

P U B L I C N O T I C E

**CHARLESTON DISTRICT, CORPS OF ENGINEERS
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**

REGULATORY DIVISION

Refer to: P/N SAC-2004-02988

November 19, 2021

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344) an application has been submitted to the Department of the Army by

**City of North Myrtle Beach
c/o Dr. H. Wayne Beam
Beam & Associates
P.O. Box 3238
North Myrtle Beach, SC 29582**

for a permit to perform maintenance dredging within

House Creek/Minor Channel and Cherry Grove Canals

at a location extending from 39th Avenue North through 62nd Avenue North within portions of House Creek and the Cherry Grove Canals in the Cherry Grove Section of North Myrtle Beach, Horry County, South Carolina (Latitude: 33.8401 °, Longitude: -78.6144 °), Little River Quad.

In order to give all interested parties an opportunity to express their views

N O T I C E

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of conducting maintenance dredging in portions of House Creek/Minor Channel extending from 39th Avenue North to 46th Avenue North, and Cherry Groves Canal extending from 42nd Avenue North through 62nd Avenue North. In detail, the project involves dredging approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing Cherry Grove man-made canals and portions of House Creek/Minor Channel. Dredged material will be removed by hydraulic dredge

and pumped to the Horry County-owned spoil basin (CDF320; Tidewater Disposal Basin) located north of Little River Neck Road near Tidewater Plantation on the Atlantic Intracoastal Waterway (AIWW). House Creek/Minor Channel will be dredged to a 34 feet wide dredge path and to a minimum depth of -3.0 feet (ft) Mean Low Water (MLW) with a -1-ft allowable overdepth. Access Canals (Cherry Grove Canals) will be generally dredged to a 24 ft wide dredge path (with a few variations to provide improved access and better flushing) to minimum depth of -3 ft MLW for approximately two-thirds of their length and -2.5 ft MLW with an allowable overdepth of -1 MLW for the remaining one-third length in order to avoid creating a pocket for stagnant and allow proper flushing. Dredged slide slopes will be 4(h):1(v) except in close proximity to marsh vegetation where the dredge cut will be vertical. An additional 1-ft depth for advanced maintenance dredging is also proposed throughout the project limits; resulting in max project depths of -3.0-ft MLW + 1-ft + 1-ft = -5.0ft MLW and -2.5-ft MLW + 1-ft + 1-ft MLW = -4.5ft MLW, for locations noted above. The applicant offered no compensatory mitigation for impacts associated with the proposed project. The project purpose, as stated by the applicant, is to provide sufficient water depths in the canals to provide local property owners and the general public recreational boating access to navigable coastal waters.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

Prior to the issuance of this notice, the District Engineer coordinated the project with the South Carolina Department of Health and Environmental Control and has concluded that the discharges associated with this project do not require review by their office in accordance with provisions of Section 401 of the Clean Water Act or Coastal Zone Management Program (15 CFR 930). The following information was provided by the South Carolina Department of Health and Environmental Control regarding the activities described in this notice: In accordance with the South Carolina Coastal Tidelands and Wetlands Act (Section 48-39-10 et. seq) "Dredging in existing navigational canal community developments by individuals, counties, or municipalities of manmade, predominately armored, recreational use canals and essential access canals conveyed to the State or dedicated to the public for that purpose between 1965 and the effective date of this act if the maintenance dredging is authorized by a permit from the United States Army Corps of Engineers pursuant to the Federal Clean Water Act, as amended, or the Rivers and Harbors Act of 1899. All other department administered certifications for such dredging are deemed waived."

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 24 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject

to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information, that West Indian Manatee (*Trichechus manatus*), Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), and Shortnose Sturgeon (*Acipenser brevirostrum*) have the potential to occur within the vicinity of the project area. However, it has been determined that the project will have no effect on Shortnose Sturgeon (*Acipenser brevirostrum*) and Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) and will not result in the destruction or adverse modification of their designated or proposed critical habitat. Additionally, the District Engineer has determined that the project is not likely to adversely affect the West Indian Manatee (*Trichechus manatus*) or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(l)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine

Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**

If there are any questions concerning this public notice, please contact Rob Huff, Team Lead, at (843) 365-4316, or by email at Robert.C.Huff@usace.army.mil.

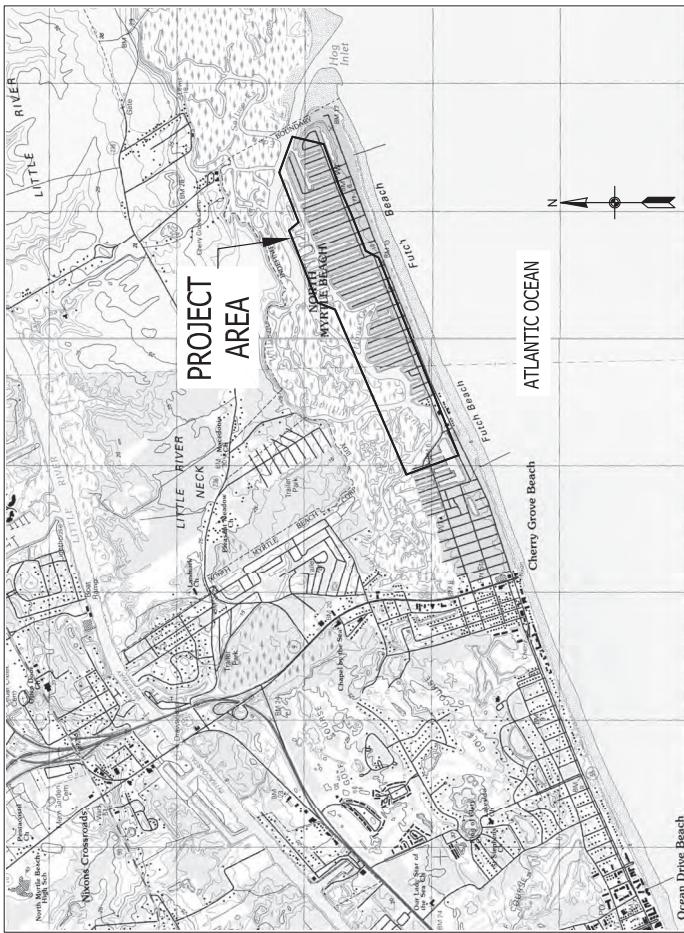
CHERRY GROVE BEACH CANAL DREDGING PERMIT 2021

FOR

CITY OF NORTH MYRTLE BEACH

LOCATED IN: Horry County, SC

ISSUE DATE: October 29, 2021



PERMIT DRAWING INDEX

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SAC-2004-02988

Cherry Grove Canal 2021 Maintenance Dredge
Horry County, SC

Sheet 1 of 13
Date: October 19, 2021

AGENT:	H. Wayne Baum, PhD. Baum & Associates P.O. Box 3238 North Myrtle Beach, SC 29582 Contact: Mike Mahaney; Dry Manager mahaney@att.net (email) (843) 286-5555 (phone)	SHEET: P-1 of 13
APPLICANT:	 NORTH MYRTLE BEACH 1018 Second Avenue South North Myrtle Beach, SC 29582 Contact: Mike Mahaney; Dry Manager mahaney@imb.us (email) (843) 286-5555 (phone)	DATE: October 19, 2021 REV. DATE: (if applicable) REV. DATE: 02/28/2022 SCALE: ASSUMED FILE: CHERRY GROVE 2021 P-Base

FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION

SURVEY NOTES:

1. INTERROGATIVE SURVEY DATA, COLLECTED BY GSI ENGINEERS, LLC, LOCATED IN COLUMBIA, SC.
PHONE: (843) 789-7378. WORKSOPHIC SURVEY, FIELD DATA COLLECTED ON THE FOLLOWING DATES: 10-29-2018, 10-30-2018, & 11-02-2018, & 11-03-2019.

2. SURVEYS WERE TAKEN BY GSI-GONIODRAG, GSI, INC., CONTAINING HIGH FREQUENCY SOUNDINGS AND ARE EXPRESSED IN FEET AND FEET BELOW MLW.

3. INCREASED SURFACE SOUNDS, AND REACHED .3 ft. & 2.5 ft. MLW WITH 1-ft. ALLOWANCE, DEPETH TO 10 ft. & 3.5 ft. MLW, WITH AN ADDITIONAL .1 ft. & ADVANCED ANTIDIKE DREDGING TO -.5 ft. & 4.5 ft. MLW.

4. MEAN TIDE RANGE = 4 ft.

5. THE AREAS SHOWN ON THIS SURVEY ARE SUBJECT TO SETTING. THE ACTUAL DEPTH FOLLOWING THE DATE OF THE SURVEY MAY BE LESS THAN THE DEPTHS SHOWN.

6. HORIZONTAL COORDINATES SYSTEM: REFERENCE TO SOUTH CAROLINA STATE GRID (NAD 83).

7. ALL INFORMATION SHOWN OUTSIDE OF SURVEY AREA IS FOR INFORMATIONAL PURPOSES ONLY AND WAS PROVIDED TO GSI BY BEAM AND ASSOCIATES.

8. SOME DEPTHS HAVE BEEN ADJUSTED FOR DRAFT PURPOSES BASED UPON THE SCALE OF THE DRAWINGS, VOLUME CALCULATIONS UTILIZE ALL AVAILABLE DATA, POINTS FROM SURVEY INFORMATION.

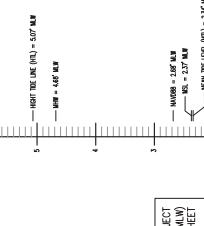
9. VERTICAL DATUM: LOW WATER MARK WAS ESTABLISHED BY A TRIMBLE RTK SURVEY GRADE GPS SYSTEM ON THE SOUTH CAROLINA HIGHWAY NETWORK AND WAS CONVERTED USING NOAA ELEVATION PROGRAM.

10. GEOGRAPHIC COORDINATES ARE BASED NAD 83 AND WERE ESTABLISHED BY TRIMBLE RTK SURVEY GRADE GPS ON THE SOUTH CAROLINA HIGHWAY NETWORK.

11. DUE TO MOVEMENT OF DOCKS BY TIDAL INFLUENCE, SOME DEPTHS MAY APPEAR ON DOCKS.

12. ALL INFORMATION SHOWN OUTSIDE OF THE SURVEY AREA IS FOR INFORMATIONAL PURPOSES ONLY.

13. NOTES REGARDING THE COLLECTION OF THE FIELD DATA CAN BE FOUND IN: FIELD BOOK H-12.

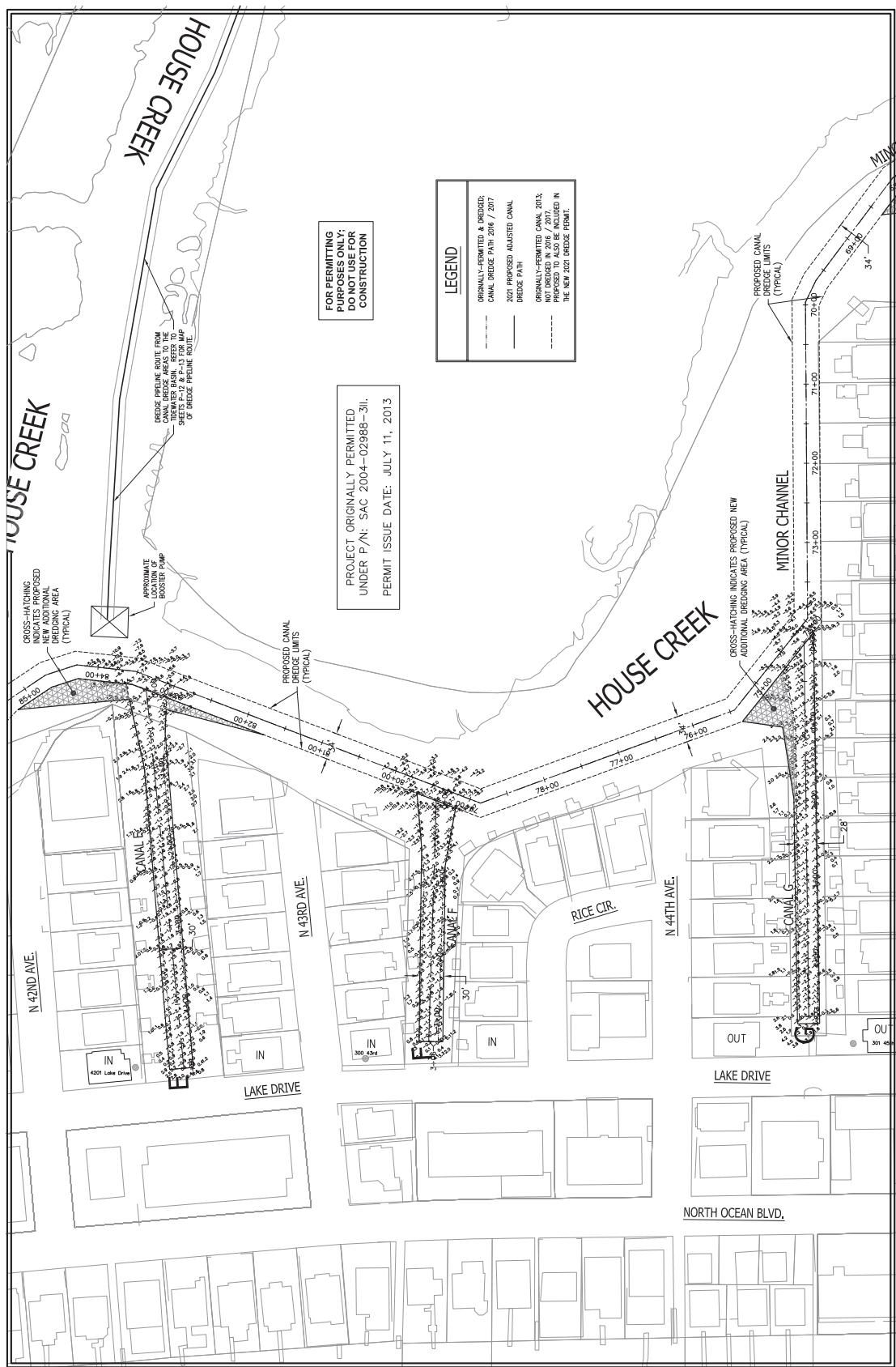


PROJECT ORIGINALLY PERMITTED
UNDER P/N: SAC 2004-02985-31L
PERMIT ISSUE DATE: JULY 11, 2013

DREDGE PIPELINE NOTE:
DREDGE PIPELINE TO BE ROUTED ALONG THE MINOR & MAJOR CANALS/HOUSE CREEK FROM THE DREDGING AREAS TO THE LOCATION WHERE THE DREDGE PIPELINE WILL REACH THE UPLAND. THE DREDGE PIPELINE WILL BE SPUN OUT FROM THE SIDE OF THE CANALS/THE SPRINGS, WHICH WILL IMPACT AND DAMAGE MARSH GRASS AND OYSTER BEDS THROUGHOUT ITS ENTIRE LENGTH FOR THE DURATION OF THE PROJECT.

DREDGE PIPELINE ROUTE FROM
CANAL SPECIFIED
TOWARD BAY REFER TO
SHEET P. 12 & P. 13 FOR MAP
OF DREDGE PIPELINE ROUTE.

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PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing man-made canals in Cherry Grove. Dredged material will be removed by barge and pumped to the Hwy. Camp-sawed spoil basin (CDP 220). Tidewater Phased Basin) near Tidewater Plantation on the Atlantic Intracoastal Waterway. Minor Channel to be dredged 34 ft wide dredge path and to a minimum required depth of 5.0 ft. MLW, with 1-ft. allowable overdepth. Access Canals will be generally dredged 4.4 feet wide dredge path, with a few variations to provide improved access and flushing, to a minimum required depth of 3.0 ft. MLW for approx. 2/3 of their length and 2.5 ft. MLW for the remaining 1/3 of their length in order to avoid creating a pocket for stagnant water, with 1-ft. allowable overdepth. Dredged site slopes will be 4:1 (10°), except in close proximity to man-made structures where dredge cut will be vertical. An additional 1-ft depth for advanced maintenance dredging is also proposed throughout the project, resulting in max. project depths of 3.0 ft. MLW + 1' + 1.5 ft. MLW = 4.5 ft. MLW, and -2.5 ft. MLW - 1' + 1 = -5.0 ft. MLW.

PROJECT NAME: Cherry Grove Beach Canal Dredging Permit 2021

PROJECT LOCATION: North Myrtle Beach (Cherry Grove Canals)

ADJACENT WATERBODY: House Creek -&c- Fog Inlet

COUNTY: Horry STATE: South Carolina

APPLICANT:

City of North Myrtle Beach

1018 Second Avenue South

North Myrtle Beach, SC 29582

Contact: Mike Mainman, City Manager

mmainman@nmba.org (email)

(843) 286-5555 (phone)

SAC-2004-02988
Cherry Grove Canal 2021 Maintenance
Dredge
Horry County, SC
Sheet 3 of 13
Date: October 19, 2021



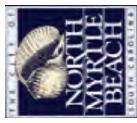
PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing man-made canals in Cherry Grove. Dredged material will be removed by barge and pumped to the Harry Camp-sawed spoil basin in CDF 220. Tidewater bypass Basin near Tidewater Plantation on the Atlantic Intracoastal Waterway. Minor Channel to be dredged 34 feet wide dredge path, with a minimum required depth of 3.0 feet allowable overdepth. Access Canals will be generally dredged 4.4 feet wide dredge path, with a few variations to provide improved access and flushing to a minimum required depth of 3.0 ft. MLW for approx. 2/3 of their length and 2.5 ft. MLW for the remaining 1/3 of their length in order to avoid creating a pocket for stagnant water, with 4 ft. allowable overdepth. Dredged site slopes will be 4(4H):1(0), except in close proximity to marsh vegetation where dredge cut will be vertical. An additional 4-ft. depth for advanced maintenance dredging is also proposed throughout the project, resulting in max. project depths of -3.0' MLW and -2.5 ft. MLW. 1' + 1 = 5.5 ft. MLW and -2.5 ft. MLW.

(ACCESS CANALS H, J, & J, and Minor Channel Station 68+50 through 57+00)

ENLARGED PLAN VIEW #2

SAC-2004-02988
Cherry Grove Canal 2021 Maintenance



Dredge
Horry County, SC
Sheet 4 of 13
Date: October 19, 2021

APPLICANT:
City of North Myrtle Beach
1018 Second Avenue South
North Myrtle Beach, SC 29582
Contact: Mike Mainey, City Manager
mmainey@nmb.us (email)
(843) 268-5555 (phone)

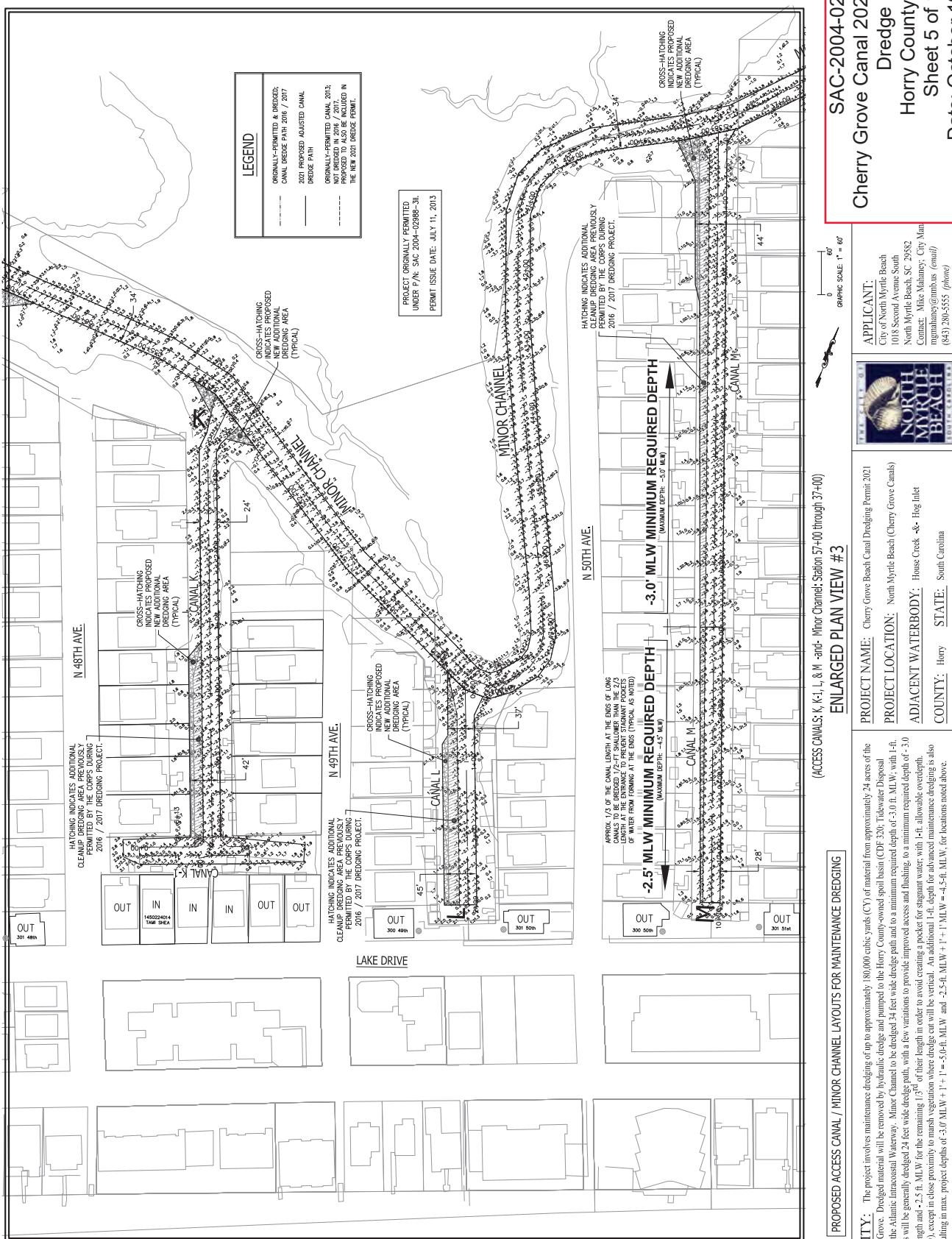
LATITUDE: 33° 56' 24.80" N
LONGITUDE: 79° 36' 24.00" W

PROJECT: ORIGINALLY PERMITTED
CANAL DREDGE PAR. 2016 / 2017
2020 PROPOSED ADJUSTED CANAL
DREDGE PATH
— — —
ORIGINALY PERMITTED CANAL
NOT PROPOSED / 2016 / 2017
PROPOSED TO ALSO BE INCLUDED IN
THE NEW 2021 DREDGE PERMIT.

PROJECT: ORIGINALLY PERMITTED
CANAL DREDGE PAR. 2014-02865-3L
PERMIT ISSUE DATE: JULY 11, 2013

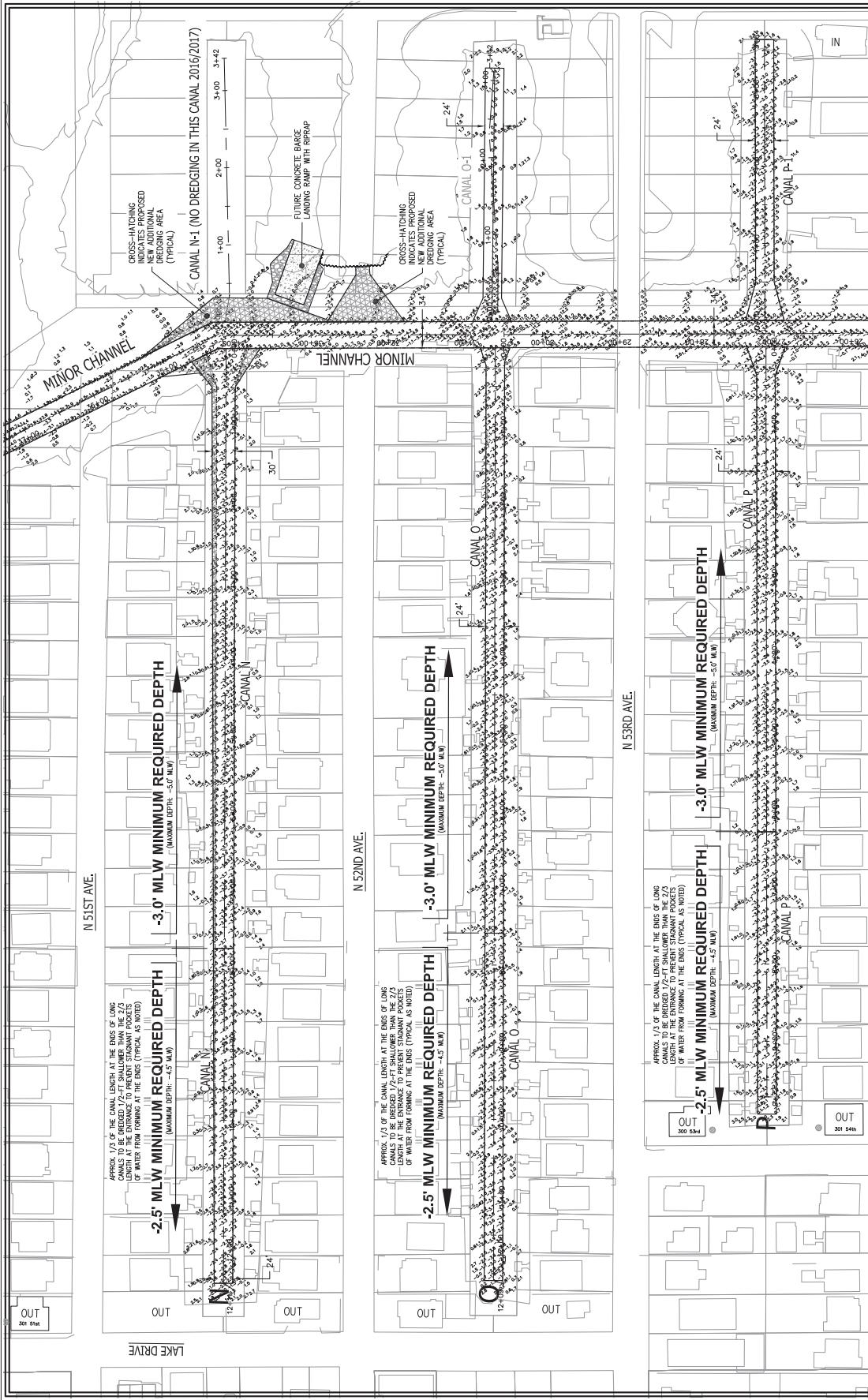
ALL DREDGED MATERIAL
REMOVED AND
MOVED TO AN
OFF-SITE LOCATION
FOR WATER (MLW)
REFERENCE

SAC-2004-02988
Cherry Grove Canal 2021 Maintenance



PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of existing mainline canals in Cherry Grove. Dredged material will be removed by hydraulic dredge and pumped to the Hwy County-owned spoil basin (CDP 320 - Tidewater Disposal Basin) located in the Atlantic Intracoastal Waterway. Main Channel to be dredged 34 feet wide dredge path and a minimum required depth of 5.0' MLW with a maximum required depth of 6.0' MLW. With a few variations it provide improved access and flushing, and a minimum required depth of 5.0' MLW for a pocket for stagnant water, with 4.5' allowable overdepth. A portion of their length in order to avoid creating a pocket for stagnant water, with 4.5' allowable overdepth. A portion of their length in order to avoid creating a pocket for stagnant water, with 4.5' allowable overdepth. A portion of their length in order to avoid creating a pocket for stagnant water, with 4.5' allowable overdepth. A portion of their length in order to avoid creating a pocket for stagnant water, with 4.5' allowable overdepth.



(ACCESS CANALS: N, O-1, P, & P-1 and Minor Channel Station 37+00 through 26+00)

ENLARGED PLAN VIEW #4

PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing man-made canals in Cherry Grove. Dredged material will be removed by barge/tug and pumped to the Harry Camp-owned spoil basin in CDF 220, Tidewater Bypass Basin (near Tidewater Intracoastal Waterway, Minor Channel). To be dredged 34 feet wide dredge path, and to a minimum required depth of 3.0 feet. Available dredgeable access will be generally dredged 4.4 feet wide dredge path, with a few variations to provide improved access and flushing to a minimum required depth of 3.0 ft. MLW for approx. 2/3 of their length and 2.5 ft. MLW for the remaining 1/3 of their length in order to avoid creating a pocket for stagnant water, with 4 ft. allowable overdepth. Dredged site slopes will be 4:1 (10°), except in close proximity to marsh vegetation where dredge cut will be vertical. An additional 4-ft. depth for advanced maintenance dredging is also proposed throughout the project, resulting in max. project depths of -3.0' MLW + 1' = 5.0-ft. MLW and -2.5-ft. MLW + 1' = 4.5-ft. MLW, for locations noted above.

PROJECT NAME:

Cherry Grove Canal Dredging Permit 2021

PROJECT LOCATION:

North Myrtle Beach (Cherry Grove Canals)

ADJACENT WATERBODY:

House Creek - &c. Fog Inlet

COUNTY:

Horry

STATE:

South Carolina

SAC-2004-02988

Dredge

Horry County, SC

Sheet 6 of 13

Date: October 19, 2021

Cherry Grove Canal 2021 Maintenance

APPLICANT:

City of North Myrtle Beach

1018 Second Avenue South

North Myrtle Beach, SC 29582

Contact: Mike Mainman, City Manager

mmh@nmba.org (email)

(843) 268-5555 (phone)



PROJECT NUMBER:

2021

PERMIT NUMBER:

2004-02988

PERMIT ISSUED:

July 1, 2021

PERMIT EXPIRES:

July 1, 2022

PERMIT TYPE:

Maintenance

PERMIT STATUS:

Active

PERMIT ISSUED BY:

SC DNR

PERMIT ISSUED TO:

City of North Myrtle Beach

PERMIT ISSUED FOR:

Cherry Grove Canal

PERMIT ISSUED ON:

July 1, 2021

PERMIT ISSUED BY:

SC DNR

PERMIT ISSUED TO:

City of North Myrtle Beach

PERMIT ISSUED FOR:

Cherry Grove Canal

PERMIT ISSUED ON:

July 1, 2021

PERMIT ISSUED BY:

SC DNR

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July 1, 2021

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SC DNR

PERMIT ISSUED TO:

City of North Myrtle Beach

PERMIT ISSUED FOR:

Cherry Grove Canal

PERMIT ISSUED ON:

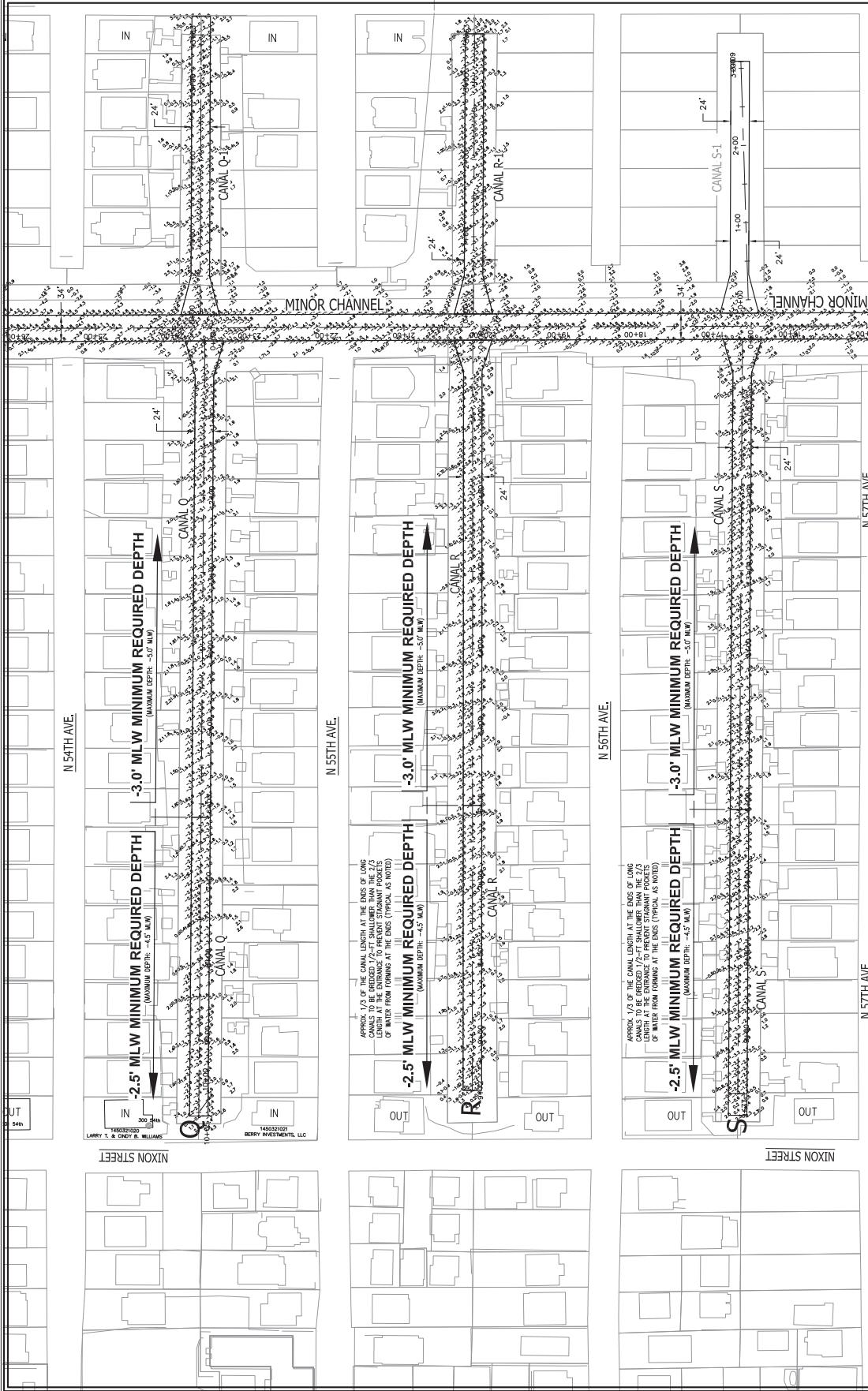
July 1, 2021

PERMIT ISSUED BY:

SC DNR

PERMIT ISSUED TO:

City of North Myrtle Beach</p



PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing man-made canals in Cherry Grove. Dredged material will be removed by barge and pumped to the Harry Camp-owned spoil basin in CDF 220. Tidewater disposal basin near Tidewater Intracoastal Waterway. Minor Channel to be dredged 34 ft wide dredge path and to a minimum required depth of 3.0 ft. Available dredgeable access to the entrance to prevent stagnant pockets of water from forming at the ends (typical, as noted).

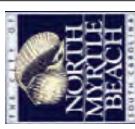
PROJECT NAME: Cherry Grove Canal Dredging Permit #5
PROJECT LOCATION: North Myrtle Beach (Cherry Grove Canals)
ADJACENT WATERBODY: House Creek & Ocean
COUNTY: Horry
STATE: South Carolina

(ACCESS CANALS: Q, Q-1, R, R-1, S, S-1 & 10'-0" Minor Channel: Station 26+00 through 15+00)
ENLARGED PLAN VIEW #5

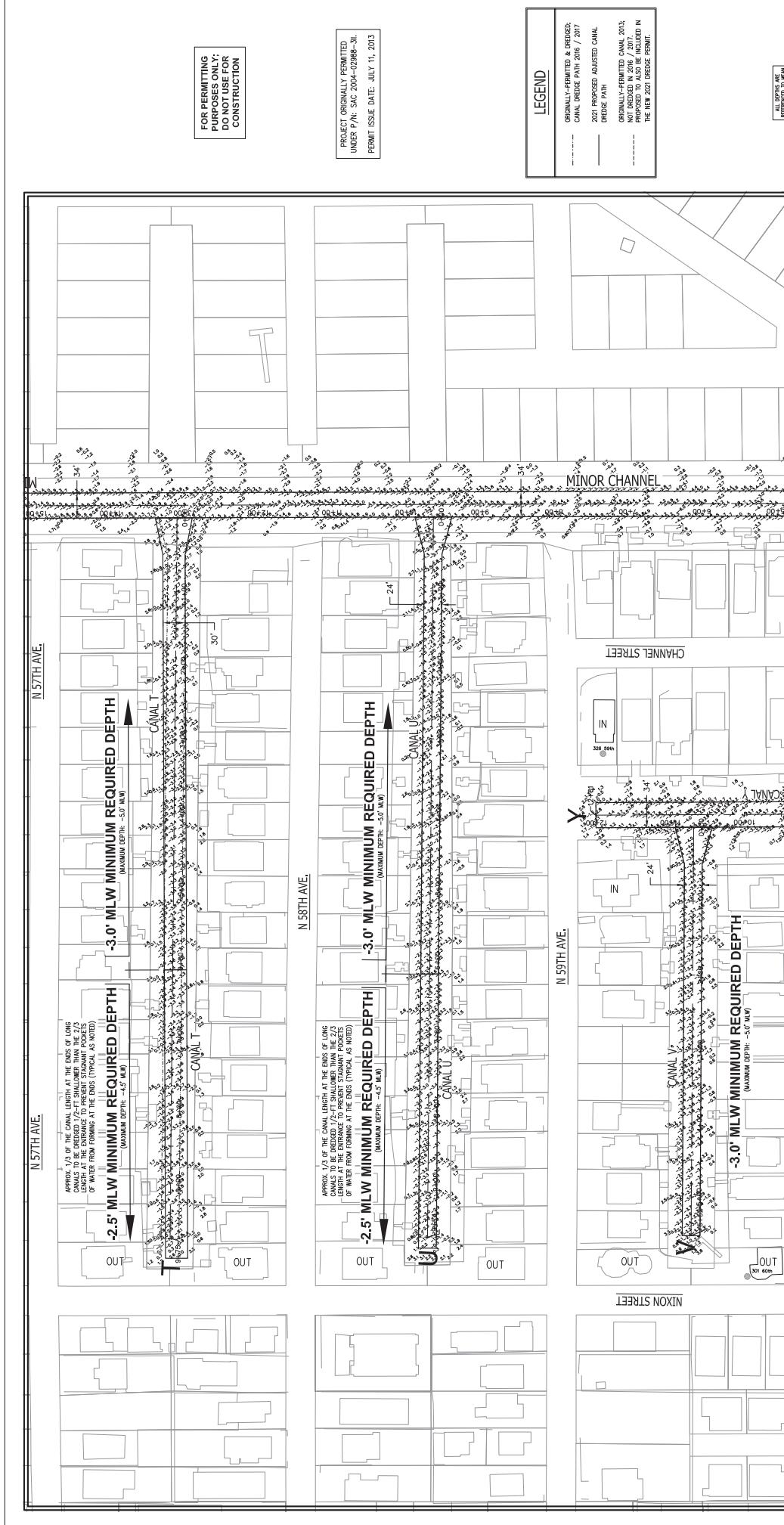
SAC-2004-02988
Dredge
Horry County, SC
Sheet 7 of 13
Date: October 19, 2021

LATITUDE: 32° 56' 28.89" N
 LONGITUDE: 29° 36' 54.00" W

LATITUDE: 32° 56' 28.89" N
 LONGITUDE: 29° 36' 54.00" W



APPLICANT:
 City of North Myrtle Beach
 1018 Second Avenue South
 North Myrtle Beach, SC 29582
 Contact: Mike Mainous, City Manager
 mmh@nmbus.org (email)
 (843) 268-5555 (phone)



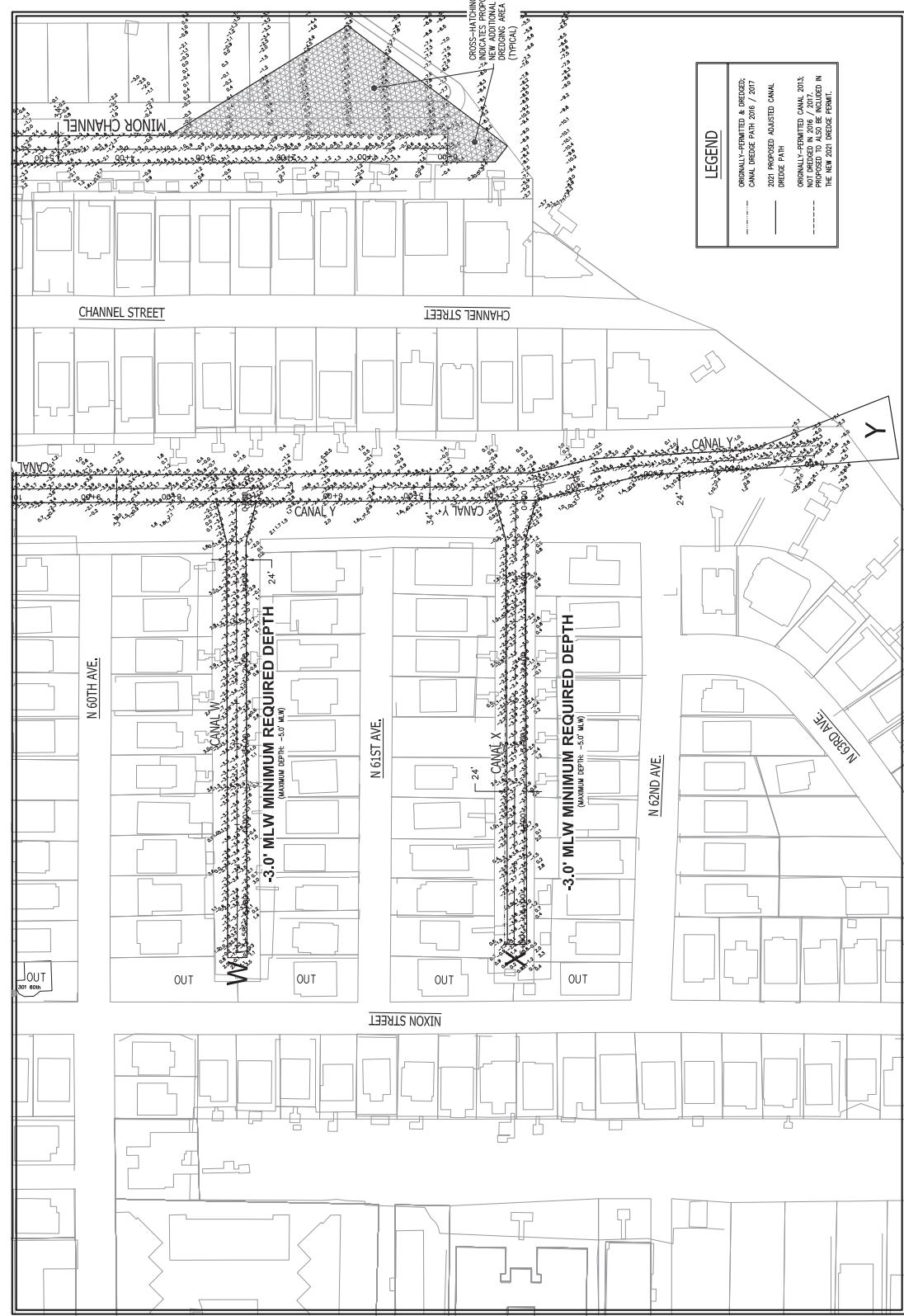
(ACCESS CANALS; T, U, & V -and- Minor Channel: Station 15+00 through 5+00 -and- Canal Y: Station 12+01 through 9+50)

ENLARGED PLAN VIEW #6

PROPOSED ACCESS CANAL / MINOR CHANNEL LAYOUTS FOR MAINTENANCE DREDGING

SAC-2004-02988
Cherry Grove Canal 2021
Maintenance Dredge
Horry County, SC
Sheet 8 of 13

Date: October 19 2021



PROPOSED ACTIVITIES:
existing man-made canals in Cherry Basin (near Tidewater Plantation)
allowable dredge. Access Canal M.L.W. for approx. 2/3 of their 1 ft. Dredged site slopes will be 4:1. It is proposed throughout the project: re-

SAC-2004-02988
Cherry Grove Canal 2021 Maintenance
Dredge
Horry County, SC
Sheet 9 of 13
Date: October 19, 2021

PROJECT NAME:	Cherry Grove Canal Dredging Permit 2021
PROJECT LOCATION:	North Myrtle Beach (Cherry Grove Canals)
ADJACENT WATERBODY:	House Creek -&- Fog Inlet
COUNTY:	Horry
STATE:	South Carolina

LATITUDE: 33° 59' 28.40" N LONGITUDE: -79° 36' 54.00" W	SHEET: P-9 of 13
ORIGINAL PERMIT NUMBER: SAC-2004-02988-30 PERMIT ISSUE DATE: JULY 11, 2013	DATE: October 28, 2021
ORIGINAL PERMIT & PROPOSED: CANAL DREDGE PATH 2006 / 2017	REV. DATE (if applicable):
2021 PROPOSED ADJUSTED CANAL DREDGE PATH	P.O. Box 3238 North Myrtle Beach, SC 29582
ORIGINAL PERMITTED CANAL 2013: REFLECTED TO MAP AS PROPOSED PROPOSED TO CANAL DREDGE PATH REFLECTED TO MAP AS PROPOSED IN THE NEW 2021 DREDGE PERMIT.	SCALE: AS SHOWN FILE: P-9 of 13 (cell) H. Wayne Beam, Ph.D. Beam & Associates P.O. Box 3238 North Myrtle Beach, SC 29582 Contact: Mike Mainey: City Manager mmainey@ambs.us (email) (843) 261-5555 (phone)

PROJECT ORIGINALLY PERMITTED
UNDER P/N: SAC 2004-02988-3II.
PERMIT ISSUE DATE: JULY 11, 2013

**FOR PERMITTING
PURPOSES ONLY;
DO NOT USE FOR
CONSTRUCTION**

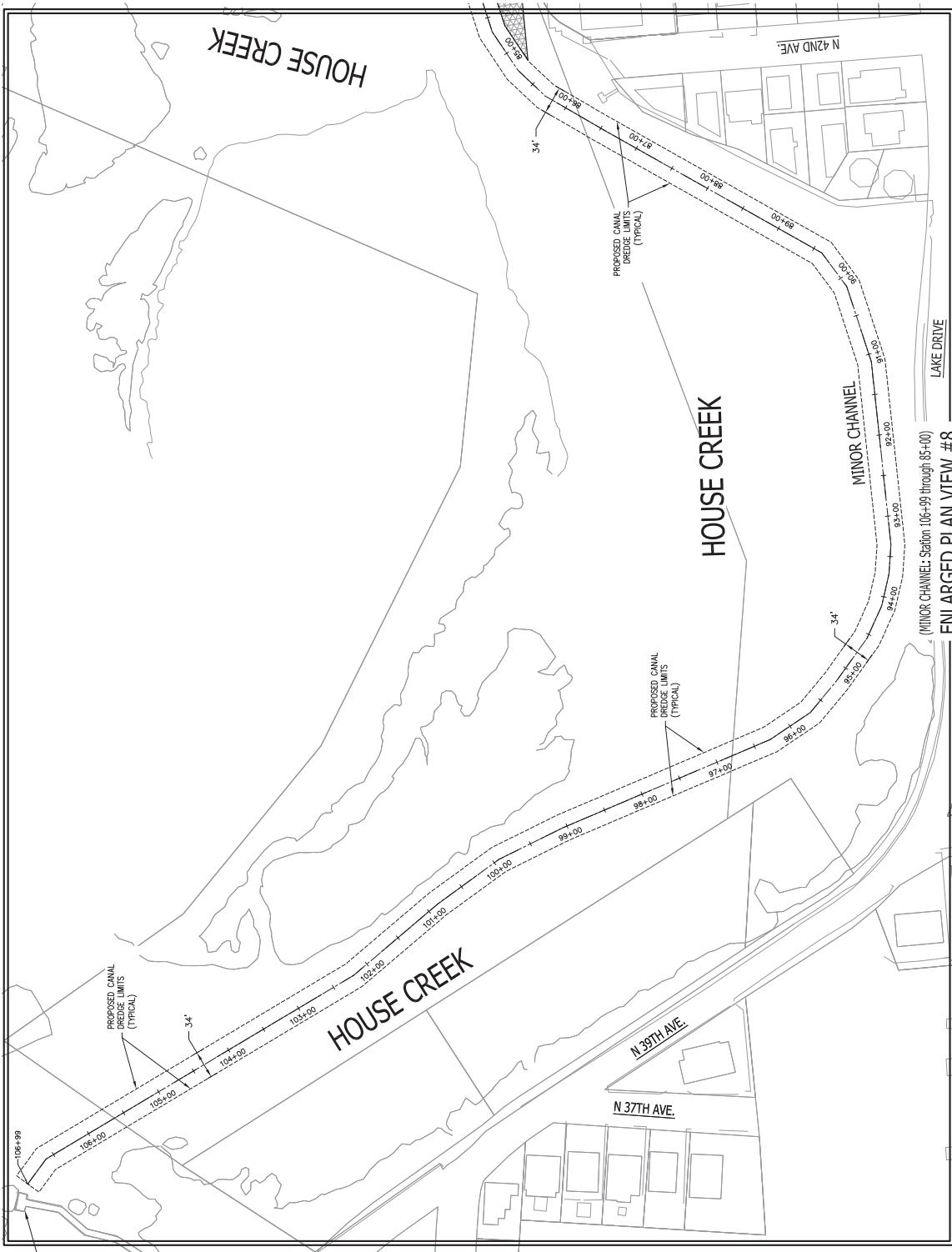
LEGEND

<p>ORIGINALLY-PERMITTED & DREDGED:</p> <hr/> <p>CANAL DREDGE PATH 2016 / 2017</p> <hr/>	<p>2021 PROPOSED ADJUSTED CANAL DREDGE PATH</p> <hr/>	<p>ORIGINALLY-PERMITTED CANAL 2015;</p> <hr/> <p>NOT DREDGED IN 2016 / 2017.</p> <p>PROPOSED TO ALSO BE INCLUDED IN THE NEW 2021 DREDGE PERMIT.</p> <hr/>
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ALL DEPTHS ARE
REFERENCED TO MEAN
LOW WATER (MLW)
VERTICAL DATUM.

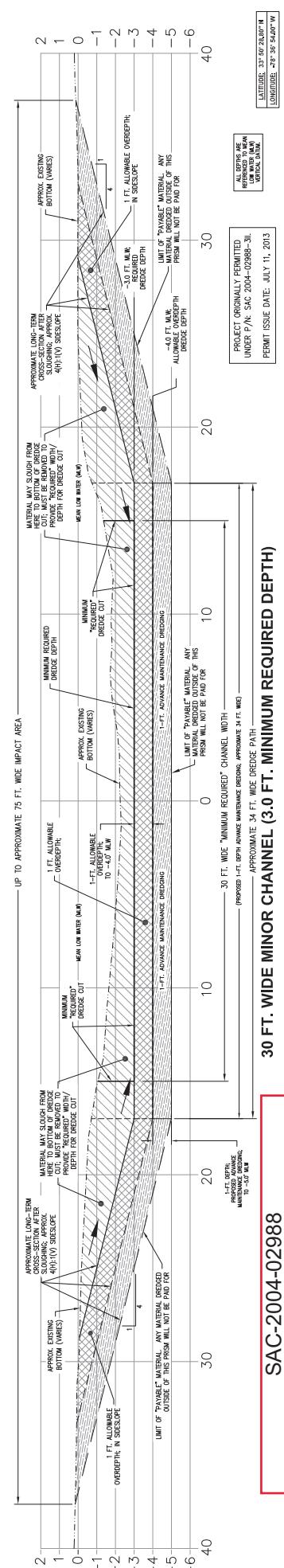
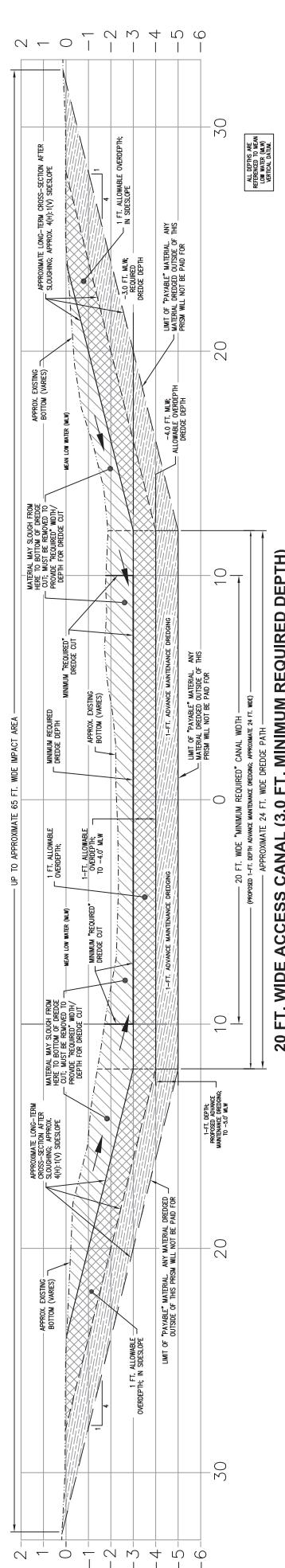
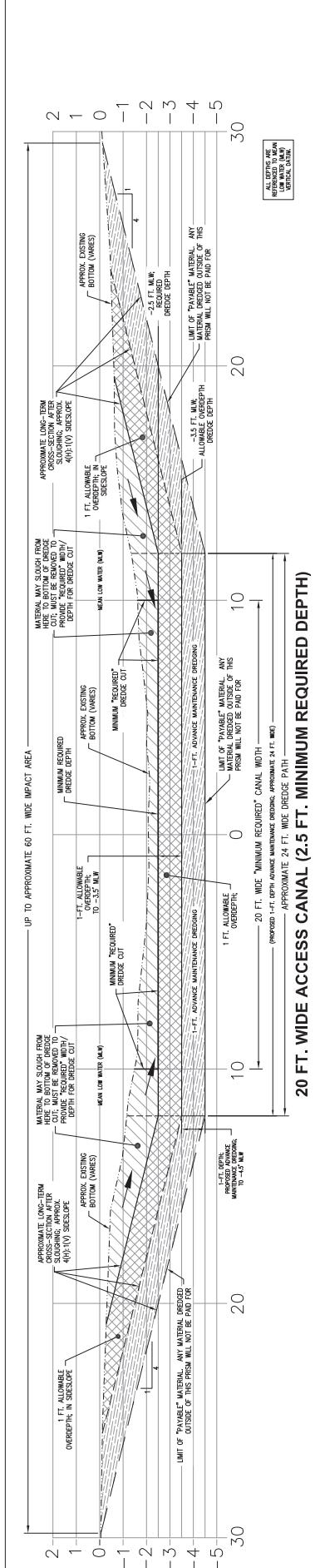
LATITUDE: 33° 50' 28.80" N
LONGITUDE: -78° 36' 54.00" W

GRAPHIC SCALE: 1" = 60'



PROPOSED ACTIVITY:	The existing man-made canals in Cherry Grove, Dredge & Fill, North Tidewater Plantation on the Atlantic Inlet, available overdepth. Access Canals will be given priority. M/W for approx. 23 ft. of their length and 2.5 ft. Dredged side slopes will be 4(b) (iv), except in areas proposed throughout the project, resulting in max. slope of 1:1.		
PROJECT NAME:	Cherry Grove Beach Canal Dredging Permit 2021		
PROJECT LOCATION:	North Myrtle Beach (Cherry Grove Canals)		
ADJACENT WATERBODY:	House Creek & Hog Inlet		
COUNTY:	Horry	STATE:	South Carolina
<p>24 acres of the existing man-made canals in Cherry Grove. Dredge & Fill, North Tidewater Plantation on the Atlantic Inlet, available overdepth. Access Canals will be given priority. M/W for approx. 23 ft. of their length and 2.5 ft. Dredged side slopes will be 4(b) (iv), except in areas proposed throughout the project, resulting in max. slope of 1:1.</p> <p>Permittee: Cherry Grove Beach Canal Dredging LLC Address: 1018 Second Avenue South North Myrtle Beach, SC 29582 Contact: Mike Mahaney, City Manager mcmahan@immsc.org (email) (843) 286-5555 (phone)</p>			

PROPOSED ACTIVITIES
existing man-made canals in Chester Basin) near Tidewater Plantation allowable overdepth. Access Canal MLW for approx. 2/3'd of their ft. Dredged side slopes will be 4:1 proposed throughout the project;



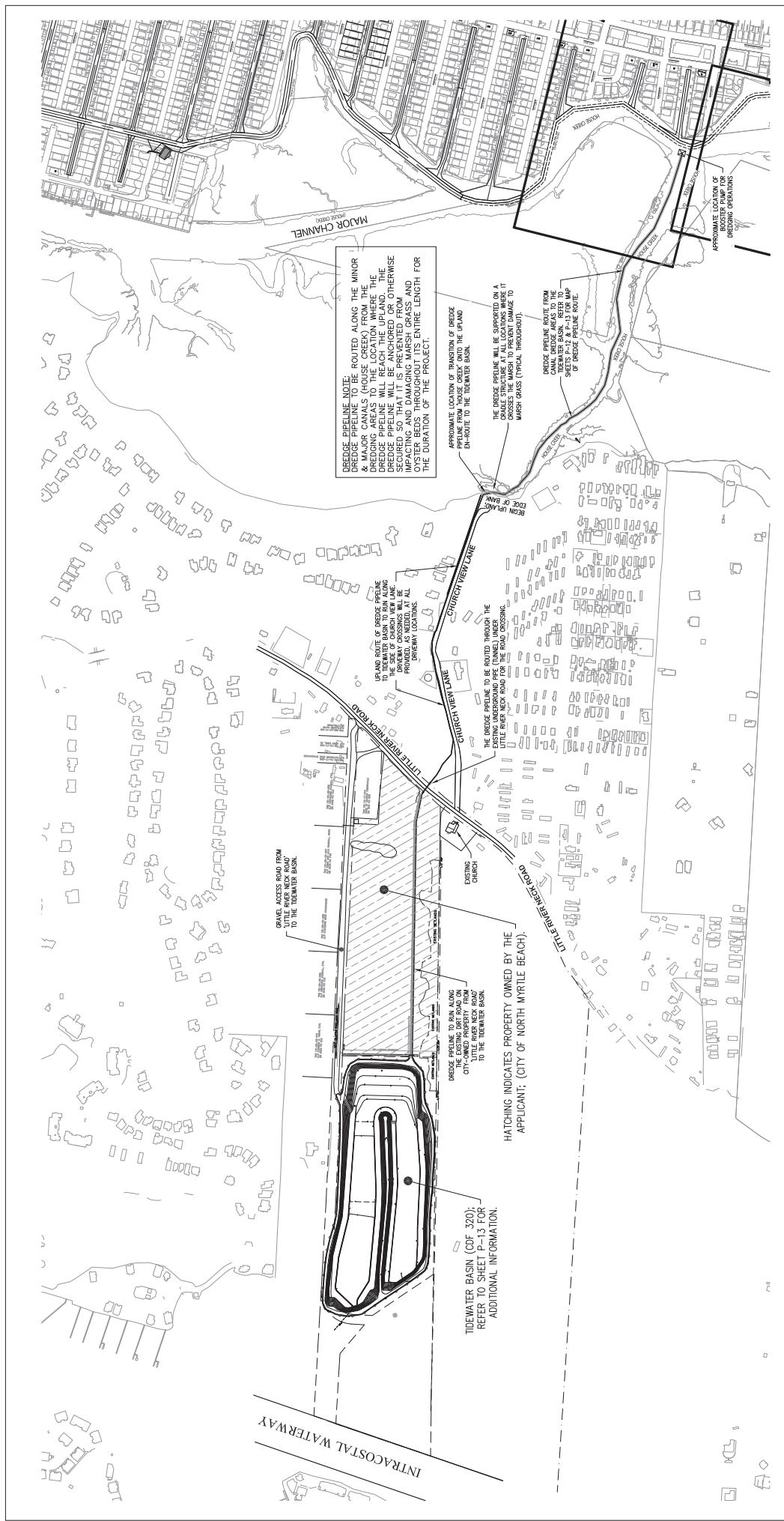
SAC-2004-02988
Cherry Grove Canal 2021 Maintenance
Dredge

SAC-2004-02988
Grove Canal 2021 Maintenance
Dredge
Horry County, SC
Sheet 11 of 13
Date: October 19, 2021

existing man-made canals in Basin) near Tidewater Plant allowable overdepth. Acceptable overdepth for approx. 2.3 ft. MLW for dredged site slopes will be proposed throughout the project area.

NOT TO SCALE	
FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION	
PROJECT ORIGINALLY PERMITTED UNDER P/N: SAC-2004-02988-30 PERMIT ISSUE DATE: JULY 11, 2013	
APPLICANT: Michael Mahaney 100 North Myrtle Beach Second Avenue South North Myrtle Beach, SC 29582 City Manager michael.mahaney@nmbus.com (email) 843-814-1455 (phone)	
	
NOTICE OF EXPIRATION This permit will expire on May 29, 2010.	
MAP INFORMATION Latitude: 33°46'28.46" N Longitude: 79°36'54.00" W	
SHEET: P11 of 13 DATE: October 29, 2011 REV. DATE: 01/01/2012 SCALE: 1:8000 H. Wayne Bean, PhD. Beam & Associates P.O. Box 3238 North Myrtle Beach, SC 29582 hwaynebeam@gmail.com (email) (843) 814-1455 (phone)	

CAROLINA CITY MAYOR	
North Myrtle Beach	
301 Avenue South	
North Myrtle Beach, SC 29582	
Mike Mahaney: City Manager	
mikem@nmbus.com (email)	
843-247-1455 (phone)	
843-247-1455 (cell)	
H. Wayne Dean, PhD.	
Ph.D. & Associates	
P.O. Box 2328	
North Myrtle Beach, SC 29582	
wayne@nmbus.com (email)	
(843) 247-1455 (cell)	
DATE: October 29, 2021	
REV. DATE: 01/	
REV. DATE: 01/	
SCALE: AS SHOWN	
FILE: CHERRY GROVE 2021 P-Base	



PROJECT ORIGINALLY PERMITTED
UNDER P/N: SAC 2004-02988-31.
PERMIT ISSUE DATE: JULY 11, 2013

PROPOSED DREDGE PIPELINE ROUTE & DISPOSAL BASIN KEY SHEET

CONSTRUCTION

SHEET: P-120
DATE: October 23, 2021
REV. DATE: 01/01/2022

SAC-2004-029988

Cherry Grove Canal 2021 Maintenance

GRAPHIC SCALE: 1" = 300'

REV. DATE: 12-15-01
SCALE: AS SHOWN
FILE: CHERRY GROVE 2011

Date: October 19, 2021
Sheet 12 of 13

SHEET: P-12.0
 DATE: October 28, 2021
 REV. DATE: 01/01/2022
 REV. DATE: 01/01/2022
 SCALE: AS SHOWN
 FILE: CHERRY GROVE 2021
SAC-2004-029988
Cherry Grove Canal 2021 Maintenance
Dredge
Horry County, SC

PROJECT NAME: Cherry Grove Beach Canal Dredging Permit 2021
PROJECT LOCATION: North Myrtle Beach (Cherry Grove Canals)
ADJACENT WATERBODY: House Creek & Hog Inlet
COUNTY: Horry STATE: South Carolina

PROPOSED ACTIVITY: The project involves maintenance dredging of up to approximately 180,000 cubic yards (CY) of material from approximately 24 acres of the existing manmade canals in Cherry Grove. Dredged material will be removed by hydraulic dredge and pumped to the Harry Combs-owned spoil basin (CDP 320). Tieback Dredges (TBD) will be used to remove material from the dredge site. Material will be transported to a disposal site via barge and truck. A minimum required depth of 5.0 ft. MLW with 1-ft. a.s.l. overwater. Access canals will be generally dredged 24 feet wide, deep, with a few variations to provide improved access and lashing, to a minimum required depth of 3.0 ft. MLW for approximately 2/3 of their length in order to avoid creating a pocket for stagnant water, with 1-ft. a.s.l. overdepth. An additional 1-ft. a.s.l. depth for additional maintenance dredging is also proposed throughout the project, resulting in max. project depths of 5.0' (ft) MLW + 1' = 5.5' (ft) MLW and 2.5-ft. (MLW + 1') = 4.5-ft. (ft) MLW, for locations noted above.

