



June 15, 2017

Ms. Amanda Hammond-Williams
Principal
Birney Elementary School
4345 Campus Avenue
San Diego, CA 92103

Subject: Update on Water Quality Investigation & Release of Buildings for Normal Use

Dear Ms. Hammond-Williams:

The following information is provided as an update on the ongoing water quality investigation and remediation work at Birney Elementary school. After a review of water sampling results provided by the City of San Diego and Environmatrix, an independent accredit laboratory, the district's Physical Plant Operations experts have recommended a return to normal operations at the Cafeteria, the 800 Building, and the Kindergarten classrooms.

On May 2nd the city's Public Utilities staff collected five water samples from your school and analyzed them for the presence of lead. The result produced by the sample drawn at an exterior fountain in the cafeteria building indicated lead in the water exceeded the action levels established by the State Water Resources Control Board via the Department of Drinking Water. Upon receipt of the results report, plumbers were quickly dispatched to secure the water to all fountains on campus and to provide bottled water and water drinking stations to the campus.

District plumbing staff conducted remediation work including the replacement of piping, valves, fittings and associated plumbing parts. Ultimately new plumbing was run from the front of school to feed all water outlets in the auditorium.

During the course of the investigation and remediation activities in an around the cafeteria, additional samples were taken to identify and isolate potential sources of the elevated lead levels. Upon completion of the remediation work in the cafeteria, the city and district safety office staff returned to resample the area previously identified as having elevated levels of lead as well as other areas in these buildings.

Post remediation sample results for the cafeteria building indicate that the remediation activities were effective. Additional sampling conducted in the kindergarten & 800 buildings were well below the action level of 15 parts per billion. For these reasons, district staff recommend a return to normal operations in these buildings. The results from samples taken in the buildings proposed for release to normal activities are detailed in the attached sample log.

We continue to investigate the plumbing systems for the 200, 300, & portable classrooms and are therefore recommending that these buildings remain on bottled water until remediation activities occur and sampling results indicate that lead levels have decreased.

If you have any questions or concerns regarding this please contact me.

Sincerely,

Glenn C. Boogren
Manager; Safety, Training, Personnel, & Environmental Compliance

Birney Elementary Campus Water Sampling Data

Location	Sample Date	Test -Results	By	Notes
Cafe NE Exterior hose bibb	12-May	15	In house/Hach Colorimeter	Investigatory field samples
Cafe NE Exterior hose bibb	12-May	29	In house/Enviromatrix	Investigatory samples
Cafe NE Exterior hose bibb	24-May	9	In house/Enviromatrix	No further action - Hose bibb removed, new install at fountain
Café near lunch court. exterior wall mount-upper right fountain	2-May	19	City	Intitial City Sampling
Café near lunch court. exterior wall mount-upper right fountain	17-May	26	In house/Hach Colorimeter	Investigatory field samples
Café near lunch court. exterior wall mount-upper right fountain	17-May	98	In house/Enviromatrix	Investigatory samples
Café near lunch court. exterior wall mount-upper right fountain	22-May	6	In house/Enviromatrix	Investigatory samples
Café near lunch court. exterior wall mount-upper right fountain	22-May	<5	In house/Hach Colorimeter	Investigatory field samples
Café near lunch court. exterior wall mount-upper right fountain	2-Jun	<5 (VERBAL)	City	City CLEARANCE - no further action
Kitchen Sink(middle/Prep)	12-May	<5	In house/Hach Colorimeter	Initial draw plus conscutive samples (250 ML) investigatory samples
Kitchen Sink(middle/Prep)	12-May	<5	In house/Hach Colorimeter	Second conscutive samples (250 ML) investigatory samples
Kitchen Sink(middle/Prep)	12-May	<5	In house/Hach Colorimeter	Third conscutive samples (250 ML) investigatory samples
Kitchen Sink(middle/Prep)	12-May	<5	In house/Hach Colorimeter	Fourth conscutive samples (250 ML) investigatory samples
Kitchen Sink(middle/Prep)	22-May	5	In house/Hach Colorimeter	Investigatory field samples
Kitchen Sink(middle/Prep)	24-May	6	In house/Enviromatrix	No further action
Kitchen sink 3 compartment	18-May	5	In house/Hach Colorimeter	Investigatory field samples
Kitchen sink 3 compartment	22-May	7	In house/Hach Colorimeter	Investigatory field samples
Kitchen sink 3 compartment	24-May	8	In house/Enviromatrix	No further action - sink used for dish washing
Kitchen sink Left/SE corner	22-May	<5	In house/Hach Colorimeter	Investigatory field samples
Kitchen sink Left/SE corner	24-May	5	In house/Enviromatrix	No further action
Preschool Court Fountain	24-May	ND	In house/Enviromatrix	No further action
Room 821 Fountain	24-May	ND	In house/Enviromatrix	No further action
Room 823 Fountain	24-May	ND	In house/Enviromatrix	No further action
Room 825 Fountain	24-May	5	In house/Enviromatrix	No further action
Room 826 Fountain	24-May	ND	In house/Enviromatrix	No further action
Room 828 Fountain	24-May	ND	In house/Enviromatrix	No further action
Room 830 Fountain	24-May	ND	In house/Enviromatrix	No further action
Room K-1 class fountain-center bubbler	2-May	<5	City	No further action
Room K-2 fountain	24-May	5	In house/Enviromatrix	Nofurther action

ND = Not Detected

BLR = Below Reportable Limits

Enviromatrix & EMC Labs are certified independent laboratory used for sample analysis
colorimeter used is a Hach Colorimeter II Filter Photometer

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Environmental Monitoring and Technical Services
2392 Kincaid Road MS 45A. San Diego, CA 92101
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Water Quality Chemistry Services
Lead School Testing
Report Date: 6/20/17

San Diego Unified School District
Birney Elementary

Sample ID	Sample Date	Sample Time	Source	External ID	Lead	Units
W1176173	06/02/17	06:10 AM	SAMPLE 1 1ST FOLLOW-UP	3710020-AJJ-A	< 5	ug/L

Source **Source Description**

SAMPLE 1 After Remediation - Cafeteria, Wall mounted exterior (North of Bldg), facing lunch court, two single bubbler fountains, upper right fountain

DLR= State Mandated Detection Limit for Reporting (DLR)= 5 ug/L
Action Level (AL) = 15 ug/L


Tom Burger Associate Chemist