Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

20L0421

Project Description

Calumet River Basin

For:

Dan Repay

Little Calumet River Basin Development Commission

900 Ridge Road, Suite H

Munster, IN 46321

Ron Misiunas

Managing Director

Wednesday, December 16, 2020

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Chicagoland. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

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CERTIFICATE OF ANALYSIS

20L0421

Little Calumet River Basin Development Commission

Dan Repay
900 Ridge Road, Suite H
Munster, IN 46321

Project Name: Calumet River Basin

Project / PO Number: N/A
Received: 12/07/2020
Reported: 12/16/2020

Sample Summary Report

Sample Name	Laboratory ID	Client Matrix	Sample Type	Sample Begin	Sample Taken	Lab Received
35th + Chase Natural Spring	20L0421-01	Aqueous			12/07/20 11:00	12/07/20 11:40

CERTIFICATE OF ANALYSIS

20L0421

Analytical Testing Parameters

Client Sample ID: 35th + Chase Natural Spring
Sample Matrix: Aqueous
Lab Sample ID: 20L0421-01 **Collection Date:** 12/07/2020 11:00

Inorganics Total	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
EPA 353.2 Rev 2.0/EPA 353.2, Rv. 2 (1993)								
Nitrogen, Nitrate-Nitrite (as N)	<0.10	0.10	mg/L	1		12/15/20 0855	12/15/20 1122	SCB
SM 4500-CN C/E 2016								
Cyanide, Total	<0.0050	0.0050	mg/L	1		12/15/20 2234	12/16/20 1048	ABG
SM 4500-F C-2011 MOD/SM 4500-F C-2011 MOD								
Fluoride	**0.10**	0.10	mg/L	1			12/10/20 1724	DAT

Metals Total by ICP	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
EPA 200.7, Rv. 4.4 (1994)								
Antimony	<0.020	0.020	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Arsenic	**0.013**	0.010	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Barium	**0.23**	0.0020	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Beryllium	<0.0010	0.0010	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Cadmium	<0.0020	0.0020	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Chromium	<0.0030	0.0030	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Nickel	<0.010	0.010	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Selenium	<0.030	0.030	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Sodium	**61**	0.50	mg/L	1		12/08/20 1005	12/08/20 1707	KMD
Thallium	<0.050	0.050	mg/L	1		12/08/20 1005	12/08/20 1707	KMD

Volatile Organic Compounds by GCMS	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
SW-846 8260B/EPA 624.1			**Method Notes:** A4					
1,1,1-Trichloroethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,1,2,2-Tetrachloroethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,1,2-Trichloroethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,1-Dichloroethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,1-Dichloroethene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,2-Dichlorobenzene	<10	10	ug/L	1			12/10/20 1817	JBS
1,2-Dichloroethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,2-Dichloropropane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
1,3-Dichlorobenzene	<10	10	ug/L	1			12/10/20 1817	JBS
1,4-Dichlorobenzene	<10	10	ug/L	1			12/10/20 1817	JBS
2-Chloroethyl vinyl ether	<10	10	ug/L	1	**Q11**		12/10/20 1817	JBS
2-Hexanone	<10	10	ug/L	1			12/10/20 1817	JBS
Acetone	<50	50	ug/L	1			12/10/20 1817	JBS
Benzene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Bromodichloromethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS

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Volatile Organic Compounds by GCMS	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
Bromoform	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Bromomethane	<10	10	ug/L	1			12/10/20 1817	JBS
Carbon Disulfide	<10	10	ug/L	1			12/10/20 1817	JBS
Carbon tetrachloride	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Chlorobenzene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Chloroethane	<10	10	ug/L	1			12/10/20 1817	JBS
Chloroform	<2.0	2.0	ug/L	1			12/10/20 1817	JBS
Chloromethane	<10	10	ug/L	1			12/10/20 1817	JBS
cis-1,3-Dichloropropene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Dibromochloromethane	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Ethylbenzene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
2-Butanone	<10	10	ug/L	1			12/10/20 1817	JBS
4-Methyl-2-pentanone	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Methylene chloride	<10	10	ug/L	1			12/10/20 1817	JBS
Methyl-t-Butyl Ether	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Tetrachloroethene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Toluene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
trans-1,2-Dichloroethene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
trans-1,3-Dichloropropene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Trichloroethene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Trichlorofluoromethane	<10	10	ug/L	1			12/10/20 1817	JBS
Vinyl Acetate	<10	10	ug/L	1			12/10/20 1817	JBS
Vinyl chloride	<2.0	2.0	ug/L	1			12/10/20 1817	JBS
Total 1,2-Dichloroethene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Total 1,3 Dichloropropene	<5.0	5.0	ug/L	1			12/10/20 1817	JBS
Surrogate: 1,2-Dichloroethane-D4	99.6	Limit: 80-120	% Rec	1			12/10/20 1817	JBS
Surrogate: 4-Bromofluorobenzene	93.6	Limit: 80-120	% Rec	1			12/10/20 1817	JBS
Surrogate: Dibromofluoromethane	99.5	Limit: 75.5-115.5	% Rec	1			12/10/20 1817	JBS
Surrogate: Toluene-D8	102	Limit: 80-120	% Rec	1			12/10/20 1817	JBS

Semivolatile Organic Compounds by GC/ECD	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
EPA 608.3 GC-ECD								
4,4´-DDD	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
4,4´-DDE	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
4,4´-DDT	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aldrin	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
alpha-BHC	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1016	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1221	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1232	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1242	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH

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Lab Sample ID: 20L0421-01 **Collection Date:** 12/07/2020 11:00

Semivolatile Organic Compounds by GC/ECD	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
Aroclor 1248	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1254	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1260	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1262	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Aroclor 1268	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
beta-BHC	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Chlordane	<10	10	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
delta-BHC	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Dieldrin	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endosulfan I	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endosulfan II	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endosulfan sulfate	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endrin	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endrin aldehyde	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Endrin Ketone	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
gamma-BHC	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Heptachlor	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Heptachlor epoxide	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Methoxychlor	<5.1	5.1	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Toxaphene	<10	10	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Total PCB's	<1.0	1.0	ug/L	1		12/11/20 0920	12/11/20 2116	JSH
Surrogate: Decachlorobiphenyl	80.0	Limit: 10-137	% Rec	1		12/11/20 0920	12/11/20 2116	JSH
Surrogate: Tetrachloro-m-xylene	50.0	Limit: 10-121	% Rec	1		12/11/20 0920	12/11/20 2116	JSH

Semivolatile Organic Compounds by GCMS	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
SW846 3510C/EPA 625.1								
1,2,4-Trichlorobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
1,2-Dichlorobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
1,2-Diphenylhydrazine	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
1,3-Dichlorobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
1,4-Dichlorobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,2´-oxybis(1-chloropropane)	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4,5-Trichlorophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4,6-Trichlorophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4-Dichlorophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4-Dimethylphenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4-Dinitrophenol	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,4-Dinitrotoluene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,6-Dichlorophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2,6-Dinitrotoluene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2-Chloronaphthalene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR

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20L0421

Client Sample ID: 35th + Chase Natural Spring
Sample Matrix: Aqueous
Lab Sample ID: 20L0421-01 **Collection Date:** 12/07/2020 11:00

Semivolatile Organic Compounds by GCMS	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
2-Chlorophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2-Methylnaphthalene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2-Methylphenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2-Nitroaniline	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
2-Nitrophenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
3,3´-Dichlorobenzidine	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
3/4-Methylphenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
3-Nitroaniline	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4,6-Dinitro-2-methylphenol	<25	25	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Bromophenyl phenyl ether	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Chloro-3-methylphenol	<20	20	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Chloroaniline	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Chlorophenyl phenyl ether	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Nitroaniline	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
4-Nitrophenol	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Acenaphthene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Acenaphthylene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Acetophenone	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Aniline	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Anthracene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzidine	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzo[a]anthracene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzo[a]pyrene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzo[b]fluoranthene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzo[g,h,i]perylene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzo[k]fluoranthene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzoic acid	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Benzyl alcohol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Bis(2-chloroethoxy)methane	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Bis(2-chloroethyl)ether	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Bis(2-ethylhexyl)phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Butyl benzyl phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Carbazole	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Chrysene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Dibenz[a,h]anthracene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Dibenzofuran	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Diethyl phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Dimethyl phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Di-n-butyl phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Di-n-octyl phthalate	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Fluoranthene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Fluorene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Hexachlorobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR

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Client Sample ID: 35th + Chase Natural Spring
Sample Matrix: Aqueous
Lab Sample ID: 20L0421-01 **Collection Date:** 12/07/2020 11:00

Semivolatile Organic Compounds by GCMS	Result	RL	Units	Dilution	Note	Prepared	Analyzed	Analyst
Hexachlorobutadiene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Hexachlorocyclopentadiene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Hexachloroethane	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Indeno[1,2,3cd]pyrene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Isophorone	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Naphthalene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Nitrobenzene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
N-Nitrosodimethylamine	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
N-Nitrosodi-n-propylamine	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
N-Nitrosodiphenylamine	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Pentachlorophenol	<50	50	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Phenanthrene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Phenol	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Pyrene	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Pyridine	<10	10	ug/L	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: 2,4,6-Tribromophenol	68.0	Limit: 47.8-138	% Rec	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: 2-Fluorobiphenyl	59.8	Limit: 10-110	% Rec	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: 2-Fluorophenol	34.6	Limit: 10-110	% Rec	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: Nitrobenzene-d5	58.6	Limit: 10-110	% Rec	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: Phenol-d5	24.7	Limit: 10-60.8	% Rec	1		12/08/20 0931	12/08/20 1507	CLR
Surrogate: Terphenyl-d14	71.3	Limit: 16.8-110	% Rec	1		12/08/20 0931	12/08/20 1507	CLR

Definitions

A4: Sample was received with head space.
mg/L: Milligrams per Liter
Q11: Analysis of 2-chloroethyl vinyl ether was performed from a sample that was field preserved to pH < 2 with HCl. Acid preservation is not allowed for this parameter by the test method or for NPDES compliance per 40CFR Part 136.
RL: Reporting Limit
ug/L: Micrograms per Liter
ug/mL: Micrograms per Milliliter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 0.8°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Report Comments

Reviewed and Approved By:

Ron Misiunas
Managing Director
ron.misiunas@microbac.com
12/16/2020 14:43

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

MICROBAC

CHAIN OF CUSTODY RECORD

Number 159366

Instructions on back

Lab Report Address

Client Name: Little Calumet River Basin Comm.
Address: 900 Ridge Road Suite H
City, State, Zip: Munster, In 46321
Contact: Dan Repay
Telephone No.: 219-712-3108

Invoice Address

Client Name:
Address:
City, State, Zip:
Contact:
Telephone No.:

Turnaround Time

☐ Routine (5 to 7 business days)
☐ RUSH* (notify lab)
(needed by)

Report Type

☐ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 0.8
Therm ID #IR1
Holding Time
Samples Received on Ice? ☑ Yes ☐ No ☐ N/A
Custody Seals Intact? ☐ Yes ☐ No ☑ N/A

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address) DRepay@LittleCalumetRiverBasin.org
Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:
Location:
PO No.:
Compliance Monitoring? ☐ Yes ☐ No
☐ Agency/Program

Sampled by (PRINT): Daniel Repay
Sampler Signature:
Sampler Phone No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

20L0421
Little Calumet River Basin Development Commission
Ron Misiunas
12/07/2020

REQUESTED ANALYSIS

Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	VOC	SVOC	PCB/Pest	IDC metals	GC	FC	Nitrate				Additional Notes
35th + Crase Natural Spring	12/7	11:00	9	Ag	6	4,1,4	✓	✓	✓	✓	✓	✓	✓				20L0421-01
	↓	↓															

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	12-7-20 - 11:40 am		
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
		Cary Podzala	12/7/20 11:40

rev.12/26/2017