Maps of Lee County Noticed General Permit
Trafficshed Channels and Secondary Channels

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This document is a collection of maps, prepared by Florida Sea Grant, that depict channels included in the Lee County Noticed General Permit (NGP)\(^1\). Each map shows either (a) channel segments within an NGP trafficshed (boat source area, the vessels berthed in which exit via a common channel to a secondary channel or directly to deep, open water) or (b) segments in an NGP secondary channel system (contains channels that route vessels from one or more trafficsheds to deep, open water).

Channel segments are symbolized by line thickness to highlight those for which dredging is anticipated under the NGP. The symbology is determined by subtracting the measured MLLW\(^2\) depth of each channel segment from the NGP depth (determined for the entire trafficshed or secondary channel system). If the difference is greater than zero, the status “NGP Dredging Anticipated” is assigned. Otherwise, the status is “NGP Dredging not Anticipated.” Each map includes a summary table of total NGP channel length, total length of channel segments for which NGP dredging is anticipated, and NGP dredge depth.

The channel segments are waterway centerlines constructed from depths measured in the Lee County Regional Waterway Management System project, Phase 1 (2000)\(^3\), Phase 2 (2001)\(^4\), and Phase 3 (2002)\(^5\).

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\(^1\) Rule 62-341.494, F.A.C., “Noticed General Permit for Maintenance of Public Navigation Channel and Canal Infrastructure by the West Coast Inland Navigation District within Lee County”

\(^2\) Mean Lower Low Water


### Trafficshed and secondary channel (SC) maps

1. Back Channel-South Estero Bay (SC)  
2. Big Carlos Pass & Vicinity (SC)  
3. Bokeelia East  
4. Bokeelia West  
5. Caloosa Isle Marina  
6. Cape Coral Southwest  
7. Central Estero Bay (SC)  
8. Chantry Canal  
9. Compass Rose  
10. Deep Lagoon  
11. Demere Key  
12. East Fort Myers  
13. Estero Island-Bayside (SC)  
14. Everest Canal  
15. Fish Tale Marina  
16. Fish Trap Bay 2  
17. Fort Myers Yacht Basin  
18. Franklin Locks East  
19. Getaway  
20. Hancock Creek  
21. Hogue (SC)  
22. Hurricane Bay East (SC)  
23. Hurricane Bay West (SC)  
24. Imperial River-Lower  
25. Imperial River-Upper  
26. Imperial Shores  
27. Marsh Point  
28. Matanzas Harbor (SC)  
29. Matlacha-Northwest  
30. Matlacha-Southwest  
31. Matlacha Isles/Cape Coral-Northwest  
32. Mullock Creek  
33. Normandy Canal  
34. North Matlacha (SC)  
35. Orange River  
36. Pelican Landing  
37. Plato Canal  
38. Punta Rassa/Connie Mack Island  
39. Redfish Point  
40. Rookery Trace (SC)  
41. Roosevelt Channel-Bayside  
42. Roosevelt Channel-North  
43. Saint James City-East  
44. Saint James City-South  
45. Siesta Isles  
46. South Estero Bay (SC)  
47. South Matlacha (SC)  
48. Sunset Bay
Trafficshed and Secondary Channel System Overview

Lee County

All Lee NGP Channels
Lee NGP Trafficsheds
Figure 1. Back Channel-South Estero Bay

Total NGP channel length 18,252 ft
Anticipated dredge length 178 ft
NGP dredge depth 3 ft
Figure 2. Big Carlos Pass & Vicinity

Big Carlos Pass & Vicinity
Secondary Channel

Total NGP channel length 9,354 ft
Anticipated dredge length 0
NGP dredge depth 4.5 ft
Total NGP channel length 8,499 ft
Anticipated dredge length 535 ft
NGP dredge depth 4.5 ft
Figure 4. Bokeelia West

Trafficshed Location

Total NGP channel length 13,807 ft
Anticipated dredge length 1,982 ft
NGP dredge depth 3.5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Bokeelia West
Figure 5. Caloosa Isle Marina
NGP Dredging not Anticipated
NGP Dredging Anticipated

Total NGP channel length 10,603 ft
Anticipated dredge length 1,521 ft
NGP dredge depth 6 ft
Figure 7. Central Estero Bay

Total NGP channel length 18,437 ft
Anticipated dredge length 385 ft
NGP dredge depth 2.5 ft

- NGP Dredging not Anticipated
- NGP Dredging Anticipated

Central Estero Bay Secondary Channel
Total NGP channel length 11,315 ft
Anticipated redge length 458 ft
NGP dredge depth 4.5 ft

Figure 8. Chantry Canal
Total NGP channel length 1,172 ft
Anticipated dredge length 0
NGP dredge depth 4.5 ft
Figure 10. Deep Lagoon

Total NGP channel length 9,242 ft
Anticipated dredge length 491 ft
NGP dredge depth 6 ft
Total NGP channel length 19,721 ft
Anticipated dredge length 1,052 ft
NGP dredge depth 3.5 ft

Figure 11. Demere Key
Total NGP channel length 2,588 ft
Anticipated dredge length 1,622 ft
NGP dredge depth 7 ft
Total NGP channel length 11,955 ft
Anticipated dredge length 853 ft
NGP dredge depth 4.5 ft
Everest Canal

Total NGP channel length 4,928 ft
Anticipated dredge length 2,494 ft
NGP dredge depth 5 ft

Figure 14. Everest Canal
Figure 15. Fish Tale Marina

- Total NGP channel length: 1,849 ft
- Anticipated dredge length: 0 ft
- NGP dredge depth: 4 ft

Trafficshed Location
Big Carlos Pass

Fish Tale Marina
Total NGP channel length 3,213 ft
Anticipated dredge length 520 ft
NGP dredge depth 2.5 ft

Figure 16. Fish Trap Bay 2
Total NGP channel length 7,941 ft
Anticipated dredge length 4,987 ft
NGP dredge depth 7 ft
Figure 18. Franklin Locks East

Total NGP channel length 2,478 ft
Anticipated dredge length 1,405 ft
NGP dredge depth 5 ft

Trafficshed Location

Franklin Locks East

Hendry County

Hendry County
Total NGP channel length 2,604 ft
Anticipated dredge length 1,066 ft
NGP dredge depth 5 ft
Figure 20. Hancock Creek

Total NGP channel length 26,613 ft
Anticipated dredge length 2,778 ft
NGP dredge depth 5 ft

- Hancock Creek
- Trafficshed
- North Ft Myers
- Ft Myers

NGP Dredging not Anticipated
NGP Dredging Anticipated

Trafficshed Location
Total NGP channel length 3,115 ft
Anticipated dredge length 345 ft
NGP dredge depth 4 ft

Figure 21. Hogue
Figure 22. Hurricane Bay East

Hurricane Bay East
Secondary Channel

NGP Dredging not Anticipated
NGP Dredging Anticipated

San Carlos Island

Total NGP channel length 8,602 ft
Anticipated dredge length 917 ft
NGP dredge depth 4.5 ft
Total NGP channel length 8,750 ft
Anticipated dredge length 1,369 ft
NGP dredge depth 5 ft

Figure 23. Hurricane Bay West

Hurricane Bay West Secondary Channel

NGP Dredging not Anticipated
NGP Dredging Anticipated
Figure 25. Imperial River-Upper

Total NGP channel length 9,913 ft
Anticipated dredge length 713 ft
NGP dredge depth 2.5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Trafficshed Location
Bonita Springs
Estero Bay
Figure 26. Imperial Shores

Total NGP channel length 4,106 ft
Anticipated dredge length 1,685 ft
NGP dredge depth 2.5 ft
Total NGP channel length 5,729 ft
Anticipated dredge length 1,201 ft
NGP dredge depth 3 ft

Figure 27. Marsh Point
Total NGP channel length 5,103 ft
Anticipated dredge length 66 ft
NGP dredge depth 5.5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Matanzas Harbor
Secondary Channel
Figure 29. Matlacha-Northwest

- Total NGP channel length 1,457 ft
- Dredge length 654 ft
- NGP dredge depth 4.5 ft

- NGP Dredging not Anticipated
- NGP Dredging Anticipated
Figure 30. Matlacha-Southwest 2

Total NGP channel length 2,719 ft
Anticipated dredge length 180 ft
NGP dredge depth 3.5 ft
Total NGP channel length 14,057 ft
Anticipated dredge length 1,729 ft
NGP dredge depth 4 ft
Figure 32. Mullock Creek

Total NGP channel length 11,374 ft
Anticipated dredge length 2,099 ft
NGP dredge depth 2.5 ft
Total NGP channel length 11,878 ft
Anticipated dredge length 4,068 ft
NGP dredge depth 5 ft

Figure 33. Normandy Canal
Total NGP channel length 62,864 ft
Anticipated dredge length 84 ft
NGP dredge depth 4.5 ft

North Matlacha Secondary Channel

Figure 34. North Matlacha
Total NGP channel length 3,595 ft
Anticipated dredge length 100 ft
NGP dredge depth 6.5 ft
Pelican Landing

Total NGP channel length 3,992 ft
Anticipated dredge length 1,169 ft
NGP dredge depth 2.5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Figure 36. Pelican Landing
Total NGP channel length 18,520 ft
Anticipated dredge length 5,487 ft
NGP dredge depth 5.5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Trafficshed Location

Figure 37. Plato Canal
Figure 38. Punta Rassa/Connie Mack Island

Total NGP channel length 14,869 ft
Anticipated dredge length 4,084 ft
NGP dredge depth 5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated
Figure 39. Redfish Point

Total NGP channel length 13,023 ft
Anticipated dredge length 4,436 ft
NGP dredge depth 6 ft

Trafficshed Location
Cape Coral
Ft. Myers
Total NGP channel length 8,496 ft
Anticipated dredge length 1,028 ft
NGP dredge depth 3.5 ft

Figure 40. Rookery Trace

Rookery Trace
Secondary Channel

Channel Location

Big Carlos Pass

NGP Dredging not Anticipated
NGP Dredging Anticipated
Total NGP channel length 1,509 ft
Anticipated dredge length 0
NGP dredge depth 3 ft
Figure 42. Roosevelt Channel-North

Total NGP channel length 17,918 ft
Anticipated dredge length 694
NPG dredge depth 5 ft
Total NGP channel length 16,137 ft
Anticipated dredge length 3,266 ft
NGP dredge depth 5 ft.

Saint James City-East

NGP Dredging not Anticipated
NGP Dredging Anticipated

Figure 43. Saint James City-East
Total NGP channel length 18,385 ft
Anticipated dredge length 6,531 ft
NGP dredge depth 5 ft

NGP Dredging not Anticipated
NGP Dredging Anticipated

Saint James City-South
Figure 45. Siesta Isles

Total NGP channel length 1,088 ft
Anticipated dredge length 713 ft
NGP dredge depth 5 ft
Total NGP channel length 27,694 ft
Anticipated dredge length 327 ft
NGP dredge depth 4 ft
Figure 47. South Matlacha

South Matlacha Secondary Channels

Total NGP channel length 71,465 ft
Anticipated dredge length 889 ft
NGP dredge depth 3.5 ft
Total NGP channel length 2,440 ft
Anticipated dredge length 376 ft
NGP dredge depth 2.5 ft