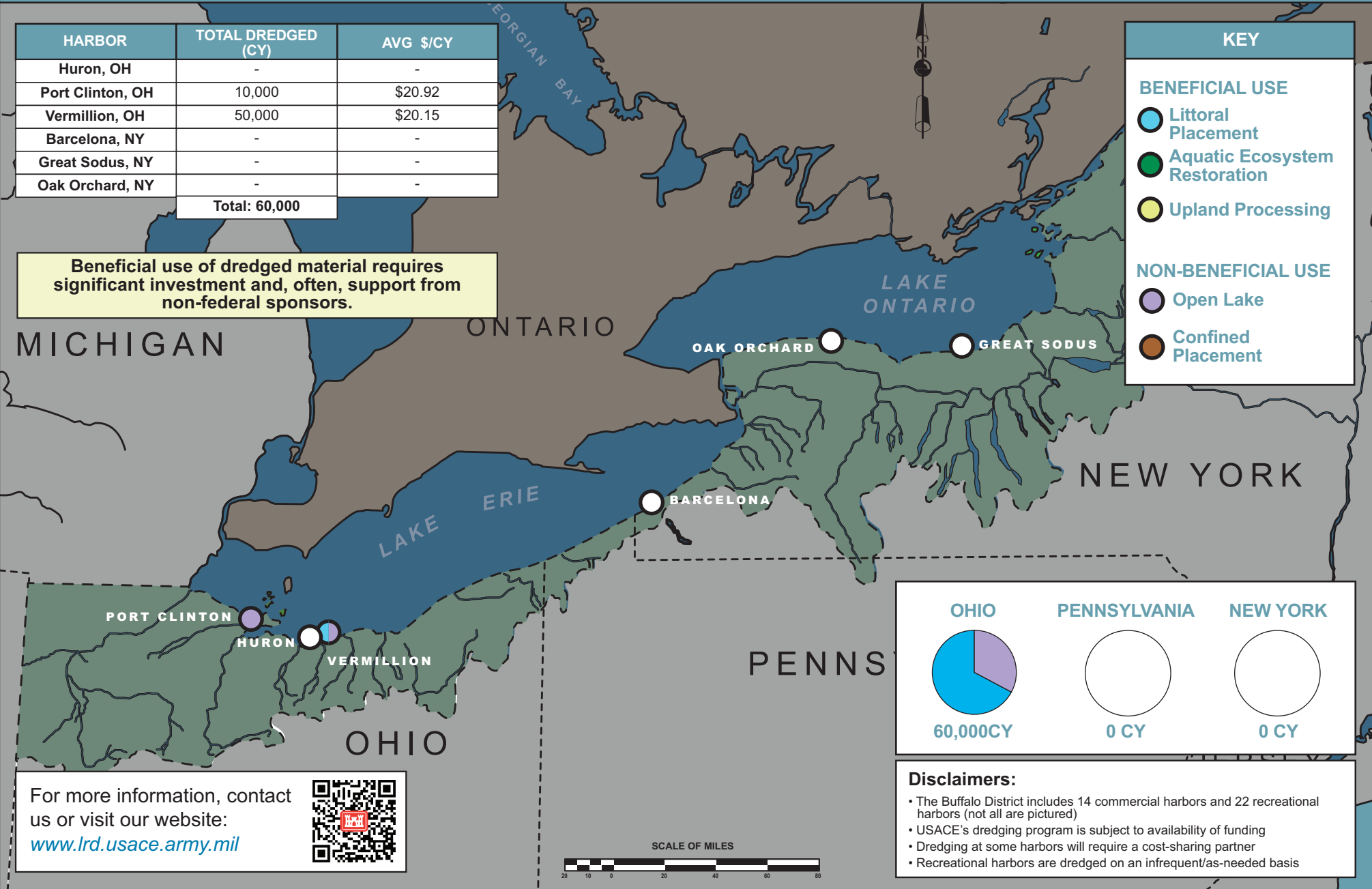
Aquatic Ecosystem Restoration

Upland Processing

NON-BENEFICIAL USE

Open Lake

Confined Placement



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BUFFALO DISTRICT DREDGED MATERIAL MANAGEMENT PROGRAM

FUTURE PLAN

RECREATIONAL HARBORS



US Army Corps
of Engineers®
Buffalo District

HARBOR	2025 PLANNED DREDGING (CY)	TARGET QUANTITY (CY)	TARGET FREQUENCY
Huron, OH	-	As needed	Intermittent
Port Clinton, OH	-	As needed	Intermittent
Vermillion, OH	-	As needed	Intermittent
Barcelona, NY	60,000	As needed	Intermittent
Great Sodus, NY	25,000	As needed	Intermittent
Oak Orchard, NY	22,000	As needed	Intermittent
Total: 107,000			

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KEY

BENEFICIAL USE

Littoral Placement

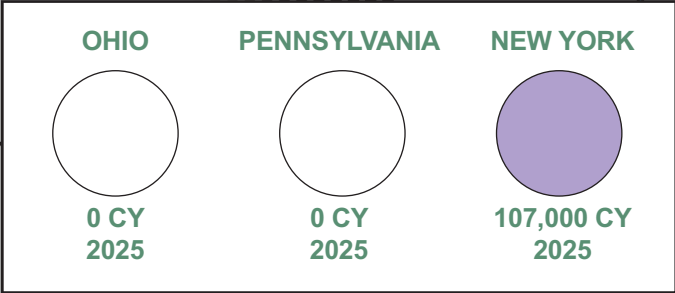
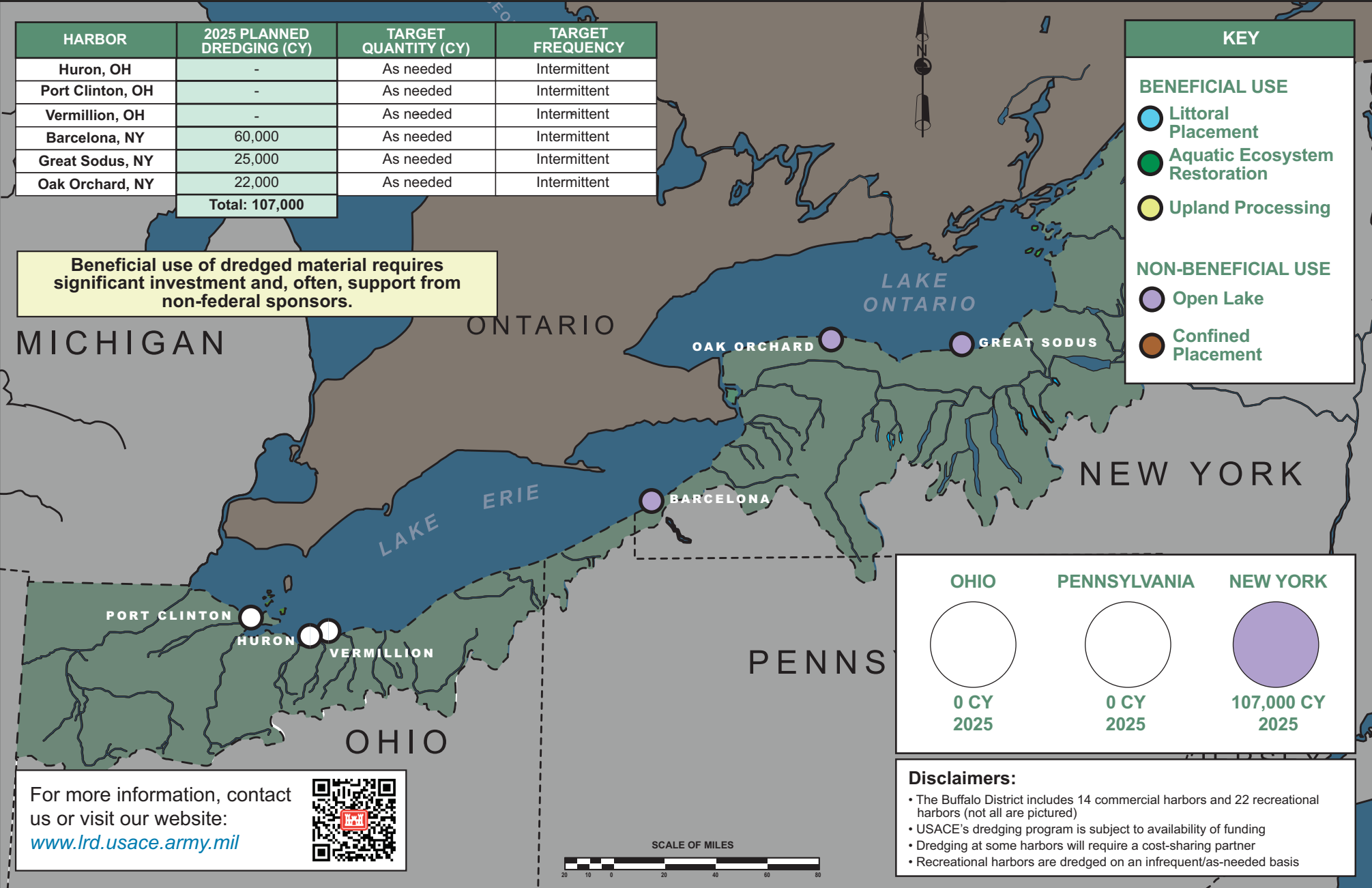
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Open Lake

Confined Placement



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