



APPENDIX E: Water Quality Reports & Maps

Prepared for:



Prepared by:





Watershed and Water Quality Information

General Information

Applicant Name: SCDOT

Permit Type: Construction

Address: 569 LONG POINT RD, MOUNT PLEASANT, SC, 29464

Latitude/Longitude: 32.839628 / -79.862487

MS4 Designation: Small MS4

Monitoring Station: 09B-18

Within Coastal Critical Area: Yes

Water Classification (Provisional): SFH

Waterbody Name: HOBCEW CREEK

Entered Waterbody Name:

Parameter Description

NH3N	Ammonia	CD	Cadmium	CR	Chromium
CU	Copper	HG	Mercury	NI	Nickel
PB	Lead	ZN	Zinc	DO	Dissolved Oxygen
PH	pH	TURBIDITY	Turbidity	ECOLI	Escherichia coli (Freshwaters)
FC	Fecal Coliform (Shellfish)	BIO	Macroinvertebrates (Bio)	TP	(Lakes) Phosphorus
TN	(Lakes) Nitrogen	CHLA	(Lakes) Chlorophyll a	ENTERO	Enterococcus (Coastal Waters)
HGF	Mercury (Fish Tissue)	PCB	PCB (Fish)		

Impaired Status (downstream sites)

Station	NH3N	CD	CR	CU	HG	NI	PB	ZN	DO	PH	TURBIDITY	ECOLI	FC	BIO	TP	TN	CHLA	ENTERO	HGF	PCB
09B-18	X	X	X	X	X	X	X	X	X	X	X	X	InTN	X	X	X	X	X	X	X
09B-15	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X
MD-264	X	F	F	F	F	F	F	F	InTF	F	F	X	A	X	X	X	X	F	X	X
RO-19436	X	A	A	A	A	A	A	A	A	A	A	X	A	X	X	X	X	A	X	X
WAN-01	X	A	A	A	A	A	A	A	A	A	A	X	A	X	X	X	X	A	X	X
HC2	X	A	A	A	A	A	A	A	A	A	A	X	A	X	X	X	X	A	X	X
HC1	X	A	A	A	A	A	A	A	A	A	A	X	A	X	X	X	X	A	X	X
RO-17396	X	A	A	A	A	A	A	A	A	A	A	X	A	X	X	X	X	A	X	X

F = Standards full supported
N = Standards not supported

A = Assessed at upstream station
X = Parameter not assessed at station

WnTN = Within TMDL, parameter not supported
InTN = In TMDL, parameter not supported

WnTF = Within TMDL, parameter full supported
InTF = In TMDL, parameter full supported

Parameters to be addressed (those not supporting standards)

FC - Fecal Coliform (Shellfish)

DO - Dissolved Oxygen

Fish Consumption Advisory

Waters of Concern (WOC)

TMDL Information - TMDL Parameters to be addressed

In TMDL Watershed: Yes

TMDL Site: MD-264

TMDL Report No: 0506-13

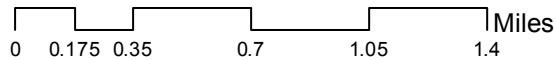
TMDL Parameter: DO

TMDL Document Link: https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/Chas_Hbr_DO_TMDL.pdf

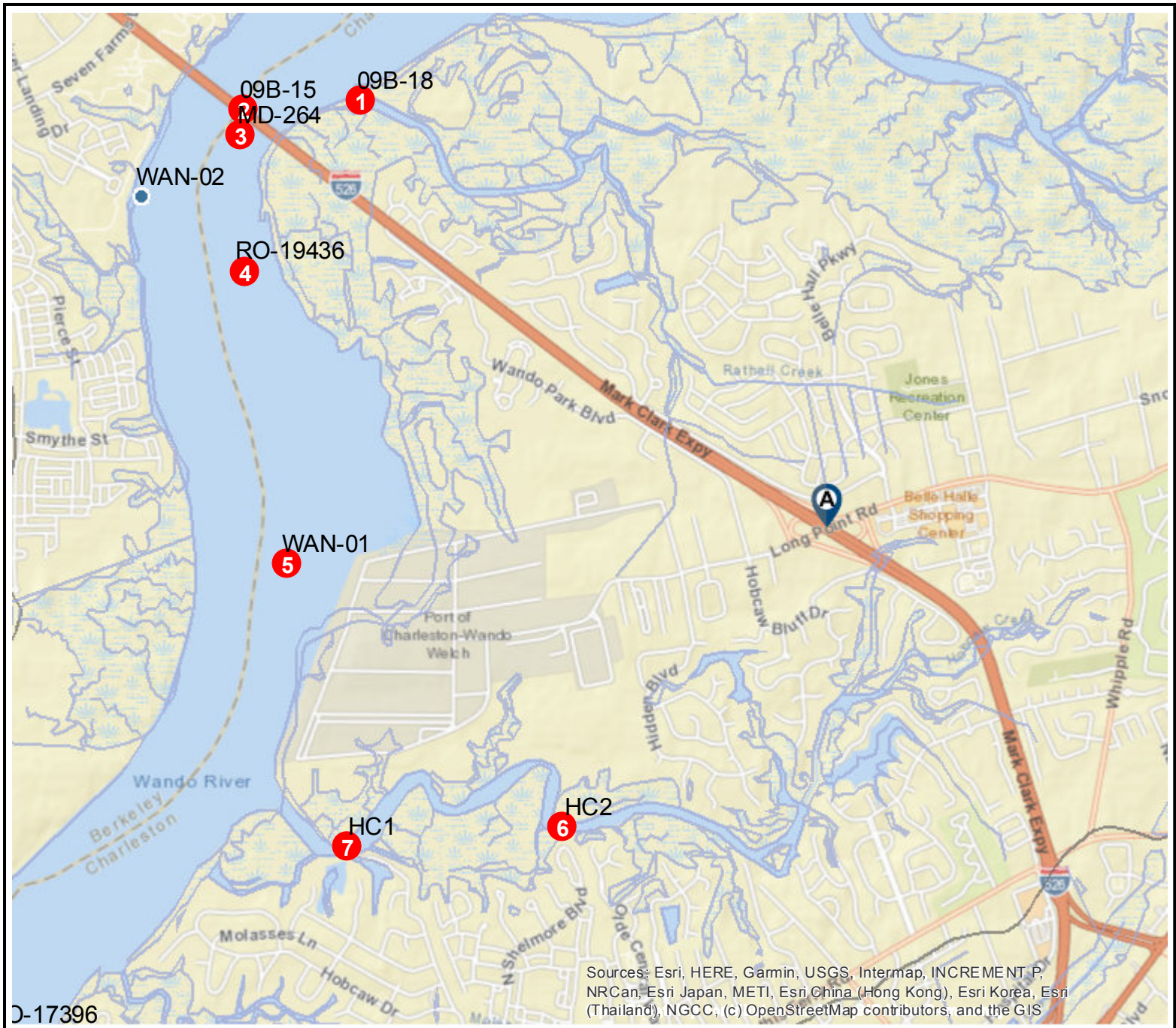
Report Date: August 7, 2024



Watershed and Water Quality Information



Print Date: 8/7/2024



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS

Applicant Name: SCDOT

Permit Type: Construction

MS4 Designation: Small MS4

Within SC Coastal Critical Area: YES

Watershed Name: Wando River

Watershed Boundary Dataset(WBD): 0305020104

Waterbody Name: HOBCAW CREEK

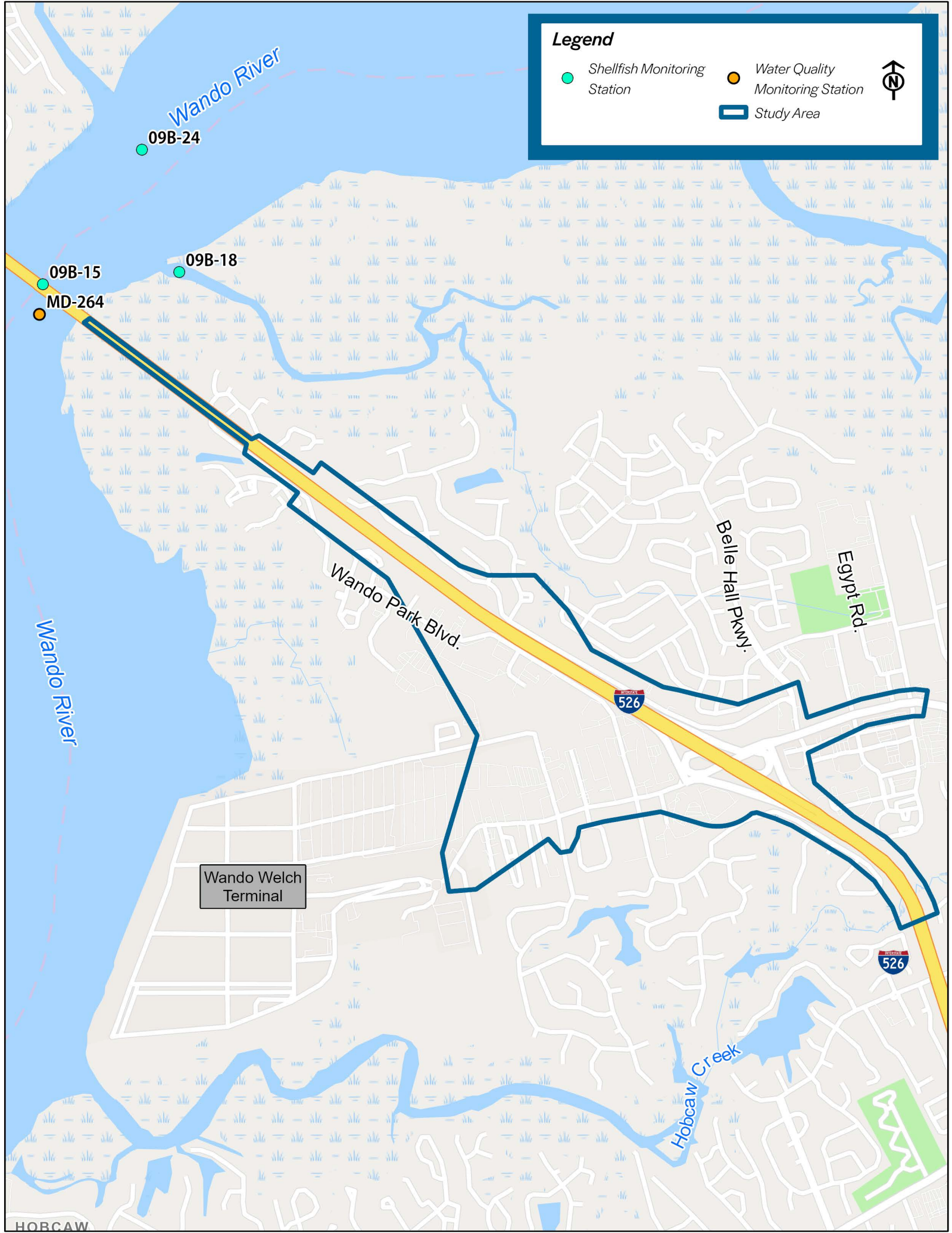
Water Classification: SFH

Distance to Nearest Waterbody:

Nearest Downstream Waterbody: WANDO RIVER/HOBCAW CREEK

Monitoring Station: 09B-18

TMDL Site: 0506-13-DO Charleston Harbor / Ashley River)



Legend

- Shellfish Monitoring Station
- Water Quality Monitoring Station
- Study Area



Wando River

09B-24

09B-15

MD-264

09B-18

Wando Park Blvd.

Belle Hall Pkwy.

Egypt Rd.

526

526

Wando Welch Terminal

Hobcaw Creek

HOBCAW

