

February 25, 2019

Robert Morgenstein
Principal (Interim)
Mann Middle School
4345 54th Street
San Diego, CA 92115

Subject: Mann MS Drinking Water Project Closeout

Dear Mr. Morgenstein:

The following information is provided as a project closeout report for the recent drinking water lead remediation work at the Mann MS campus.

As part of a district wide effort the Physical Plant Operations (PPO) staff began testing all drinking water outlets at Mann MS for elevated levels of lead. PPO staff first identified all drinking water outlets and tagged them with a blue label. Safety Office staff then collected water samples from each drinking water outlet and delivered the samples to a state certified laboratory for analysis. The federal EPA standard for lead in drinking water is 15 parts per billion (ppb); however, the district standard is much more stringent at 5 ppb. Drinking water fixtures that measured above the district standard were tagged "out of service" while remedial actions took place.

The attached report shows that some drinking water fixtures required remedial action in order to meet the district's strict standard of 5 ppb. Once the remedial action was completed, a re-test was conducted to confirm the remedial action was successful. All site repairs are now complete, please see the attached sampling log for more information. This project is considered closed.

Now that all drinking water outlets on the Mann MS campus meet the district's lead standard of 5 ppb, your campus is now cleared from the district's daily water flushing requirement. Instead, please instruct staff to flush all drinking water outlets marked with a blue sticker for one minute in the morning of the first day of school each week, rather than every morning. Please let me know if you have any questions.

Sincerely,

Steven J. Ditto
Manager, Facilities Planning



SAN DIEGO UNIFIED SCHOOL DISTRICT DRINKING WATER SAMPLING REPORT

Facility: Mann MS

Report Type: Close Out Report

Date of Report: 02/25/19

Location	DWO No	Type	Initial Result*	Action Taken**	Clearance Result
1 100 Admin - Mann_01-06 Common Area/Hallway - HAL1, West Hallway	DWO-312-001	Drinking Fountain Bubblers	5.80	FLTR	ND
2 100 Admin - Mann_01-06 Faculty Workroom - WRK1, West Wall	DWO-312-002	Faucet	13.00	FLTR	ND
3 100 Admin - Mann_01-06 Nurse Office - 108A,	DWO-312-003	Faucet	9.00	FLTR	ND
4 100 Admin - Mann_01-06 Building Exterior, East Exterior, Left Fixture	DWO-312-004	Drinking Fountain Bubblers	<5	INIT	
5 100 Admin - Mann_01-06 Building Exterior, East Exterior, 2Nd From Left Fixture	DWO-312-005	Drinking Fountain Bubblers	4.10	INIT	
6 100 Admin - Mann_01-06 Building Exterior, East Exterior, 3Rd From Left Fixture	DWO-312-006	Drinking Fountain Bubblers	2.00	RMOV	
7 100 Admin - Mann_01-06 Building Exterior, East Exterior, Far Right Fixture	DWO-312-007	Drinking Fountain Bubblers	20.00	RMOV	
8 200 Clssrm/Library/P.E. Girls - Mann_01-02 Common Area/Hallway - HAL2, West End Of Hall Across	DWO-312-008	Drinking Fountain Bubblers	5.80	FLTR	ND
9 200 Clssrm/Lib/P.E. Girls - Mann_01-02 Faculty Workroom - WRK1, Lib Work Rm, West Wall	DWO-312-009	Faucet	9.70	RMOV	
10 200 Clssrm/Library/P.E. Girls - Mann_01-02 Classroom/Non-Standard - 205, East Wall Right Sink	DWO-312-010	Faucet	8.40	FLTR	4.25
11 200 Clssrm/Library/P.E. Girls - Mann_01-02 Classroom/Non-Standard - 208, Se Corner Sink	DWO-312-011	Faucet	13.00	FLTR	ND
12 200 Clssrm/Library/P.E. Girls - Mann_01-02 Classroom/Non-Standard - 208, Teachers Island Sink	DWO-312-012	Faucet	11.00	FLTR	2.74
13 200 Clssrm/Library/P.E. Girls - Mann_01-02 Lounge,	DWO-312-013	Faucet	15.00	FLTR	ND
14 200 Clssrm/Library/P.E. Girls - Mann_01-02 Classroom/Non-Standard - 206,	DWO-312-014	Drinking Fountain Bubblers	2.80	INIT	
15 200 Clssrm/Library/P.E. Girls - Mann_01-02 Exercise Rm, Removed From Service	DWO-312-015	Drinking Fountain Bubblers	16.00	RMOV	
16 200 Clssrm/Library/P.E. Girls - Mann_01-02 Locker Girls, West Wall Of Locker Room	DWO-312-016	Drinking Fountain Bubblers	5.00	INIT	



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17	600 Clssrm/Elevator - Mann_04-15 Hallway between Restrooms, Left Bubblers	DWO-312-017	Drinking Fountain Bubblers	0.81	INIT	
18	600 Clssrm/Elevator - Mann_04-15 Hallway between Restrooms, Middle Bubblers	DWO-312-018	Drinking Fountain Bubblers	<5	INIT	
19	600 Clssrm/Elevator - Mann_04-15 Hallway between Restrooms, Right Bubblers	DWO-312-019	Drinking Fountain Bubblers	0.48	INIT	
20	600 Clssrm/Elevator - Mann_04-15 Hallway 1st floor, Left Bubblers By Rm 604	DWO-312-020	Drinking Fountain Bubblers	1.40	INT	
21	600 Clssrm/Elevator - Mann_04-15 Hallway 1st floor, Right Bubblers By Rm 604	DWO-312-021	Drinking Fountain Bubblers	2.80	INIT	
22	600 Clssrm/Elevator - Mann_04-15 Hallway 2nd floor, Left Bubblers By Rm 656	DWO-312-022	Drinking Fountain Bubblers	4.30	INIT	
23	600 Clssrm/Elevator - Mann_04-15 Hallway 2nd floor, Middle Bubblers By Rm 656	DWO-312-023	Drinking Fountain Bubblers	2.80	INIT	
24	600 Clssrm/Elevator - Mann_04-15 Hallway 2nd floor, Right Bubblers By Rm 656	DWO-312-024	Drinking Fountain Bubblers	1.40	INIT	
25	600 Clssrm/Elevator - Mann_04-15 Prep Rm - 651A, North Wall	DWO-312-025	Faucet	9.70	RMOV	
26	P.E./Locker Rm Boys - Mann Building Exterior, South Exterior, Left Bubblers	DWO-312-026	Drinking Fountain Bubblers	3.90	INIT	
27	P.E./Locker Rm Boys - Mann Building Exterior, South Exterior, Right Bubblers	DWO-312-027	Drinking Fountain Bubblers	6.00	FLTR	2.57
28	P.E./Locker Rm Boys - Mann Exercise Room - PEA1, North Wall	DWO-312-028	Drinking Fountain Bubblers	1.90	INIT	
29	P.E./Locker Rm Boys - Mann Office in Locker Rm, North Wall	DWO-312-029	Faucet	14.40	RMOV	
30	P.E./Locker Rm Boys - Mann Locker Boys, East Wall By Coaches Office	DWO-312-030	Drinking Fountain Bubblers	4.60	INIT	
31	400 Clssrm - Mann Common Area/Hallway - HAL1, Across Hall From Rm 411	DWO-312-031	Drinking Fountain Bubblers	0.74	INIT	
32	400 Clssrm - Mann Classroom - 410A, West Wall	DWO-312-032	Drinking Fountain Bubblers	21.80	FLTR	2.97



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33	400 Clssrm - Mann Classroom/Non-Standard - 409, East Wall	DWO-312-033	Faucet	2.00	INIT	
34	Removed from Service	DWO-312-034	#N/A	NA	RMOV	
35	Removed from Service	DWO-312-035	#N/A	6.98	RMOV	
36	Removed from Service	DWO-312-036	#N/A	NA	RMOV	
37	Removed from Service	DWO-312-037	#N/A	17.00	RMOV	
38	Removed from Service	DWO-312-038	#N/A	7.80	RMOV	
39	Removed from Service	DWO-312-039	#N/A	5.70	RMOV	
40	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Food Services/Dining Area - DIS1, South Wall Left Bubblers	DWO-312-040	Drinking Fountain Bubblers	2.54	INIT	
41	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Food Services/Dining Area - DIS1, South Wall Right	DWO-312-041	Drinking Fountain Bubblers	3.14	INIT	
42	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Food Services/Serving Lines - FSV2, North Wall	DWO-312-042	Faucet	7.86	FLTR	2.65
43	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Food Services/Dining Area - FSK2, South Wall Of Salad	DWO-312-043	Faucet	1.30	INIT	
44	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Common Area/Hallway - HAL2, South Wall Across From	DWO-312-044	Drinking Fountain Bubblers	7.20	FLTR	2.6
45	Removed from Service	DW0-312-045	#N/A	NA	RMOV	
46	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Common Area/Hallway - HAL1, West End Of Hall By Room	DWO-312-046	Drinking Fountain Bubblers	9.31	FLTR	ND
47	300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Classroom/Non-Standard - 301, West Wall (Removed)	DWO-312-047	Drinking Fountain Bubblers	NA	RMOV	
48	Aud - Mann_02-10 Hallway - HAL1, East Wall Of Hall, By Janitor Room	DWO-312-048	Drinking Fountain Bubblers	1.80	INIT	



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49 Aud - Mann_02-10 Lobby - FOY1, North Wall By West Door To Aud	DWO-312-049	Drinking Fountain Bubbler	1.50	INIT	
50 300 Classrooms/Cafeteria/Kitchen/Supply - Mann_01-05 Food Services/Kitchen - FSK1, North Wall Of Kitchen	DWO-312-050	Faucet	<5	INIT	
51 100 Admin - Mann_01-06 Nurse Office - 108B, Sink	DWO-312-051	Faucet	7.80	FLTR	ND
52 400 Clssrm - Mann Classroom - 410A, West Wall (Share Filter With DWO 032)	DWO-312-052	Faucet	8.20	FLTR	2.69
53 300 Clssrm/Cafeteria/Kitchen/Supply - Mann_01-05 Science Area - 305A, West Wall	DWO-312-053	Faucet	ND	INIT	
54 600 Clssrm/Elevator - Mann_04-15 Workroom - 653A, North Wall (Removed From Service)	DWO-312-054	Faucet	31.00	RMOV	

*Action levels and color indication

Federal action level is above 15ppb (parts per billion). SDUSD uses an action level that is stricter and includes anything above 5 PPB. Items indicated in green are below District action level. Items indicated in yellow are above District action level. Items indicated in red are above both District and Federal action levels. Green indicates no action needed. Red/Yellow indicates action needed.

**Clearance actions

INIT=Inital result cleared no action needed. FLTR=Filter has been installed. PLMB=Plumbing work performed. RRC=Repeat and repeat-confirmation testing has been performed and both samples yielded results below District action level. RMOV=The drinking water outlet has been removed from service.