

TABLE 4-20 RESULTS OF RINSATE ANALYSIS FOR DANIEL ISLAND MARINE TERMINAL: DIOXINS AND FURANS

(ng/L)	MDL	CNB-RIN	CPB-RIN	WDR-RIN	Polypropylene Bucket
2,3,7,8-TCDD	0.0024	ND	ND	ND	ND
1,2,3,7,8-PeCDD	0.0178	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	0.0213	ND	ND	ND	ND
1,2,3,6,7,8-HxCDD	0.018	ND	ND	ND	ND
1,2,3,7,8,9-HxCDD	0.02	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDD	0.029	ND	ND	ND	ND
OCDD	0.0127	0.02 J	0.0955 J	0.0817 J	ND

2,3,7,8-TCDF	0.0074	ND	ND	ND	ND
1,2,3,7,8-PeCDF	0.0217	ND	ND	ND	ND
2,3,4,7,8-PeCDF	0.0135	ND	ND	ND	ND
1,2,3,4,7,8-HxCDF	0.0251	ND	ND	ND	ND
1,2,3,6,7,8-HxCDF	0.0155	ND	ND	ND	ND
1,2,3,7,8,9-HxCDF	0.0294	ND	ND	ND	ND
2,3,4,6,7,8-HxCDF	0.0134	ND	ND	ND	ND
1,2,3,4,6,7,8-HpCDF	0.0133	ND	ND	ND	ND
1,2,3,4,7,8,9-HpCDF	0.0212	ND	ND	ND	ND
OCDF	0.0172	ND	ND	ND	ND

MDL = Method Detection Limit

ND = Not Detected

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

Shaded values represent concentrations greater than the Method Detection Limit.

TEQs

(ng/L)	TEF	CNB-RIN	CPB-RIN	WDR-RIN	Polypropylene Bucket
Dioxins					
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	-	-	-	-
OCDD	0.001	0.08	0.1	0.02	-
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	-	-	-	-
2,3,4,6,7,8-HxCDF	0.1	-	-	-	-
1,2,3,4,6,7,8-HpCDF	0.01	-	-	-	-
1,2,3,4,7,8,9-HpCDF	0.01	-	-	-	-
OCDF	0.001	-	-	-	-

TOTAL 2,3,7,8-TCDD TOXICITY

(1989 ITEF) EQUIVALENTS (ng/L):

0.08

0.1

0.02

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