

TABLE 1 (1 OF 1)
SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
VOCs, SVOCs, PCBs, METALS
6309 WEST JEFFERSON AVENUE, DETROIT, MICHIGAN
PM PROJECT #01-5303-3-0008

Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), and Metals (µg/L)			VOCs	SVOCs	PCBs	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Uranium
Chemical Abstract Service Number (CAS#)			Various	Various	Various	7440382	7440393	7440439	16065831	7440508	7439921	7439976	7440020	7782492	7440224	7440666	7440611
Sample ID	Sample Date	Sample Time	VOCs	SVOCs	PCBs	METALS											
W-1 West Slip	11/27/2021	1:35	<MDL	<MDL	<MDL	<2	18	<0.5	<5	12	<3	<0.2	<5	<5	<0.5	26	0.223
W-2 East Slip	11/27/2021	1:45	<MDL	<MDL	<MDL	<2	17	<0.5	<5	<5	<3	<0.2	<5	<5	<0.5	10	0.235
W-3 Beyond Curtains	11/27/2021	2:00	<MDL	<MDL	<MDL	<2	19	<0.5	<5	<5	<3	<0.2	<5	<5	<0.5	<5	0.213
W-4 Upstream	11/27/2021	1:25	<MDL	<MDL	<MDL	<2	16	<0.5	12	<5	<3	<0.2	<5	<5	<0.5	<5	0.217
Rule 57 Water Quality Values (R 323.1057), February 1, 2020																	
Rule 57 Surface Water Quality Values (µg/L)																	
Human Noncancer Value (HNV) Drink Value			Various	Various	Various	10	5,800	2.5	120	470	14	0.0018	2,600	120	130	3,300	NL
Human Noncancer Value (HNV) Non-Drink Value			Various	Various	Various	280	4.70E+05	130	9,400	38,000	190	0.0018	2.10E+05	2,700	11,000	16,000	NL
Human Cancer Value (HCV) Drink Value			Various	Various	Various	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL
Human Cancer Value (HCV) Non-Drink Value			Various	Various	Various	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NL
Wildfile Value (WV)			Various	Various	Various	NA	NA	NA	NA	NA	NA	0.0013	NA	NA	NA	NA	NL
Final Chronic Value (FCV)			Various	Various	Various	150	658.44	2.96 ^D	101.04 ^D	12.37 ^D	33.45 ^D	0.77 ^D	71.63 ^D	5	0.06	162.80 ^D	NL
Aquatic Maximum Value (AMV)			Various	Various	Various	340	1,866.79	6.43 ^D	776.78 ^D	19.20 ^D	163.34 ^D	1.4 ^D	644.92 ^D	62	0.54	161.48 ^D	NL
Final Acute Value (FAV)			Various	Various	Various	680	3,733.78	12.85 ^D	1553.57 ^D	38.39 ^D	326.66 ^D	2.8 ^D	1,289.84 ^D	120	1.10	322.95 ^D	NL

Calculated Surface Water Quality Values based on 146 mg/L CaCO3 Hardness: Station ID 259010, Detroit River, near Detroit, MI.



Applicable Criteria/RBSL Exceeded

BOLD Value Exceeds Applicable Criteria

µg/L Micrograms Per Liter

bgs Below Ground Surface

<MDL Not detected at levels above the laboratory Method Detection Limit (MDL)

NA Not Applicable

NL Not Listed

NLS No Literature Research has been Conducted

ID Insufficient Data

^D Value Expressed as Dissolved

November 27, 2021
Surface Water
Sample Location Figure
USACE Slip
6309 West Jefferson Ave
Detroit, Michigan

