

19C1066

**KCI Technologies** 

**Project Name: Libson Elementary School** 

Tehsin Aurangabadwala 936 Ridgebrook Road Sparks, MD 21152 Project / PO Number: N/A Received: 03/19/2019 Reported: 03/28/2019

Analytical Te	etina Dar	amotore

Client Sample ID:	LIES 2 DF/C		
Sample Matrix:	Drinking Water	Collected By:	Jeffrey Klenk
Lab Sample ID:	19C1066-01	<b>Collection Date:</b>	03/14/2019 5:29

Metals, Total by EPA 200 Series	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Methods								
Method: EPA 200.2/EPA 200.8								
Lead	1.0	20.0	1.0	ppb		03/22/19 1009	03/27/19 1347	GHW

Client Sample ID:	LIES 3F CC/B		
Sample Matrix:	Drinking Water	Collected By:	Jeffrey Klenk
Lab Sample ID:	19C1066-02	Collection Date:	03/14/2019 5:29

Metals, Total by EPA 200 Series  Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	61.1	20.0	1.0	daa		03/22/19 1009	03/27/19 1348	GHW

Client Sample ID:	LIES 4 DF/C		
Sample Matrix:	Drinking Water	Collected By:	Jeffrey Klenk
Lab Sample ID:	19C1066-03	Collection Date:	03/14/2019 5:29

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		03/22/19 1009	03/27/19 1357	GHW

Client Sample ID:	LIES 5 DF/C		
Sample Matrix:	Drinking Water	Collected By:	Jeffrey Klenk
Lab Sample ID:	19C1066-04	Collection Date:	03/14/2019 5:29

Metals, Total by EPA 200 Series	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Methods								
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		03/22/19 1009	03/27/19 1401	GHW
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Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 6F CC/B Drinking Water 19C1066-05					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analyst
Method: EPA 200.2/El	PA 200.8								
Lead		<1.0	20.0	1.0	ppb	03/22/1	9 1009	03/27/19 1402	GHW
Client Sample ID:	LIES 7F CC/B								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-06					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analysi
Method: EPA 200.2/El Lead	PA 200.8	1.3	20.0	1.0	ppb	03/22/1	9 1009	03/27/19 1403	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 8F CC/B Drinking Water 19C1066-07					Collected By:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	1.5	20.0	1.0	ppb	03/22/1	9 1009	03/27/19 1407	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 9F CC/B Drinking Water 19C1066-08					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analyst
Method: EPA 200.2/El	PA 200.8	5.6	20.0	1.0	ppb	03/22/1	9 1009	03/27/19 1409	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 10 DF/C Drinking Water 19C1066-09					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA 2 Methods	200 Series	Result	Limit(s)	RL	Units	Note Pre	oared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1410	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 12 DF/C Drinking Water 19C1066-10					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1412	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 20 DF/C Drinking Water 19C1066-11					Collected By:		ey Klenk 4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El	PA 200.8	<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1413	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 26 DF/C Drinking Water 19C1066-12					Collected By: Collection Date:		ey Klenk 4/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Pre	oared	Analyzed	Analyst
Method: EPA 200.2/EI	PA 200.8	<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1414	GHW



Client Sample ID: Sample Matrix:	LIES 33 DF/C Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-13					Collection Date:	03/14	4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1416	GHW
Client Sample ID:	LIES 39F CC/B								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-14					Collection Date:	03/14	4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El	PA 200.8								
Lead		<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1420	GHW
Client Sample ID:	LIES 40F CC/B								
Sample Matrix:	Drinking Water					Collected By:		ey Klenk	
Lab Sample ID:	19C1066-15					Collection Date:	03/14	4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/EI	PA 200.8								
Lead		<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1424	GHW
Client Sample ID:	LIES 41 DF/C								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-16					Collection Date:	03/14	4/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/EI	PA 200.8								
Lead		<1.0	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1425	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 1 KS Drinking Water 19C1066-17					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA 2 Methods	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	7.3	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1426	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 3S CC/S Drinking Water 19C1066-18					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	1.8	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1428	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 6S CC/S Drinking Water 19C1066-19					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	1.4	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1429	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 7S CC/S Drinking Water 19C1066-20					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analyst
Method: EPA 200.2/EI	PA 200.8	1.7	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1431	GHW



Client Sample ID:	LIES 8S CC/S								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-21					Collection Date:	03/1	5/2019 5:29	
Metals, Total by EPA 200 Series Methods		Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/E	PA 200.8								
Lead		1.3	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1432	GHW
Client Sample ID:	LIES 9S CC/S								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-22					Collection Date:	03/1	5/2019 5:29	
Metals, Total by EPA Methods	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/E	PA 200.8								
Lead		1.9	20.0	1.0	ppb	03/22/	19 1009	03/27/19 1433	GHW
Client Sample ID:	LIES 11 CR								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-23					Collection Date:	03/1	5/2019 5:29	
Metals, Total by EPA Methods	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/E	PA 200.8								
Lead		2.1	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1440	GHW
Client Sample ID:	LIES 13 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-24					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA Methods	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/E	PA 200.8								
Lead		1.5	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1444	GHW



Client Sample ID:	LIES 14 CR								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-25					Collection Date:	03/15	5/2019 5:29	
Metals, Total by EPA 200 Series Methods		Result	Limit(s)	RL	Units	Note Prep	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		2.5	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1445	GHW
Client Sample ID:	LIES 15 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-26					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		1.7	20.0	1.0	ppb	03/22/ <sup>-</sup>	19 1018	03/27/19 1447	GHW
Client Sample ID:	LIES 16 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-27					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA :	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		1.7	20.0	1.0	ppb	03/22/ <sup>-</sup>	19 1018	03/27/19 1448	GHW
Client Sample ID:	LIES 17 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-28					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Prep	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		1.8	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1450	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 18 CR Drinking Water 19C1066-29					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep		Analyzed	Analys
Method: EPA 200.2/El	PA 200.8	<1.0	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1454	GHW
Client Sample ID:	LIES 19 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-30					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El	PA 200.8	0.0	00.0	4.0					
Lead		2.2	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1455	GHW
Client Sample ID:	LIES 21 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-31					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analysi
Method: EPA 200.2/EI	PA 200.8								
Lead		1.4	20.0	1.0	ppb	03/22/19	9 1018	03/27/19 1456	GHW
Client Sample ID:	LIES 22 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-32					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El	PA 200.8								
Lead		2.2	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1458	GHW



Client Sample ID:	LIES 23 CR								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-33					Collection Date:	03/15	5/2019 5:29	
Metals, Total by EPA 200 Series Methods		Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		2.7	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1459	GHW
Client Sample ID:	LIES 24 CR								
Sample Matrix:	<b>Drinking Water</b>					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-34					Collection Date:	03/15	5/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		2.2	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1503	GHW
Client Sample ID:	LIES 25 CR								
Sample Matrix:	<b>Drinking Water</b>					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-35					Collection Date:	03/15	5/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		3.0	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1505	GHW
Client Sample ID:	LIES 28 CR								
Sample Matrix:	Drinking Water					Collected By:	Jeffre	ey Klenk	
Lab Sample ID:	19C1066-36					Collection Date:	03/15	5/2019 5:29	
Metals, Total by EPA 2	200 Series	Result	Limit(s)	RL	Units	Note Pre	pared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		1.8	20.0	1.0	ppb	03/22/	19 1018	03/27/19 1506	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 29 CR Drinking Water 19C1066-37					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA 200 Series Methods		Result	Limit(s)	RL	Units	Note Prep		Analyzed	Analys
Method: EPA 200.2/El	PA 200.8	1.8	20.0	1.0	nnh	03/22/1:	0 1019	03/27/19 1510	CLIM
Leau		1.0	20.0	1.0	ppb	03/22/1	9 1016	03/27/19 1310	GHW
Client Sample ID:	LIES 30 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-38					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El Lead	PA 200.8	2.4	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1511	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 31 OT.7 Drinking Water 19C1066-39					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/EI	PA 200.8								
Lead		5.7	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1513	GHW
Client Sample ID:	LIES 32 CR								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-40					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El	PA 200.8	-11.0	20.0	1.0		00/00/4	2 4040	00/07/40 4511	O. I. I.
Lead		<1.0	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1514	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 34 CR Drinking Water 19C1066-41					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El Lead	PA 200.8	1.3	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1516	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 35 CR Drinking Water 19C1066-42					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analyst
Method: EPA 200.2/El Lead	PA 200.8	1.9	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1517	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 36 CR Drinking Water 19C1066-43					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analysi
Method: EPA 200.2/El Lead	PA 200.8	1.7	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1521	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 37 CR Drinking Water 19C1066-44					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analyst
Method: EPA 200.2/El	PA 200.8	1.8	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1528	GHW



Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 38 CR Drinking Water 19C1066-45					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/E	PA 200.8								
Lead		1.6	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1529	GHW
Client Sample ID:	LIES 39S CC/S								
Sample Matrix: Lab Sample ID:	Drinking Water 19C1066-46					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El Lead	PA 200.8	1.7	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1531	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 40S CC/S Drinking Water 19C1066-47					Collected By:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El Lead	PA 200.8	1.5	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1532	GHW
Client Sample ID: Sample Matrix: Lab Sample ID:	LIES 42S NO Drinking Water 19C1066-48					Collected By: Collection Date:		ey Klenk 5/2019 5:29	
Metals, Total by EPA	200 Series	Result	Limit(s)	RL	Units	Note Prep	ared	Analyzed	Analys
Method: EPA 200.2/El	PA 200.8	1.2	20.0	1.0	ppb	03/22/1	9 1018	03/27/19 1533	GHW



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Client Sample ID: LIES 43 TL
Sample Matrix: Drinking Water

19C1066-49

Lab Sample ID:

Collected By: Jeffrey Klenk

Collection Date: 03/15/2019 5:29

Metals, Total by EPA 200 Series Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Methods Method: EPA 200.2/EPA 200.8 Lead 2.7 20.0 1.0 ppb 03/22/19 1018 03/27/19 1535 **GHW** 

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

**Definitions** 

RL: Reporting Limit

**Report Comments** 

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.

Reviewed and Approved By:

Deemfiele

Megan Greenfield

Customer Relationship Coordinator Reported: 03/28/2019 12:39