



8612 Eagle Creek Parkway, Savage, MN 55378

Tel: (952) 746-5880 ♦ Fax: (952) 746-5882

Mailbox@FieldConsultingInc.com

www.FieldConsultingInc.com

Independent School District #197
1897 Delaware Avenue
Mendota Heights, MN 55118
Attn: Mr. Mark Fenton

RE: Lead in Drinking Water Sampling
SITE: Somerset Elementary
DATE: December 2018

Dear Mark Fenton,

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) appreciates the opportunity to provide results for lead in drinking water sampling conducted at Somerset Elementary.

Initial sampling ("first draw") was completed on Thursday, October 4, 2018. Results indicated six (6) fixtures above the action level of 20 ppb (or µg/L). Provided with verbal results on October 23, 2018, ISD #197 Operations Department cleaned aerators for these six (6) taps. After aerator cleaning was completed, FIELD ENVIRONMENTAL re-sampled these identified taps on Friday, November 16, 2018. Four(4) out of the six (6) re-sampled water outlets had lead levels that were below the action level and therefore no additional mitigation efforts were warranted.

Two (2) water outlets continued to have elevated lead in water concentrations; sink faucet within classroom 15 ECSE and sink faucet within classroom 101. However, 30-second flush samples were well below 20 ppb for these rooms. Therefore, flushing the water, prior to consumption is an allowable method to reduce lead concentration. These identified taps were labeled "flush water prior to consumption."

Analysis was conducted by Pace Analytical Services, Inc. of Minneapolis, Minnesota using EPA Method 200.8 ICPMS for determination of trace elements in drinking water.

PREPARED and REVIEWED BY:

Field Environmental Consulting, Inc.

Amy Weinzierl (CSP #27824)

Environmental Health and Safety Manager

amy@fieldconsultinginc.com

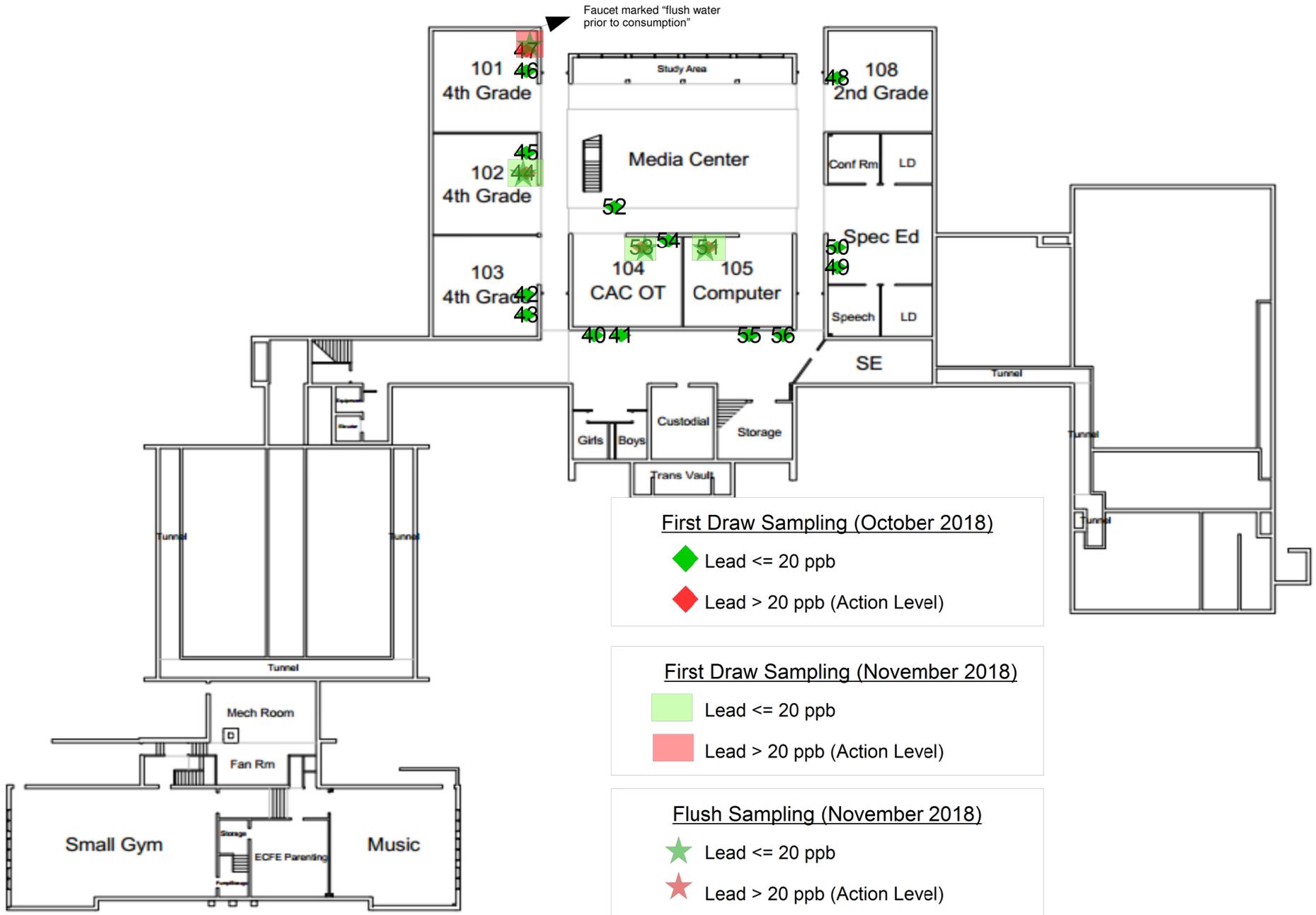
952-746-5880

School Name: **Somerset Elementary (SOM)**

Date: **10/4/2018 & 11/16/18**

Floor	Room Number	Location	Sample ID	Type DF = Drinking Fountain S = Sink WC = Water Cooler BF = Bottle Filler K=Kettle	Lead Result 10/5/18 (ppb)	Lead Result 11/16/18 (ppb)	Lead Result 30 Sec Flush 11/16/18 (ppb)
First	212B	Kitchen	1	S	4.4	-	-
First	212B	Kitchen	2	K	0.99	-	-
First	212B	Kitchen	3	S	1.4	-	-
First	212B	Kitchen	4	S	4.7	-	-
First	-	Hallway	5	WC	ND	-	-
First	-	Hallway	6	BF	ND	-	-
First	201	Staff	7	S	1.2	-	-
First	-	Nurse	8	S	0.6	-	-
First	-	Hallway	9	WC	ND	-	-
First	-	Hallway	10	BF	ND	-	-
First	206	Classroom	11	S	15.9	-	-
First	206	Classroom	12	DF	2.4	-	-
First	205	Classroom	13	S	18.7	-	-
First	205	Classroom	14	DF	1	-	-
First	204	Classroom	15	S	15.4	-	-
First	204	Classroom	16	DF	3.3	-	-
First	-	Balcony	17	S	49.9	16	2.5
First	201	Classroom	18	S	7.6	-	-
First	201	Classroom	19	DF	1.4	-	-
First	202	Classroom	20	S	18.4	-	-
First	202	Classroom	21	DF	1.3	-	-
First	203	Classroom	22	S	6.4	-	-
First	203	Classroom	23	DF	1.3	-	-
First	-	Hallway	24	WC	0.26	-	-
First	-	Hallway	25	WC	0.14	-	-
First	200	Classroom	26	S	0.33	-	-
First	17	Classroom	27	WC	1.7	-	-
First	17	Classroom	28	S	2.6	-	-
First	15	Classroom	29	WC	1.7	-	-
First	15	Classroom	30	S	6.7	-	-
First	15	Classroom	31	S	20.6	93	1.1
First	14	Classroom	32	WC	3.2	-	-
First	14	Classroom	33	S	5.7	-	-
First	16	Classroom	34	WC	4.4	-	-
First	16	Classroom	35	S	2.6	-	-
First	1	Classroom	36	WC	0.59	-	-
First	1	Classroom	37	S	1.6	-	-
First	2	Classroom	38	S	0.33	-	-
First	-	Kindergarten Hallway	39	WC	0.16	-	-
Lower Level	-	Hallway	40	WC	0.3	-	-
Lower Level	-	Hallway	41	WC	0.4	-	-
Lower Level	103	Classroom	42	S	16.4	-	-
Lower Level	103	Classroom	43	DF	3.1	-	-
Lower Level	102	Classroom	44	S	27.6	13.2	ND
Lower Level	102	Classroom	45	DF	3.7	-	-
Lower Level	101	Classroom	46	DF	7.2	-	-
Lower Level	101	Classroom	47	S	247	59.4	1.5
Lower Level	107	Classroom	48	S	12.6	-	-
Lower Level	106	Classroom	49	S	17	-	-
Lower Level	106	Classroom	50	DF	0.62	-	-
Lower Level	105	Classroom	51	S	39.1	14.9	ND
Lower Level	-	Media Center	52	S	7.1	-	-
Lower Level	104	Classroom	53	S	43.7	10.8	ND

Somerset Elementary School
 Lower Level
 Lead in Drinking Water
 Project # 19010



Somerset Elementary School
 Upper Level
 Lead in Drinking Water
 Project # 19010

