

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS

PROJECT NAME : RFK BRIDGE

LIRO ENGINEERS, INC.

690 Delaware Ave.

Buffalo, NY - 14209

Phone No: 716-882-5476

ORDER ID : P5021

ATTENTION : Martin Wesolowski



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: P5021

Client: LiRo Engineers, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-06							
P5021-01	MW-06	Water	Benzene	8.40		0.16	1.00	ug/L
P5021-01	MW-06	Water	Toluene	1.40		0.18	1.00	ug/L
P5021-01	MW-06	Water	Ethyl Benzene	2.00		0.16	1.00	ug/L
P5021-01	MW-06	Water	m/p-Xylenes	3.50		0.31	2.00	ug/L
P5021-01	MW-06	Water	o-Xylene	1.50		0.14	1.00	ug/L
P5021-01	MW-06	Water	Isopropylbenzene	20.5		0.13	1.00	ug/L
P5021-01	MW-06	Water	n-propylbenzene	48.7		0.14	1.00	ug/L
P5021-01	MW-06	Water	1,3,5-Trimethylbenzene	1.10		0.18	1.00	ug/L
P5021-01	MW-06	Water	tert-Butylbenzene	0.42	J	0.17	1.00	ug/L
P5021-01	MW-06	Water	1,2,4-Trimethylbenzene	2.10		0.18	1.00	ug/L
P5021-01	MW-06	Water	sec-Butylbenzene	3.40		0.17	1.00	ug/L
P5021-01	MW-06	Water	n-Butylbenzene	2.20		0.22	1.00	ug/L
P5021-01	MW-06	Water	Naphthalene	77.5		0.59	1.00	ug/L
			Total Voc :		173			
			Total Concentration:		173			
Client ID:	MW-08							
P5021-02	MW-08	Water	Methyl tert-butyl Ether	25.0		1.60	10.0	ug/L
P5021-02	MW-08	Water	Benzene	180		1.60	10.0	ug/L
P5021-02	MW-08	Water	Toluene	9.70	J	1.80	10.0	ug/L
P5021-02	MW-08	Water	Ethyl Benzene	270		1.60	10.0	ug/L
P5021-02	MW-08	Water	m/p-Xylenes	380		3.10	20.0	ug/L
P5021-02	MW-08	Water	o-Xylene	270		1.40	10.0	ug/L
P5021-02	MW-08	Water	Isopropylbenzene	58.1		1.30	10.0	ug/L
P5021-02	MW-08	Water	n-propylbenzene	130		1.40	10.0	ug/L
P5021-02	MW-08	Water	1,2,4-Trimethylbenzene	610		1.80	10.0	ug/L
P5021-02	MW-08	Water	n-Butylbenzene	13.9		2.20	10.0	ug/L
P5021-02	MW-08	Water	Naphthalene	400		5.90	10.0	ug/L
			Total Voc :		2350			
			Total Concentration:		2350			
Client ID:	MW-10							
P5021-03	MW-10	Water	n-propylbenzene	0.27	J	0.14	1.00	ug/L
P5021-03	MW-10	Water	1,3,5-Trimethylbenzene	0.33	J	0.18	1.00	ug/L
P5021-03	MW-10	Water	tert-Butylbenzene	0.34	J	0.17	1.00	ug/L
P5021-03	MW-10	Water	sec-Butylbenzene	0.33	J	0.17	1.00	ug/L
P5021-03	MW-10	Water	n-Butylbenzene	1.10		0.22	1.00	ug/L
P5021-03	MW-10	Water	Naphthalene	2.10		0.59	1.00	ug/L

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Voc :				4.47				
Total Concentration:				4.47				
Client ID:	MW-13							
P5021-05	MW-13	Water	Methyl tert-butyl Ether	2.20		0.16	1.00	ug/L
P5021-05	MW-13	Water	Benzene	15.3		0.16	1.00	ug/L
P5021-05	MW-13	Water	Toluene	0.68	J	0.18	1.00	ug/L
P5021-05	MW-13	Water	Ethyl Benzene	19.0		0.16	1.00	ug/L
P5021-05	MW-13	Water	m/p-Xylenes	3.60		0.31	2.00	ug/L
P5021-05	MW-13	Water	o-Xylene	4.40		0.14	1.00	ug/L
P5021-05	MW-13	Water	Isopropylbenzene	1.50		0.13	1.00	ug/L
P5021-05	MW-13	Water	n-propylbenzene	2.20		0.14	1.00	ug/L
P5021-05	MW-13	Water	1,3,5-Trimethylbenzene	0.35	J	0.18	1.00	ug/L
P5021-05	MW-13	Water	1,2,4-Trimethylbenzene	1.60		0.18	1.00	ug/L
P5021-05	MW-13	Water	n-Butylbenzene	0.52	J	0.22	1.00	ug/L
Total Voc :				51.4				
Total Concentration:				51.4				
Client ID:	MW-12							
P5021-06	MW-12	Water	Benzene	330	E	0.16	1.00	ug/L
P5021-06	MW-12	Water	Toluene	38.9		0.18	1.00	ug/L
P5021-06	MW-12	Water	Ethyl Benzene	760	E	0.16	1.00	ug/L
P5021-06	MW-12	Water	m/p-Xylenes	250		0.31	2.00	ug/L
P5021-06	MW-12	Water	o-Xylene	100		0.14	1.00	ug/L
P5021-06	MW-12	Water	Isopropylbenzene	23.1		0.13	1.00	ug/L
P5021-06	MW-12	Water	n-propylbenzene	51.9		0.14	1.00	ug/L
P5021-06	MW-12	Water	1,3,5-Trimethylbenzene	2.70		0.18	1.00	ug/L
P5021-06	MW-12	Water	1,2,4-Trimethylbenzene	450	E	0.18	1.00	ug/L
P5021-06	MW-12	Water	sec-Butylbenzene	2.90		0.17	1.00	ug/L
P5021-06	MW-12	Water	p-Isopropyltoluene	3.50		0.15	1.00	ug/L
P5021-06	MW-12	Water	n-Butylbenzene	4.80		0.22	1.00	ug/L
P5021-06	MW-12	Water	Naphthalene	250	E	0.59	1.00	ug/L
Total Voc :				2270				
Total Concentration:				2270				
Client ID:	MW-12DL							
P5021-06DL	MW-12DL	Water	Benzene	270	D	3.20	20.0	ug/L
P5021-06DL	MW-12DL	Water	Toluene	30.0	D	3.60	20.0	ug/L
P5021-06DL	MW-12DL	Water	Ethyl Benzene	580	D	3.20	20.0	ug/L
P5021-06DL	MW-12DL	Water	m/p-Xylenes	190	D	6.20	40.0	ug/L
P5021-06DL	MW-12DL	Water	o-Xylene	85.2	D	2.80	20.0	ug/L

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5021-06DL	MW-12DL	Water	Isopropylbenzene	18.6	JD	2.60	20.0	ug/L
P5021-06DL	MW-12DL	Water	n-propylbenzene	36.6	D	2.80	20.0	ug/L
P5021-06DL	MW-12DL	Water	1,2,4-Trimethylbenzene	350	D	3.60	20.0	ug/L
P5021-06DL	MW-12DL	Water	Naphthalene	180	D	11.8	20.0	ug/L
Total Voc :				1740				
Total Concentration:				1740				



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Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-06								
P5021-01	MW-06	WATER	Acenaphthene	11.800		0.83	5.1	ug/L
P5021-01	MW-06	WATER	Fluorene	5.200		0.98	5.1	ug/L
P5021-01	MW-06	WATER	Anthracene	2.700	J	1.1	5.1	ug/L
P5021-01	MW-06	WATER	Fluoranthene	8.900		1.3	5.1	ug/L
P5021-01	MW-06	WATER	Pyrene	6.800	Q	1.1	5.1	ug/L
Total Svoc :						35.40		
Total Concentration:						35.40		