

**TABLE 5-15 RESULTS OF TISSUE ANALYSIS FOR DANIEL ISLAND MARINE CARGO TERMINAL:
DIOXINS AND FURANS *Neanthes virens***

wet weight (ng/kg)	MDL	Charleston Naval Base			Cooper River Berthing Area			Wando River Berthing Area		Wando River Realignment			REFERENCE
		CNB-01	CNB-02	CNB-03	CPB-01	CPB-02	CPB-03	WDB-01	WDB-02	WDR-01	WDR-02	WDR-03	
Dioxins													
2,3,7,8-TCDD	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDD	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	1.3	ND	2.5	ND	ND	ND	2.4 J	ND	ND	ND	ND	ND	ND
OCDD	1.3	5.9	5.7	ND	ND	ND	62.5	3.9 J	1.9 J	ND	2.0 J	2.6 J	3.0 J
Furans													
2,3,7,8-TCDF	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-PeCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	0.7	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCDF	0.5	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND

ND = Not Detected

J = The analyte was detected at concentrations between the calibrated range and the detection limit.

TEQs	TEF	Charleston Naval Base			Cooper River Berthing Area			Wando River Berthing Area		Wando River Realignment			REFERENCE
		CNB-01	CNB-02	CNB-03	CPB-01	CPB-02	CPB-03	WDB-01	WDB-02	WDR-01	WDR-02	WDR-03	
Dioxins (ng/kg)													
2,3,7,8-TCDD	1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,7,8-PeCDD	0.5	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HxCDD	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HxCDD	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HxCDD	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HpCDD	0.01	--	0.03	--	--	--	0.02	--	--	--	--	--	--
OCDD	0.001	0.01	0.01	--	--	--	0.06	0.00	0.00	--	0.00	0.00	0.00
Furans													
2,3,7,8-TCDF	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,7,8-PeCDF	0.05	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,7,8-PeCDF	0.5	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HxCDF	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HxCDF	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HxCDF	0.1	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HpCDF	0.01	--	--	--	--	--	0.01	--	--	--	--	--	--
1,2,3,4,7,8,9-HpCDF	0.01	--	--	--	--	--	--	--	--	--	--	--	--
OCDF	0.001	--	--	--	--	--	0.01	--	--	--	--	--	--

TOTAL 2,3,7,8-TCDD TOXICITY

(1989 ITEF) EQUIVALENTS (ng/kg):	0.01	0.04	ND	ND	ND	0.1	ND						
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**TABLE 5-26 RESULTS OF TISSUE ANALYSIS FOR DANIEL ISLAND MARINE CARGO TERMINAL:
DIOXINS AND FURANS *Macoma nasuta***

wet weight (ng/kg)	MDL	Charleston Naval Base			Cooper River Berthing Area			Wando River Berthing Area		Wando River Realignment			REFERENCE
		CNB-01	CNB-02	CNB-03	CPB-01	CPB-02	CPB-03	WDB-01	WDB-02	WDR-01	WDR-02	WDR-03	
Dioxins													
2,3,7,8-TCDD	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDD	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND
OCDD	1.3	14.4	ND	ND	ND	5.5 J	ND	3.9 J	ND	ND	6.2 J	7.9	ND
Furans													
2,3,7,8-TCDF	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-PeCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCDF	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J	ND

ND = Not Detected

J = The analyte was detected at concentrations between the calibrated range and the detection limit.

TEQs	TEF	Charleston Naval Base			Cooper River Berthing Area			Wando River Berthing Area		Wando River Realignment			REFERENCE
		CNB-01	CNB-02	CNB-03	CPB-01	CPB-02	CPB-03	WDB-01	WDB-02	WDR-01	WDR-02	WDR-03	
Dioxins (ng/kg)													
2,3,7,8-TCDD	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDD	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND
OCDD	0.001	0.01	ND	ND	ND	0.01	ND	0.00	ND	ND	0.01	0.01	ND
Furans													
2,3,7,8-TCDF	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-PeCDF	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-PeCDF	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCDF	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0	ND

TOTAL 2,3,7,8-TCDD TOXICITY

(1989 ITEF) EQUIVALENTS (ng/kg):	0.01	ND	ND	ND	0.01	ND	ND	ND	ND	ND	0.01	0.04	ND
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