

Midland Flow Core Inc., Lab Analysis

8.06.18

Ferrous Iron

	McC Campbell Analytical, Inc. <i>"When Quality Counts"</i>	1534 Willow Park Road, Elmhurst, CA 94545-1701 Toll Free Telephone: (877) 252-9242 / Fax: (925) 252-9249 http://www.mccampbell.com / E-mail: main@mccampbell.com
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Analytical Report

Client:	SRL Labs	WorkOrder:	1808194
Date Received:	8/6/18 12:50	Extraction Method:	SMB500-Fe B4c
Date Prepared:	8/10/18	Analytical Method:	SMB500-Fe B4c
Project:	FlowCore: Midland	Unit:	µg/L

Ferrous Iron

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Control	1808194-0011	Water	08/06/2018 09:42	SPECTROPHOTOMETER	163052
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Ferrous Iron	33,000		1000	20	08/10/2018 12:02

Analyst(s): RB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Process 1	1808194-0021	Water	08/06/2018 10:24	SPECTROPHOTOMETER	163052
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Ferrous Iron	200		50	1	08/10/2018 12:04

Analyst(s): RB

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Gasoline Range (C6 – C12) Volatile Hydrocarbons, (BTEX & MTBE)

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Analytical Report

Client:	SRL Labs	WorkOrder:	1808194
Date Received:	8/6/18 12:50	Extraction Method:	SW5030B
Date Prepared:	8/8/18-8/9/18	Analytical Method:	SW8021B/8015Bm
Project:	FlowCore: Midland	Unit:	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Control	1808194-001F	Water	08/06/2018 09:42	GC3 08081812.D	162972
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	14,000		500	10	08.08/2018 14:26
MTBE	---		50	10	08.08/2018 14:26
Benzene	---		5.0	10	08.08/2018 14:26
Toluene	---		5.0	10	08.08/2018 14:26
Ethylbenzene	---		5.0	10	08.08/2018 14:26
m,p-Xylene	---		10	10	08.08/2018 14:26
o-Xylene	---		5.0	10	08.08/2018 14:26
Xylenes	---		5.0	10	08.08/2018 14:26
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
aaa-TFT	89	S	90-117		08.08/2018 14:26
<u>Analyst(s):</u>	HD		<u>Analytical Comments:</u>	d7,d1,p12,b6	
Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Process 1	1808194-002F	Water	08/06/2018 10:24	GC3 08091830.D	163055
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH(g) (C6-C12)	3000		500	10	08.09/2018 23:10
MTBE	---		50	10	08.09/2018 23:10
Benzene	---		5.0	10	08.09/2018 23:10
Toluene	---		5.0	10	08.09/2018 23:10
Ethylbenzene	---		5.0	10	08.09/2018 23:10
m,p-Xylene	---		10	10	08.09/2018 23:10
o-Xylene	---		5.0	10	08.09/2018 23:10
Xylenes	---		5.0	10	08.09/2018 23:10
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
aaa-TFT	99		90-117		08.09/2018 23:10
<u>Analyst(s):</u>	HD		<u>Analytical Comments:</u>	d7,d1	

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Total Extractable Petroleum Hydrocarbons

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Analytical Report

Client: SRL Labs
Date Received: 8/6/18 12:50
Date Prepared: 8/6/18
Project: FlowCore: Midland

WorkOrder: 1808194
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Control	1808194-001F	Water	08/06/2018 09:42	GC39A 08071814.D	162765
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	26,000		1000	20	08.07/2018 19:01
TPH-Motor Oil (C18-C36)	22,000		5000	20	08.07/2018 19:01
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
C9	262	S	61-139		08.07/2018 19:01
<u>Analyst(s):</u> JIS	<u>Analytical Comments:</u> e1,e7,e8,e4,c2				

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Process 1	1808194-002F	Water	08/06/2018 10:24	GC6A 08061854.D	162765
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	9900		500	10	08.07/2018 03:10
TPH-Motor Oil (C18-C36)	9800		2500	10	08.07/2018 03:10
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	136		61-139		08.07/2018 03:10
<u>Analyst(s):</u> JIS	<u>Analytical Comments:</u> e2,e7,e8				

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Total Suspended Solids

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	Analytical Report	

Client:	SRL Labs	WorkOrder:	1808194
Date Received:	8/6/18 12:50	Extraction Method:	SM2540 D-1997
Date Prepared:	8/7/18	Analytical Method:	SM2540 D-1997
Project:	FlowCore: Midland	Unit:	mg/L

Total Suspended Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Control	1808194-001C	Water	08/06/2018 09:42	Wet Chem	162849
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Suspended Solids	302		10.0	10	08.07/2018 15:35

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Proce II 1	1808194-002C	Water	08/06/2018 10:24	Wet Chem	162849
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Suspended Solids	113		5.00	5	08.07/2018 15:46

Analyst(s): AL