

**Mayor's Bottled Water Directive**  
**Hall of Justice - Drinking Fountains/ Break Rooms**  
**08/27/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Comments <sup>AB</sup>
8/27/07	Hall of Justice	1st Floor DF 145 Stairwell	1.19	65	A	14	3	61	14	0.53	9.19	<0.1	<0.1	
8/27/07	Hall of Justice	1st Floor DF Dept 10	1.13	65	A	14	3	61	-	0.32	9.21	<0.1	<0.1	
8/27/07	Hall of Justice	2nd Floor SF rM220	1.14	66	A	14	3	61	14	0.32	9.19	<0.1	<0.1	
8/27/07	Hall of Justice	2nd Floor DF Dept 17	1.17	62	A	14	3	61	14	0.34	9.2	0.1	<0.1	
8/27/07	Hall of Justice	3RD FLOOR DF RM 320	1.15	66	A	14	3	61	14	0.36	9.17	<0.1	<0.1	
8/27/07	Hall of Justice	3rd Floor DF Op. Dept22	0.95	65	A	12	3	57	12	0.31	8.56	<0.1	<0.1	See A
8/27/07	Hall of Justice	4th Floor DF Elevator	1.13	66	A	14	4	61	14	0.3	9.19	0.11	<0.1	
8/27/07	Hall of Justice	4th Floor DF RM 442	1.16	62	A	14	3	61	14	0.94	9.2	0.16	0.1	
8/27/07	Hall of Justice	4th Floor Kitchen RM475	1.33	72	A	14	4	62	14	0.22	9.2	<0.1	<0.1	
8/27/07	Hall of Justice	4th Floor DF RM461	1.04	70	A	12	3	57	12	0.21	9.14	<0.1	<0.1	
8/27/07	Hall of Justice	5th Floor E D Fountain	1.11	67	A	12	3	57	12	0.19	9.16	0.15	<0.1	
8/27/07	Hall of Justice	5th Floor RM568 Kitchen	1.65	66	A	14	3	62	14	0.18	9.23	<0.1	<0.1	
8/27/07	Hall of Justice	5th Floor W D Fountain	0.78	70	A	14	3	61	14	0.3	9.22	<0.1	<0.1	See A
8/27/07	Hall of Justice	6th Floor D. Fountain	1.16	67	A	14	3	61	14	0.4	9.22	<0.1	<0.1	
8/27/07	Hall of Justice	Hall of Justice G-15	1.75	65	A	14	3	62	14	0.31	9.21	<0.1	<0.1	
8/27/07	Hall of Justice	Hall of Justice G-25	0.94	72	A	14	3	60	14	0.42	9.15	0.1	<0.1	See A

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

**Comments**

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

**Mayor's Bottled Water Directive**  
**Sunol-Drinking Fountains/ Break Rooms**  
**07/23/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Comments <sup>AB</sup>
07/23/07	Sunol	Admin. Bathroom Sink	1.75	75	A	16	4	52	12	2.82	9.17	0.1	0.63	See B
07/23/07	Sunol	Admin Kitchen H2O Fountain High	1.64	64	A	14	3	50	11	0.21	9.08	0.18	0.1	
07/23/07	Sunol	Admin Kitchen H2O Fountain Low	1.72	68	A	14	3	50	12	0.29	9.09	0.19	0.1	
07/23/07	Sunol	Admin Kitchen Sink	1.97	68	A	14	3	50	11	0.21	9.19	0.1	0.1	
07/23/07	Sunol	Watershed office Front Bathroom	1.92	70	A	14	3	51	10	0.18	9.23	0.1	0.1	
07/23/07	Sunol	Watershed Office Back Bathroom	1.91	69	A	14	3	51	10	0.21	9.29	0.1	0.1	
07/23/07	Sunol	BLDG 1 Office Sink	0.1	78	A	14	3	54	10	3.74	9.24	0.1	1.46	See A & B
07/23/07	Sunol	BLDG 1 Front Bathroom Sink	0.36	78	A	14	3	54	10	2.87	9.22	0.1	1.25	See A & B
07/23/07	Sunol	BLDG 2 Kitchen Sink	0.6	80	A	14	3	53	10	3.15	9.22	0.1	1.13	See A & B
07/23/07	Sunol	BLDG 2 Bathroom Sink	1.11	78	A	14	3	52	10	0.95	9.29	0.1	0.49	
07/23/07	Sunol	Trailer Sink	1.6	78	A	14	3	51	10	0.63	9.26	0.1	0.31	
07/23/07	Sunol	Warehouse Sink	1.0	70	A	14	3	54	10	1.75	9.27	0.1	0.76	See A & B

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

**Mayor's Bottled Water Directive**  
**Treasure Island Facilities-Drinking Fountains/ Break Rooms**  
**10/16/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Comments <sup>AB</sup>
10/16/07	Admin. Bldg.	Room 207	1.49	66	A	16	3	61	14	0.34	9.16	0.1	0.1	
10/16/07	Bldg. 264	Kitchen sink	0.43	69	A	16	3	65	14	0.56	8.98	0.1	0.1	See A
10/16/07	Treatment Plant	Kitchen sink	1.17	64	A	16	3	64	18	0.38	9.18	0.1	0.1	
10/16/07	Fire Dept. Training F	Kitchen sink	0.42	66	A	14	4	65	16	0.39	8.94	0.1	0.2	See A
10/16/07	Fire Station	Kitchen sink	1.36	64	A	16	3	64	14	0.31	9.22	0.1	0.1	
10/16/07	Police Substation	Kitchen sink	1.38	70	A	16	3	63	12	0.34	9.18	0.1	0.1	
10/16/07	Police Substation	Bathroom sink	1.41	72	A	16	3	65	16	0.32	9.24	0.1	0.1	
10/16/07	DPW Front Bathroom	Room 156 sink	1.41	72	A	16	3	62	16	0.35	9.31	0.1	0.1	
10/16/07	DPW Back Bathroom	Room 156 sink	1.42	70	A	16	3	62	14	0.31	9.14	0.1	0.1	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

**Mayor's Bottled Water Directive**  
**War Memorial** – Drinking Fountains/ Break Rooms  
**09/04/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Comments <sup>AB</sup>
9/04/07	War Memorial	1 <sup>st</sup> Floor Bathroom Room 119	1.79	72	A	36	8	134	40	0.3	8.89	<0.1	<0.1	
9/04/07	War Memorial	2 <sup>nd</sup> Floor Green Rm Sink	1.08	76	A	34	10	136	40	0.25	8.74	<0.1	<0.1	
9/04/07	War Memorial	2 <sup>nd</sup> Kitchen Sink Rm 202	1.03	72	A	34	9	141	40	0.47	8.64	<0.1	0.17	
9/04/07	War Memorial	2 <sup>nd</sup> Bathroom 220	1.71	76	A	34	9	135	38	0.24	8.79	<0.1	<0.1	
9/04/07	War Memorial	2 <sup>nd</sup> Bathroom 210	1.5	74	A	34	9	134	42	0.27	8.85	<0.1	<0.1	
9/04/07	War Memorial	3 <sup>rd</sup> Floor Restroom across 308	1.1	72	A	38	10	138	40	0.24	8.74	<0.1	<0.1	
9/04/07	War Memorial	3 <sup>rd</sup> Floor West Break room	1.22	73	A	36	8	136	40	0.2	8.81	<0.1	<0.1	
9/04/07	War Memorial	3 <sup>rd</sup> NW men's Restroom	1.26	76	A	36	9	135	42	0.25	8.81	<0.1	<0.1	
9/04/07	War Memorial	4 <sup>th</sup> Floor SW Women Restroom	0.85	72	A	38	9	138	40	0.41	8.77	<0.1	0.1	See A
9/04/07	War Memorial	4 <sup>th</sup> NW Men's Restroom	0.95	72	A	38	9	137	40	0.28	8.75	<0.1	0.1	See A
9/04/07	War Memorial	Room 110 Kitchen sink	1.69	72	A	36	9	133	40	0.22	8.8	<0.1	<0.1	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe



**SAN FRANCISCO PUBLIC UTILITIES COMMISSION**

**WATER QUALITY DIVISION**

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



April 1, 2008

**GAVIN NEWSOM**  
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GENERAL MANAGER

**ANDREW DeGRACA**  
DIVISION DIRECTOR

Ms. Giannina Miranda  
Executive Assistant  
Department of Elections  
1 Dr. Carlton B. Goodlett Place, Room 48  
San Francisco, California 94102

Re: Bottled Water Purchase Phase Out – Water Quality Inspection  
Sampling Results, Department of Elections – Pier 48

Dear Ms. Miranda:

This is in response to your inquiry regarding the quality of water you are receiving at Pier 48. On February 14<sup>th</sup> our Water Quality Inspector collected water samples for laboratory analysis. Bacteriological analysis using the Colisure method indicated the sample was found to be negative for coliform bacteria. These results indicate that the water supplied to you meets the United States Environmental Protection Agency standards for drinking water purity.

<b>Analyte Name</b>	<b>Value</b>	<b>Units</b>
Cl2 Residual, total	0.28	MG/L
Temperature (°F)	62	°F
Escherichia coli		NEGATIVE
Total Coliform		NEGATIVE
Alkalinity	42	MG/L
Chloride	10	MG/L
Specific Conductance	162	UMHOS/CM
Hardness, Total, as CaCO3	46	MG/L
pH	8.67	PH
Turbidity (Lab)	0.72	NTU
Copper, Cu	2.05	MG/L
Iron, Fe	.7	MG/L
Lead, Pb	1	UG/L

Ms. Giannina Miranda  
April 1, 2008  
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Water to this address comes from the University Mound Reservoir System. The above values are consistent with water monitored at the reservoir outlet. We did, however, find a copper level above the typical range. In order to mitigate the high copper value or other aesthetic water quality problems in the short term, I recommend flushing the line that supplies the fixtures in question. This will also raise the chlorine residual and reduce discoloration. If you have any questions, please feel free to call me at 650.652.3132.

Sincerely,

Andrew DeGraca  
Water Quality Division Manager

cc: Ken Payne



April 1, 2008  
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bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



March 12, 2008

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**SUSAN LEAL**  
GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Ms. Sabina Crivello  
DTIS  
901 Rankin Street  
San Francisco, California 94124

Re: Bottled Water Purchase Phase Out – DTIS  
Water Quality Inspection and Sampling Results

Dear Ms. Crivello:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the results were within normal ranges. The iron result was slightly elevated indicating your facility may have some galvanized iron pipes. The elevated iron can be mitigated by conducting more frequent flushing before using the water and/or replacement of galvanized pipe. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Ken Payne



March 12, 2008  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

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November 27, 2007

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GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Mr. Ray Salonga  
Office of the District Attorney  
Hall of Justice  
850 Bryant Street, Room 325  
San Francisco, California 94103

Re: Bottled Water Purchase Phase Out – Hall of Justice  
Water Quality Inspection and Sampling Results

Dear Mr. Salonga:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Mike Conroy (650) 652-3128 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Michael Conroy

November 27, 2007  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

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November 27, 2007

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GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Mr. Mark Matyjas  
Industrial Hygienist  
CCSF – Human Services Agency  
1650 Mission Street – 2<sup>nd</sup> Floor  
San Francisco, California 94103

Re: Bottled Water Purchase Phase Out – Human Services Agency  
Water Quality Inspection and Sampling Results

Dear Mr. Matyjas:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water and/or replacement of galvanized pipe. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Mike Conroy (650) 652-3128 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Michael Conroy

November 27, 2007  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





**SAN FRANCISCO PUBLIC UTILITIES COMMISSION**

**WATER QUALITY BUREAU**

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



November 30, 2007

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**SUSAN LEAL**  
GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Mr. Ken Yee  
Municipal Transportation Agency  
One South Van Ness Avenue, 7th Floor  
San Francisco, California 94103

Re: Bottled Water Purchase Phase Out – Municipal Transportation Agency  
Water Quality Inspection and Sampling Results

Dear Mr. Yee:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water and/or replacement of galvanized pipe. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Mike Conroy (650) 652-3128 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Michael Conroy

November 30, 2007  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





## SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1155 Market St., 11th Floor, San Francisco, CA 94103 • Tel. (415) 554-3155 • Fax (415) 554-3161 • TTY (415) 554.3488



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VICE PRESIDENT

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**DAVID HOCHSCHILD**  
**F.X. CROWLEY**

**SUSAN LEAL**  
GENERAL MANAGER

March 19, 2008

Ms. Karin Jensen  
San Francisco Park and Recreation  
Health and Safety  
501 Stanyan Street  
San Francisco, California 94117

Re: Bottled Water Purchase Phase Out – San Francisco Park and Recreation  
Water Quality Inspection and Sampling Results

Dear Ms. Jensen:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the sample results were within normal ranges. The 80-degree water temperature at 755 Stanyan suggests that this tap has limited use. You may want to occasionally flush this tap to lower the temperature to move aesthetically pleasing levels.

If you have any additional questions, please feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Ken Payne

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March 19, 2008  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



November 19, 2007

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GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Mr. Peter Summerville  
Treasure Island Facilities  
410 Avenue of Palms, Building 1, 2<sup>nd</sup> Floor  
San Francisco, California 94130

Re: Bottled Water Purchase Phase Out – Treasure Island Facilities  
Water Quality Inspection and Sampling Results

Dear Mr. Summerville:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Mike Conroy (650) 652-3128 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Michael Conroy

November 19, 2007  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

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November 16, 2007

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**SUSAN LEAL**  
GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

Mr. Sean McKenna  
Chief Engineer  
War Memorial Building  
401 Van Ness Avenue, Room 110  
San Francisco, California 94102

Re: Bottled Water Purchase Phase Out – War Memorial Building  
Water Quality Inspection and Sampling Results

Dear Mr. McKenna:

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Mike Conroy (650) 652-3128 or me.

Sincerely,

Andrew DeGraca, P.E.

cc: Michael Conroy

November 16, 2007  
Page 2

bcc: Michael Carlin  
Sharyn Saslafsky  
Andrew DeGraca





# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY DIVISION

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



April 1, 2008

**GAVIN NEWSOM**  
MAYOR

**ANN MOLLER CAEN**  
PRESIDENT

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**ED HARRINGTON**  
GENERAL MANAGER

**ANDREW DeGRACA**  
DIVISION DIRECTOR

Jim Soos  
Asst. Director of Policy & Planning  
San Francisco Department of Public Health  
101 Grove St #312  
San Francisco, Ca 94102

Re: Bottled Water Purchase Phase Out - Building Water Quality Inspection  
and Sampling Results

Dear Mr. Soos,

The San Francisco Public Utilities Commission (SFPUC) supplies its customer with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facilities and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that you have a few isolated plumbing problems at the highlighted sample site locations shown on the attachment. The plumbing problems can be mitigated by conducting more frequent flushing before using the water and/or *addressing the plumbing problem* (e.g., replacing galvanized pipe with copper pipe). In addition, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

Andrew DeGraca, P.E.



# Mayor's Bottled Water Directive

## City College Drinking Fountains

### 04/03/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <small>ABC</small>
04/03/08	50 Phelan Ave	Cafeteria	1.71	68	A	36	8	129	40	0.27	9.12	<0.1	<0.1	N/A	
04/03/08	50 Phelan Ave	Student Union nr 106	1.75	60	A	36	9	131	40	0.28	9.13	<0.1	<0.1	N/A	
04/03/08	50 Phelan Ave	Wellnes Ctr level 3	1.66	67	A	38	8	129	40	0.27	9.09	<0.1	<0.1	N/A	
04/03/08	50 Phelan Ave	Library 4 <sup>th</sup> floor	1.85	61	A	36	8	128	40	0.34	9.12	<0.1	<0.1	N/A	
04/03/08	50 Phelan Ave	Batmale Hall 3 <sup>rd</sup> flr	1.82	64	A	36	8	128	40	0.24	9.14	<0.1	<0.1	N/A	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

N/A Unable to take first draw sample

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb



# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY DIVISION

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



May 8, 2008

Ms. Marisa Moret  
City Attorney's Office, Room 206  
City Hall  
1 Dr. Carlton Goodlett Place  
San Francisco, California 94102

**GAVIN NEWSOM**  
MAYOR

**ANN MOLLER CAEN**  
PRESIDENT

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**RICHARD SKLAR**  
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**ED HARRINGTON**  
GENERAL MANAGER

**ANDREW DeGRACA**  
DIVISION DIRECTOR

Dear Ms. Moret:

This letter is in response to your inquiry regarding the quality of water being received at **1 Dr Carlton Goodlett Place, Room 206**, San Francisco. On April 22, 2008, I collected water samples for laboratory analysis. Bacteriological analysis using the colisure method indicated the sample was found to be absent for coliform bacteria. Chemistry and metal results are within the acceptable range.

Detailed results for bacteriological & chemical analyses of your water samples are as follows:

### Laboratory Report

Sample taken at Room 206 sink

Analyte	Value	Units
CHLORINE_TOTAL	1.68	MG/L
TEMP_F	68	°F
COLI_E		NONE
COLI_TOTAL		NONE
ALKALINITY	28	MG/L
CHLORIDE	7	MG/L
CONDUCTIVITY	103	UMHOS/CM
HARDNESS_TOT	28	MG/L
PH	9.03	PH
TURBIDITY	0.48	NTU
CU	<0.1	MG/L
FE	<0.1	MG/L
PB	6.622	UG/L

These results indicate that the water supplied to you meets the United States Environment Protection Agency standards for drinking purity. Please see enclosed Water Quality Report for reference.

Cordially,

Jim Blue  
WQD Water Service Inspector



**Mayor's Bottled Water Directive**  
**City Hall-Drinking Fountains/ Break Rooms/Lavies in armoires**  
**07/16/07 - 10/28/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments ABC
7/16/07	City Hall	411 Fountain	0.65	74	A	40	12	154	44	0.16	8.91	<0.1	<0.1	<1	See A
7/16/07	City Hall	431 Break Room	1.80	66	A	36	9	138	40	0.16	8.99	<0.1	<0.1	<1	
7/16/07	City Hall	457 Break Room	1.47	74	A	44	10	159	46	0.16	8.93	<0.1	<0.1	1	
7/16/07	City Hall	491 Fountain	1.02	74	A	44	12	158	44	0.3	8.92	<0.1	<0.1	2	
7/16/07	City Hall	DFQ2 Elevator 4 <sup>th</sup> floor	0.33	52	A	46	12	154	44	0.32	8.76	0.25	<0.1	2	See A
7/16/07	City Hall	313 Fountain	1.37	74	A	44	11	153	44	0.24	8.84	<0.1	<0.1	1	
7/16/07	City Hall	325-19	1.83	68	A	44	11	140	40	0.18	8.9	<0.1	<0.1	<1	
7/16/07	City Hall	366-A	1.26	74	A	46	12	161	46	0.15	8.88	<0.1	<0.1	<1	
7/16/07	City Hall	389 DF (no chiller)	1.47	74	A	44	12	159	44	0.2	8.87	<0.1	<0.1	2	
7/16/07	City Hall	393 Break Room	1.44	74	A	40	10	150	42	0.14	8.9	<0.1	<0.1	<1	
7/16/07	City Hall	364 City Admin	0.88	70	A	44	10	162	48	7.7	8.98	0.64	1.27	1	See A & B
7/16/07	City Hall	300 Mayor's Office	1.76	68	A	36	8	138	42	1.4	8.93	<0.1	<0.1	<1	See B
7/16/07	City Hall	205 Fountain	1.64	74	A	40	10	144	44	0.41	8.9	0.11	<0.1	2	
7/16/07	City Hall	206 City Atty.	1.48	66	A	40	10	144	44	0.6	8.87	<0.1	0.16	23	See C
7/16/07	City Hall	270F	1.49	72	A	40	9	143	42	0.23	8.85	0.21	<0.1	-	
7/16/07	City Hall	233 City Atty. Brk. Rm.	1.86	66	A	36	21	138	42	0.24	8.89	<0.1	<0.1	<1	
7/16/07	City Hall	262 Break Room	1.53	62	A	46	12	156	46	0.18	8.86	<0.1	<0.1	2	
7/16/07	City Hall	289 Drinking fountain	1.34	74	A	44	11	140	40	0.22	8.98	<0.1	<0.1	1	
7/16/07	City Hall	111 DF	1.85	68	A	36	10	136	38	0.2	8.95	<0.1	<0.1	<1	
7/16/07	City Hall	123 DF (not chilled)	1.14	74	A	42	11	141	38	0.21	8.97	<0.1	<0.1	1	
7/16/07	City Hall	173 DF (not chilled)	1.26	74	A	40	10	138	38	0.21	8.98	<0.1	<0.1	<1	
7/16/07	City Hall	067 Day Care	1.77	68	A	40	10	136	38	0.22	8.95	<0.1	<0.1	<1	
7/16/07	City Hall	080 Day Care	1.84	66	A	40	11	136	38	0.2	8.99	<0.1	<0.1	<1	
7/16/07	City Hall	62 Men's Room	1.81	62	A	38	11	137	40	0.42	9	<0.1	0.13	<1	
7/16/07	City Hall	048 Break Room	1.84	66	A	38	10	136	42	0.22	8.98	-	-	<1	
7/16/07	City Hall	Q2 Elevator Lobby	0.88	70	A	48	11	166	54	1.2	8.84	0.38	<0.1	<1	See B
7/16/07	City Hall	DF1	1.82	64	A	40	9	138	44	0.72	8.93	0.1	<0.1	<1	
7/16/07	City Hall	Basement DF Bet 4 RR	1.71	66	A	38	8	134	40	0.33	8.96	<0.1	<0.1	<1	
7/16/07	City Hall	Sheriff's Break Room	1.83	66	A	38	9	132	40	0.23	8.93	<0.1	<0.1	<1	
7/16/07	City Hall	DF between 35 & 37	1.85	60	A	36	9	134	36	0.23	9	<0.1	<0.1	<1	
7/16/07	City Hall	Cafés Sink	1.88	68	A	38	9	139	42	0.18	8.91	0.1	0.1	<1	
7/16/07	City Hall	DF between 13& 15	1.81	62	A	38	8	134	38	0.29	8.98	0.1	0.1	<1	
10/5/07	City Hall	Room 210	1.77	68	A	32	8	119	34	0.22	8.83	<0.1	<0.1	1	
10/5/07	City Hall	206	1.71	69	A	30	8	119	34	0.49	8.92	<0.1	<0.1	23	See C
10/5/07	City Hall	208	1.71	66	A	34	8	118	34	0.2	8.92	<0.1	<0.1	-	
10/5/07	City Hall	212	1.87	66	A	32	8	123	34	0.24	8.96	<0.1	<0.1	-	
10/5/07	City Hall	216	1.62	68	A	32	7	118	34	0.28	8.91	<0.1	<0.1	-	
10/5/07	City Hall	218	1.68	70	A	32	8	118	34	0.42	8.92	<0.1	<0.1	-	
10/5/07	City Hall	220	1.82	71	A	32	8	119	34	0.2	8.96	<0.1	<0.1	-	

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	Ph	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UM/L <sup>6</sup>	Comments <sup>ABC</sup>
10/5/07	City Hall	222	1.68	71	A	32	8	119	34	0.19	8.95	<0.1	<0.1	-	
10/5/07	City Hall	224	1.75	70	A	32	8	119	34	0.31	8.94	<0.1	<0.1	-	
10/5/07	City Hall	226	1.70	71	A	32	8	120	36	0.52	8.87	<0.1	<0.1	-	
10/5/07	City Hall	284	1.60	68	A	32	9	119	34	0.39	8.9	<0.1	<0.1	-	
10/5/07	City Hall	384	1.68	68	A	32	8	119	34	0.37	8.92	<0.1	<0.1	-	
10/5/07	City Hall	388A	1.72	70	A	30	8	119	30	1.56	8.92	<0.1	<0.1	-	See B
10/5/07	City Hall	390A	1.68	70	A	32	8	119	32	0.16	8.94	<0.1	<0.1	-	
10/5/07	City Hall	396A	1.66	70	A	30	8	119	30	0.64	8.92	<0.1	<0.1	-	
10/5/07	City Hall	308C	1.71	74	A	30	8	120	32	0.21	8.98	<0.1	<0.1	-	
10/5/07	City Hall	314D	1.75	69	A	32	8	122	32	0.27	8.96	<0.1	<0.1	-	
10/5/07	City Hall	344C	1.83	64	A	32	8	122	32	0.33	8.98	<0.1	<0.1	-	
10/5/07	City Hall	344A	1.84	66	A	32	8	122	36	3.34	8.94	<0.1	<0.1	-	See B
10/5/07	City Hall	362	1.73	68	A	32	8	117	32	1.19	8.96	<0.1	<0.1	-	See B
10/5/07	City Hall	364A	1.47	69	A	32	8	121	34	5.48	9.04	<0.1	0.5	-	See B
10/5/07	City Hall	368	1.61	70	A	30	8	120	34	5.82	8.93	0.2	0.7	-	See B
10/5/07	City Hall	356A	1.73	70	A	30	8	119	32	1.3	8.94	<0.1	0.2	-	See B
10/5/07	City Hall	370	1.66	70	A	30	9	118	34	0.3	8.97	<0.1	<0.1	-	
10/5/07	City Hall	402	1.88	72	A	30	8	120	32	0.34	8.99	<0.1	<0.1	-	
10/5/07	City Hall	412	1.92	69	A	32	8	121	32	0.33	8.99	<0.1	<0.1	-	
10/5/07	City Hall	418	1.82	69	A	32	8	121	32	0.27	8.97	<0.1	<0.1	-	
10/5/07	City Hall	430	1.64	74	A	32	8	122	32	0.49	8.98	<0.1	<0.1	-	
10/5/07	City Hall	436A	1.78	72	A	32	8	122	32	0.46	8.96	<0.1	<0.1	-	
10/5/07	City Hall	448	1.92	65	A	30	8	123	32	0.25	9.02	<0.1	<0.1	-	
10/5/07	City Hall	440A	1.90	70	A	32	8	122	32	0.29	9	<0.1	<0.1	-	
10/5/07	City Hall	444	1.84	65	A	30	8	122	32	0.24	9	<0.1	<0.1	-	
10/5/07	City Hall	462B	1.71	71	A	32	8	119	32	0.28	9	<0.1	<0.1	-	
10/5/07	City Hall	470	1.64	72	A	32	8	119	32	0.78	8.96	<0.1	<0.1	-	
10/5/07	City Hall	472A	1.70	71	A	32	8	118	32	0.49	8.99	<0.1	<0.1	-	
10/5/07	City Hall	488	1.81	74	A	32	8	122	32	0.85	8.94	<0.1	<0.1	-	
10/5/07	City Hall	495A	1.87	70	A	32	8	122	32	0.32	8.98	<0.1	<0.1	-	
10/5/07	City Hall	491B	1.89	67	A	32	8	123	32	0.22	8.99	<0.1	<0.1	-	
10/28/07	City Hall	162B Break room	-	-	-	-	-	-	-	-	-	-	-	9	
10/28/07	City Hall	Room 10&12 Break room	-	-	-	-	-	-	-	-	-	-	-	<1	
10/28/07	City Hall	Q2 Elevator Lobby 3	-	-	-	-	-	-	-	-	-	-	-	2	
10/28/07	City Hall	138A Break room	-	-	-	-	-	-	-	-	-	-	-	<1	
10/28/07	City Hall	126 Conference room	-	-	-	-	-	-	-	-	-	-	-	<1	
10/28/07	City Hall	297 Break room	-	-	-	-	-	-	-	-	-	-	-	1	
10/28/07	City Hall	495B Break room	-	-	-	-	-	-	-	-	-	-	-	<1	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15

# Mayor's Bottled Water Directive

## DPH-Drinking Fountains/ Break Rooms

### 01/02/08 - 02/29/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
01/02/08	101 Grove	Room 312	2.02	58	A	30	8	114	38	0.25	8.99	<0.1	<0.1	11.79	
01/02/08	101 Grove	Room 204A	1.90	60	A	30	8	114	38	0.48	8.95	<0.1	<0.1	-	
01/02/08	101 Grove	Room 204F	2.02	60	A	30	8	114	34	0.24	8.96	<0.1	0.1	<1	
01/02/08	101 Grove	Room 409	1.96	60	A	30	8	114	36	0.23	8.93	0.1	<0.1	-	
01/02/08	101 Grove	Fountain	1.96	60	A	32	8	114	38	0.37	8.9	<0.1	<0.1	-	
01/15/08	1360 Mission	1360 Mission Suite 401	1.72	58	A	62	11	219	68	0.15	8.71	<0.1	<0.1	9.15	
01/17/08	Laguna Honda	A100 Room 6P	1.69	61	A	44	12	159	48	0.18	8.62	<0.1	<0.1	-	
01/17/08	Laguna Honda	Rm. 401A-4 <sup>th</sup> Floor. Kitchen	1.59	61	A	42	12	159	48	0.17	8.61	<0.1	<0.1	-	
01/17/08	Laguna Honda	Diet Office - 3 <sup>rd</sup> Floor	1.68	56	A	44	12	159	48	0.18	8.62	<0.1	<0.1	-	
01/17/08	Laguna Honda	K3 Med. Offices	1.62	68	A	44	12	158	48	0.18	8.64	<0.1	<0.1	-	
01/17/08	Laguna Honda	Nursing Office 502B	1.69	58	A	44	12	158	50	0.17	8.6	<0.1	<0.1	-	
01/17/08	Laguna Honda	CH - ADHC	1.59	68	A	44	12	158	50	0.17	8.58	<0.1	<0.1	-	
01/17/08	Laguna Honda	CH - Room 161	1.19	73	A	44	12	158	48	0.3	8.6	<0.1	<0.1	-	A
01/17/08	Laguna Honda	Q & M Kitchen	1.59	72	A	44	12	158	48	0.17	8.56	<0.1	<0.1	-	
01/18/08	68 - 12 <sup>th</sup> St # 200	68 - 12 <sup>th</sup> St. # 200	1.83	64	A	50	14	185	58	0.16	8.67	0.119	<0.1	3.17	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Office Kitchen	1.89	56	A	52	13	187	54	0.1	8.83	<0.1	<0.1	-	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Day Room Kitchen	1.81	56	A	50	13	187	56	0.11	8.83	<0.1	<0.1	-	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Hall Fountain	1.90	54	A	50	11	186	54	0.11	8.82	<0.1	<0.1	3.11	
01/23/08	1525 Silver Avenue	1 <sup>st</sup> Floor Fountain	1.71	65	A	60	15	226	60	0.19	8.73	0.198	<0.1	11.79	
01/23/08	1525 Silver Avenue	2 <sup>nd</sup> Floor Kitchen	1.74	60	A	54	14	208	54	0.16	8.73	D	D	D	
01/24/08	1701 Ocean Avenue	Kitchen/Room5	2.16	56	A	48	13	182	52	0.12	8.78	<0.1	<0.1	5.71	
01/25/08	356 - 7 <sup>th</sup> Street	1 <sup>st</sup> Floor clinic sink	1.61	59	A	56	13	195	58	0.15	8.7	<0.1	<0.1	3.76	
01/25/08	356 - 7 <sup>th</sup> Street	2 <sup>nd</sup> Floor Kitchen	1.60	60	A	56	13	194	54	0.14	8.7	<1	<1	<1	
01/29/08	30 Van Ness	Suite 210 Hall Fountain	2.02	56	A	50	12	180	50	0.15	8.92	0.203	<0.1	3.58	
01/29/08	30 Van Ness	Suite 2300 kitchen	0.35	74	A	50	12	177	50	0.16	8.28	0.278	<0.1	4.01	A
01/29/08	30 Van Ness	Suite 2300 Hall Fountain	1.95	57	A	52	12	180	54	0.18	8.9	0.363	<0.1	1.45	
01/29/08	30 Van Ness	Suite 220 Kitchen	2.01	54	A	50	12	180	50	0.16	8.91	<0.1	<0.1	-	
01/31/08	333 Turk Street	Examination Room 7	1.96	54	A	50	13	184	54	0.14	8.97	.245	.027	1.94	
01/31/08	333 Turk Street	Basement Kitchen	1.90	62	A	54	12	183	56	0.17	8.97	<0.1	<0.1	-	
01/31/08	333 Turk Street	Upper Kitchen	1.96	54	A	52	13	184	54	0.15	8.96	<0.1	<0.1	-	
02/04/08	1060 Howard	3 <sup>rd</sup> Floor	1.76	54	A	54	9	184	52	0.15	9.01	<0.1	<0.1	1	
02/05/08	1380 Howard	2 <sup>nd</sup> Floor	1.83	54	A	54	9	179	51	0.17	8.94	<0.1	<0.1	<1	
02/06/08	1490 Mason	Left sink	1.72	60	A	48	8	182	52	0.15	8.8	<0.1	<0.1	2.08	
02/06/08	1490 Mason	Room 315 Kitchen	1.79	56	A	50	8	182	54	0.16	8.83	<0.1	<0.1	<1	
02/12/08	729 Filbert	Room 301	1.78	54	A	48	14	182	52	0.12	8.67	<0.1	<0.1	<1	
02/13/08	2712 Mission	Room 034	1.83	60	A	44	9	156	48	0.23	9.05	<0.1	<0.1	4.47	
02/14/08	2401 Keith	Room 39	1.89	60	A	40	8	147	44	0.22	9.13	<0.1	<0.1	<1	
02/19/08	3850 17 <sup>th</sup> St	Room 206	1.94	56	A	48	13	178	50	0.14	8.62	<0.1	<0.1	1.57	
02/25/08	720 Sacramento	2 <sup>nd</sup> Floor Kitchen	1.80	56	A	48	7	162	50	0.18	9.14	<0.1	<0.1	1.472	
02/27/08	100 Blanken	Kitchen	1.93	56	A	40	7	144	44	0.23	9.2	<0.1	<0.1	11.1	
02/27/08	4527 Mission	Kitchen	2.15	58	A	46	14	178	54	0.09	8.75	<0.1	<0.1	1.031	
02/29/08	300 Bennington	Kitchen	2.09	56	A	46	14	179	48	0.16	8.67	<0.1	<0.1	-	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

#### Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb

<sup>D</sup> Lab results unavailable

# Mayor's Bottled Water Directive

## DPH-Drinking Fountains/ Break Rooms

### 01/02/08 - 02/29/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
01/02/08	101 Grove	Room 312	2.02	58	A	30	8	114	38	0.25	8.99	<0.1	<0.1	11.79	
01/02/08	101 Grove	Room 204A	1.90	60	A	30	8	114	38	0.48	8.95	<0.1	<0.1	-	
01/02/08	101 Grove	Room 204F	2.02	60	A	30	8	114	34	0.24	8.96	<0.1	0.1	<1	
01/02/08	101 Grove	Room 409	1.96	60	A	30	8	114	36	0.23	8.93	0.1	<0.1	-	
01/02/08	101 Grove	Fountain	1.96	60	A	32	8	114	38	0.37	8.9	<0.1	<0.1	-	
01/15/08	1360 Mission	1360 Mission Suite 401	1.72	58	A	62	11	219	68	0.15	8.71	-	-	9.15	
01/17/08	Laguna Honda	A100 Room 6P	1.69	61	A	44	12	159	48	0.18	8.62	<0.1	<0.1	-	
01/17/08	Laguna Honda	Rm. 401A-4 <sup>th</sup> Floor. Kitchen	1.59	61	A	42	12	159	48	0.17	8.61	-	-	-	
01/17/08	Laguna Honda	Diet Office - 3 <sup>rd</sup> Floor	1.68	56	A	44	12	159	48	0.18	8.62	<0.1	<0.1	-	
01/17/08	Laguna Honda	K3 Med. Offices	1.62	68	A	44	12	158	48	0.18	8.64	<0.1	<0.1	-	
01/17/08	Laguna Honda	Nursing Office 502B	1.69	58	A	44	12	158	50	0.17	8.6	<0.1	<0.1	-	
01/17/08	Laguna Honda	CH - ADHC	1.59	68	A	44	12	158	50	0.17	8.58	<0.1	<0.1	-	
01/17/08	Laguna Honda	CH - Room 161	1.19	73	A	44	12	158	48	0.3	8.6	<0.1	<0.1	-	A
01/17/08	Laguna Honda	Q & M Kitchen	1.59	72	A	44	12	158	48	0.17	8.56	<0.1	<0.1	-	
01/18/08	68 - 12 <sup>th</sup> St # 200	68 - 12 <sup>th</sup> St. # 200	1.83	64	A	50	14	185	58	0.16	8.67	-	-	3.17	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Office Kitchen	1.89	56	A	52	13	187	54	0.1	8.83	<0.1	<0.1	-	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Day Room Kitchen	1.81	56	A	50	13	187	56	0.11	8.83	<0.1	<0.1	-	
01/22/08	1990 - 41 <sup>st</sup> Avenue	Hall Fountain	1.90	54	A	50	11	186	54	0.11	8.82	<0.1	<0.1	3.11	
01/23/08	1525 Silver Avenue	1 <sup>st</sup> Floor Fountain	1.71	65	A	60	15	226	60	0.19	8.73	-	-	-	
01/23/08	1525 Silver Avenue	2 <sup>nd</sup> Floor Kitchen	1.74	60	A	54	14	208	54	0.16	8.73	-	-	-	
01/24/08	1701 Ocean Avenue	Kitchen/Room5	2.16	56	A	48	13	182	52	0.12	8.78	<0.1	<0.1	5.71	
01/25/08	356 - 7 <sup>th</sup> Street	1 <sup>st</sup> Floor clinic sink	1.61	59	A	56	13	195	58	0.15	8.7	<0.1	<0.1	3.76	
01/25/08	356 - 7 <sup>th</sup> Street	2 <sup>nd</sup> Floor Kitchen	1.60	60	A	56	13	194	54	0.14	8.7	<1	<1	<1	
01/29/08	30 Van Ness	Suite 210 Hall Fountain	2.02	56	A	50	12	180	50	0.15	8.92	<0.1	<0.1	3.58	
01/29/08	30 Van Ness	Suite 2300 kitchen	0.35	74	A	50	12	177	50	0.16	8.28	<0.1	<0.1	4.01	A
01/29/08	30 Van Ness	Suite 2300 Hall Fountain	1.95	57	A	52	12	180	54	0.18	8.9	<0.1	<0.1	1.45	
01/29/08	30 Van Ness	Suite 220 Kitchen	2.01	54	A	50	12	180	50	0.16	8.91	-	-	-	
01/31/08	333 Turk Street	Examination Room 7	1.96	54	A	50	13	184	54	0.14	8.97	<0.1	<0.1	1.94	
01/31/08	333 Turk Street	Basement Kitchen	1.90	62	A	54	12	183	56	0.17	8.97	-	-	-	
01/31/08	333 Turk Street	Upper Kitchen	1.96	54	A	52	13	184	54	0.15	8.96	-	-	-	
02/04/08	1060 Howard	3 <sup>rd</sup> Floor	1.76	54	A	54	9	184	52	0.15	9.01	<0.1	<0.1	1	
02/05/08	1380 Howard	2 <sup>nd</sup> Floor	1.83	54	A	54	9	179	51	0.17	8.94	<0.1	<0.1	<1	
02/06/08	1490 Mason	Left sink	1.72	60	A	48	8	182	52	0.15	8.8	<0.1	<0.1	2.08	
02/06/08	1490 Mason	Room 315 Kitchen	1.79	56	A	50	8	182	54	0.16	8.83	<0.1	<0.1	<1	
02/12/08	729 Filbert	Room 301	1.78	54	A	48	14	182	52	0.12	8.67	<0.1	<0.1	<1	
02/13/08	2712 Mission	Room 034	1.83	60	A	44	9	156	48	0.23	9.05	<0.1	<0.1	4.47	
02/14/08	2401 Keith	Room 39	1.89	60	A	40	8	147	44	0.22	9.13	<0.1	<0.1	<1	
02/19/08	1750 - 17 <sup>th</sup> Street	Room 206	1.94	56	A	48	13	178	50	0.14	8.62	<0.1	<0.1	1.57	
02/25/08	720 Sacramento	2 <sup>nd</sup> Floor Kitchen	1.80	56	A	48	7	162	50	0.18	9.14	<0.1	<0.1	1.47	
02/27/08	100 Blanken	Kitchen	1.93	56	A	40	7	114	44	0.23	9.2	<0.1	<0.1	11.1	
02/27/08	4527 Mission	Kitchen	2.15	58	A	46	14	178	54	0.09	8.75	<0.1	<0.1	1.0	
02/29/08	300 Bennington	Kitchen	2.09	56	A	46	14	179	48	0.16	8.67	<0.1	<0.1	-	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

#### Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb

# Mayor's Bottled Water Directive

## DTIS Drinking Fountains/ Break Rooms

### 01/30/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
01/30/08	901 Rankin St	Admin hall fountain	1.44	54	A	50	9	173	50	0.42	8.95	<0.1	.25	1.311	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb



# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY BUREAU

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



June 3, 2008

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GENERAL MANAGER

**ANDREW DeGRACA**  
BUREAU MANAGER

John Dorsey  
Campus Facilities Manager  
Fort Mason Foundation  
Landmark Building A, Fort Mason Center  
San Francisco, CA 94123-1382

Re: Water Quality Inspection and Sampling results for bottle less water event

Dear Mr. Dorsey,

The San Francisco Public Utilities Commission (SFPUC) supplies its customer with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. Per request, the SFPUC recently inspected your facilities and collected water samples to determine if any localized plumbing problems exist. The results of the inspection and sampling (attached) showed that you have a few isolated plumbing problems at the highlighted sample site locations shown on the attachment. These plumbing problems can be mitigated by conducting more frequent flushing before using the water and/or *addressing the plumbing problem* (e.g., replacing galvanized pipe with copper pipe). Suggested flushing sites to be considered would be fixtures or hydrants located at or near the furthest reaches of your internal plumbing system. (e.g. at the end of the piers.) Please contact this office after flushing so that we may re-test the chlorine residuals.

If you have any questions feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

Jim Blue  
Water Quality Inspector  
SFPUC-WQD  
(650) 652-3133



# Bottleless Event Testing

## Fort Mason Drinking Fountains/ Break Rooms

### 05/14/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
05/14/08	3698** Laguna	Bldg C 2 <sup>nd</sup> flr fntn	0.9	66	A	16	5	65	16	0.28	8.94	<0.1	0.1	N/A	
05/14/08	3698** Laguna	FMF office kitchen	0.76	67	A	16	5	63	16	2.23	8.85	0.28	0.458	2.067	
05/14/08	3698** Laguna	Herbst Pav kitchen	0.00	66	A	18	5	71	18	0.32	8.42	0.159	0.036	1.548	
05/14/08	3698** Laguna	Festival Pav spigot	0.2	66	A	16	5	66	16	0.3	8.44	<0.1	0.704	3.711	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

N/A Unable to take first draw sample

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb



SAN FRANCISCO PUBLIC UTILITIES COMMISSION

WATER QUALITY DIVISION

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



June 9, 2008

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PRESIDENT

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VICE PRESIDENT

RICHARD SKLAR  
DAVID HOCHSCHILD  
F.X. CROWLEY

ED HARRINGTON  
GENERAL MANAGER

ANDREW DeGRACA  
DIVISION DIRECTOR

John Dorsey  
Campus Facilities Manager  
Fort Mason Foundation  
Landmark Building A, Fort Mason Center  
San Francisco, CA 94123-1382

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**RE: WATER QUALITY INSPECTION AND SAMPLING RESULTS FOR BOTTLELESS WATER EVENT**

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Dear Mr. Dorsey,

The San Francisco Public Utilities Commission (SFPUC) supplies its customer with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized site conditions (e.g. inactive service, low water use, in-house plumbing problems, etc.) Water degradation may create unnecessary aesthetic problems with the drinking water.

Per your request, the SFPUC recently inspected your facilities and collected water samples to determine if any localized problems exist. The results of the inspection and sampling (attached) showed that you have a few isolated problems at the highlighted locations shown on the following table. These problems can be mitigated by periodic (e.g. weekly) flushing. Suggested flushing sites are hosebibbs or hydrants located at or near the furthest reaches of your internal plumbing system- (e.g. at the end of the piers.)

If you have any questions feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

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Jim Blue  
Water Quality Inspector  
SFPUC-WQD  
(650) 652-3133

cc Ken Payne  
Alan R Wong  
Chandra Lawrence Johnson  
Katie Achermann



# Mayor's Bottled Water Directive

## HSA-Drinking Fountains/ Break Rooms

### 10/04/07 - 11/07/07

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
10/04/07	170 Otis St.	1 <sup>st</sup> Floor	1.62	56	A	14	3	59	14	0.29	9.13	<0.1	<0.1	2	
10/04/07	170 Otis St	2 <sup>nd</sup> Floor	1.65	70	A	14	3	58	14	0.35	9.16	0.15	<0.1	6	
10/04/07	170 Otis St	3 <sup>rd</sup> Floor	1.67	70	A	14	3	58	14	0.33	9.18	0.11	<0.1	7	
10/04/07	170 Otis St	4th Floor	1.63	70	A	14	3	59	14	0.3	9.15	<0.1	<0.1	12	
10/04/07	170 Otis St	6th Floor	1.71	72	A	14	3	59	14	0.25	9.06	<0.1	<0.1	11	
10/04/07	170 Otis St	7th Floor	1.64	70	A	14	3	58	14	0.3	9.12	<0.1	<0.1	21	See C
10/04/07	170 Otis St	8th Floor	1.57	62	A	14	3	61	14	0.41	8.73	0.14	<0.1	20	See C
10/04/07	150 Otis St.	1 <sup>st</sup> Floor	1.36	54	A	14	3	59	14	0.25	8.92	<0.1	<0.1	13	
10/04/07	1440 Harrison St.	1 <sup>st</sup> Floor	1.66	54	A	14	3	59	14	0.3	9.2	<0.1	<0.1	3	
10/04/07	1440 Harrison St.	2 <sup>nd</sup> Floor	1.69	52	A	14	3	59	14	0.32	9.2	<0.1	<0.1	5	
10/04/07	1440 Harrison St.	3 <sup>rd</sup> Floor elevator	1.60	56	A	14	3	59	14	0.3	9.13	<0.1	<0.1	21	See C
10/04/07	1440 Harrison St.	2 <sup>nd</sup> Floor kitchen	1.75	62	A	14	3	59	14	0.24	9.16	<0.1	<0.1	15	See C
10/11/07	3120 Mission St.	1 <sup>st</sup> Floor Break room	1.76	64	A	30	8	119	30	0.25	8.92	<0.1	<0.1	1	
10/11/07	3120 Mission St.	1 <sup>st</sup> Floor Cubicle area	0.02	70	A	26	9	111	26	0.12	6.99	<0.1	<0.1	1	See A & B
10/11/07	3120 Mission St.	Lobby Fountain	1.77	51	A	32	6	118	34	0.26	8.94	<0.1	<0.1	1	
10/11/07	3120 Mission St.	Office Fountain 2	1.78	56	A	30	7	117	32	0.26	8.93	<0.1	<0.1	2	
10/11/07	3120 Mission St.	Office Kitchen	1.83	66	A	30	7	118	30	0.26	8.93	<0.1	<0.1	1	
10/11/07	3119 Mission St	Kitchen	1.86	66	A	30	8	120	34	0.2	8.91	<0.1	<0.1	1	
10/11/07	1235 Mission St	Distribution	1.65	63	A	16	4	63	12	0.36	9.21	<0.1	<0.1	1	
10/11/07	1235 Mission St	PAES	1.53	51	A	14	4	63	16	0.33	9.19	<0.1	<0.1	1	
10/11/07	1235 Mission St	Main	1.65	63	A	16	4	63	14	0.39	9.22	<0.1	<0.1	1	
10/11/07	1235 Mission St	2 <sup>nd</sup> Floor Fountain	1.64	62	A	16	3	63	14	0.34	9.17	<0.1	<0.1	1	
10/11/07	1235 Mission St	2 <sup>nd</sup> Floor Dietary	1.60	69	A	16	3	63	14	0.29	9.19	<0.1	<0.1	1	
10/11/07	1235 Mission St	4 <sup>th</sup> Floor Fountain	1.67	62	A	16	6	63	14	0.38	9.17	<0.1	<0.1	1	
10/11/07	1235 Mission St	4 <sup>th</sup> Floor Dietary	1.69	62	A	18	3	63	16	0.35	9.18	<0.1	<0.1	1	
10/11/07	1235 Mission St	1 <sup>st</sup> Floor Fountain	1.62	64	A	16	3	63	12	0.34	9.21	<0.1	<0.1	1	
10/11/07	1235 Mission St	1 <sup>st</sup> Floor Central DF	1.70	64	A	16	3	63	14	0.33	9.18	<0.1	<0.1	1	
10/11/07	1235 Mission St	1 <sup>st</sup> Floor Dietary	1.63	60	A	16	3	63	12	0.39	9.16	<0.1	<0.1	1	
10/11/07	1235 Mission St	3 <sup>rd</sup> Floor Fountain	1.67	64	A	-	3	63	14	0.44	9.18	<0.1	<0.1	1	
10/11/07	1235 Mission St	3rd Floor Snack Room	1.63	64	A	16	4	63	12	0.29	9.15	<0.1	<0.1	1	
10/11/07	1235 Mission St	3 <sup>rd</sup> Floor Break Room	1.42	72	A	14	3	65	14	0.67	9.09	<0.1	<0.1	1	
10/25/07	225 Valencia	1 <sup>st</sup> Floor	1.80	64	A	24	8	101	24	0.29	9.02	<0.1	<0.1	1	
10/25/07	225 Valencia	2 <sup>nd</sup> Floor fountain	1.59	73	A	24	9	101	24	0.29	9.02	<0.1	<0.1	2	
10/25/07	225 Valencia	2 <sup>nd</sup> Floor kitchen	1.83	64	A	24	8	101	24	0.28	9.03	<0.1	<0.1	2	
10/15/07	1650 Mission St	2 <sup>nd</sup> Floor freight elev.	1.49	60	A	12	5	49	10	0.37	9.32	<0.1	<0.1	2	
10/15/07	1650 Mission St	2 <sup>nd</sup> Floor phone room	1.54	56	A	12	5	49	10	0.44	9.31	<0.1	<0.1	1	

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
10/15/07	1650 Mission St	3 <sup>rd</sup> Floor Kitchen	1.51	70	A	12	5	49	10	0.35	9.27	<0.1	<0.1	23	See C
10/15/07	1650 Mission St	2 <sup>nd</sup> Floor kitchen	1.60	64	A	12	5	49	10	0.4	9.35	<0.1	<0.1	1	
10/15/07	1650 Mission St	3 <sup>rd</sup> Floor Freight elev.	1.53	58	A	12	5	49	10	0.42	9.31	<0.1	<0.1	9	
10/15/07	1650 Mission St	3 <sup>rd</sup> Floor phone	1.20	60	A	12	5	50	10	0.53	9.27	<0.1	<0.1	14	
10/15/07	1650 Mission St	4 <sup>th</sup> Floor phone room	1.47	62	A	12	5	49	10	0.47	9.32	<0.1	<0.1	18	See C
10/15/07	1650 Mission St	4 <sup>th</sup> Floor kitchen	0.18	68	A	12	5	48	8	2.74	9.26	0.3	0.3	6	See A & B
10/15/07	1650 Mission St	5 <sup>th</sup> Floor phone room	1.55	56	A	10	4	48	8	0.46	9.29	<0.1	<0.1	15	See C
10/25/07	160 S. Van Ness	2 <sup>nd</sup> Floor Kitchen	1.61	70	A	10	5	47	8	0.41	9.18	<0.1	<0.1	3.21	
11/07/07	525-5 <sup>th</sup> Street	1 <sup>st</sup> Floor DF	1.79	62	A	10	3	46	10	0.47	9.4	<0.1	<0.1	1	
11/07/07	525-5 <sup>th</sup> Street	1 <sup>st</sup> Floor Kitchen	1.76	62	A	10	3	46	10	0.38	9.29	0.3	0.2	18.4	See C
11/07/07	525-5 <sup>th</sup> Street	Mezzanine DF	1.25	80	A	10	3	47	10	0.33	9.18	<0.1	<0.1	1	
11/07/07	525-5 <sup>th</sup> Street	Basement DF	1.73	64	A	10	3	46	10	0.4	9.29	<0.1	<0.2	1	
11/07/07	525-5 <sup>th</sup> Street	Conference Room	1.75	64	A	10	3	46	10	0.38	9.3	0.6	0.2	73.3	See C
11/07/07	1001 Polk St	DF by Room 124	1.85	64	A	10	3	57	10	0.42	9.32	<0.1	<0.1	1	
11/07/07	1001 Polk St	DF by TV Room	1.89	68	A	10	3	58	10	0.45	9.35	<0.1	<0.1	1	
11/07/07	1001 Polk St	DF by Elevator Room	1.89	64	A	10	3	57	10	0.46	9.32	<0.1	<0.1	1	
11/07/07	1001 Polk St	DF Basement	1.86	68	A	10	3	56	10	0.5	9.34	<0.1	<0.1	1	
11/07/07	1001 Polk St	Basement sink staff	1.80	60	A	10	3	58	10	0.46	9.38	<0.1	0.2	7.9	
11/07/07	1001 Polk St	2 <sup>nd</sup> Floor DF	1.90	64	A	10	3	57	10	0.42	9.33	<0.1	<0.1	1	
11/07/07	1001 Polk St	3 <sup>rd</sup> Floor DF	1.89	62	A	14	4	56	14	0.33	9.28	<0.1	<0.1	1	
11/07/07	1001 Polk St	4 <sup>th</sup> Floor DF	1.85	64	A	14	4	58	14	0.3	9.26	<0.1	<0.1	1	
11/07/07	260 Golden Gate	4 <sup>th</sup> Floor DF	1.33	62	A	10	3	50	10	1.03	9.15	<0.1	0.2	1	See B
11/07/07	260 Golden Gate	3 <sup>rd</sup> Floor DF	1.58	68	A	10	3	51	10	0.96	9.23	<0.1	0.2	1	
11/07/07	260 Golden Gate	3 <sup>rd</sup> Floor DF by Elevator	1.81	70	A	10	3	51	10	0.68	9.24	<0.1	<0.1	1	
11/07/07	260 Golden Gate	2 <sup>nd</sup> Floor DF	1.46	66	A	10	3	49	10	0.84	9.30	<0.1	0.2	1	
11/20/07	3801 3 <sup>rd</sup> St.	Lobby Fountain	1.76	64	A	10	3	46	10	0.43	9.23	<0.1	0.1	6.0	
11/20/07	1800 Oakdale	1 <sup>st</sup> Floor Fountain	1.82	70	A	10	3	47	10	0.4	9.34	<0.1	0.1	9.4	
11/20/07	1 Cashmere	Classroom 2	1.71	66	A	10	3	49	10	0.39	9.27	<0.1	0.1	82	
11/20/07	1 Cashmere	Classroom 3	1.78	68	A	10	3	50	10	0.35	9.34	<0.1	0.1	4	
11/20/07	1 Cashmere	Classroom 4	1.79	68	A	10	3	50	10	0.35	9.32	<0.1	<0.1	14	
11/20/07	1 Cashmere	Classroom 1	1.52	69	A	10	3	52	10	0.38	9.04	0.1	<0.1	42	
11/20/07	200 Cashmere	Room A	1.53	74	A	10	3	49	10	0.35	9.24	<0.1	<0.1	16	
11/20/07	200 Cashmere	Room B	1.82	71	A	10	3	47	10	0.41	9.19	<0.1	0.1	1.7	
11/20/07	200 Cashmere	Hall Fountain	1.63	82	A	10	3	48	10	0.33	9.17	<0.1	0.1	5.4	
11/20/07	875 Stevenson	3ed Floor Fountain	1.88	66	A	26	7	101	26	0.33	8.94	<0.1	0.1	1	
11/28/07	995 Potrero	Room 8031	1.81	64	A	30	7	108	30	0.31	9.0	<0.1	0.1	-	
11/28/07	1001 Potrero	Bldg 10 Room 1522	1.91	70	A	36	10	133	36	0.26	8.98	<0.1	<0.1	-	
11/28/07	1030 Oakdale	Office Kitchen	1.68	64	A	10	3	48	10	0.53	9.29	<0.1	0.2		
11/28/07	1030 Oakdale	Office Fountain	1.19	64	A	10	3	48	10	0.72	9.32	<0.1	0.1	17	
11/28/07	1030 Oakdale	Room 1 sink	1.57	63	A	10	3	47	10	0.6	9.17	0.2	0.3	19	
11/28/07	1030 Oakdale	Room 1 Fountain	1.70	62	A	10	3	48	10	0.64	9.3	0.2	0.3	47	
11/28/07	1030 Oakdale	Room 2 sink	1.71	62	A	10	3	48	10	0.49	9.33	<0.1	0.3	35	
11/28/07	1030 Oakdale	Room 2 Fountain	1.66	62	A	10	3	48	10	0.5	9.3	0.1	0.2	67	
11/28/07	1030 Oakdale	Room 3 sink	1.72	61	A	10	3	48	10	0.51	9.3	<0.1	0.2	77	
11/29/07	100 Whitney Young	Bldg A Kitchen	1.85	58	A	8	4	47	8	0.38	9.43	<0.1	0.1	2.0	
11/29/07	100 Whitney Young	Bldg A Room 3	1.83	60	P	10	4	47	10	0.4	9.39				
11/29/07	100 Whitney Young	Bldg A Room 2	1.82	64	A	12	4	47	12	0.38	9.38	-	-	-	
11/29/07	100 Whitney Young	Bldg A Room 1	1.81	60	A	12	4	47	10	0.4	9.35	-	-	-	

11/29/07	100 Whitney Young	Bldg A Left Fountain	1.86	60	A	10	4	47	10	0.4	9.39	<0.1	0.1	2.4	
11/29/07	100 Whitney Young	Bldg A Right Fountain	1.83	56	A	8	4	47	8	0.41	9.36	<0.1	0.1	2.0	
12/03/07	100 Whitney Young	Bldg A Room 3	1.90	60	A	10	3	48	10	0.38	9.5				Resample
12/05/07	Central Radio Station	Restroom cold tap	0.01	62	A	16	6	77	24	0.74	8.67				

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is >15

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15

**Mayor's Bottled Water Directive**  
**Muni Facilities-Drinking Fountains/ Break Rooms**  
**10/18/07 - 12/19/07**

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO3	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments ABC
10/24/07	901 Rankin	DET admin fountain	1.30	60	A	10	3	45	10	0.46	9.27	<0.1	0.17	4	
10/24/07	901 Rankin	Coffee room	1.46	66	A	10	3	46	10	0.44	9.33	<0.1	0.17	-	
10/24/07	901 Rankin	Machine shop fountain	1.25	68	A	10	3	45	10	0.56	9.00	<0.1	0.2	78	See C
10/24/07	901 Rankin	Acid room	1.46	68	A	10	3	46	10	0.49	9.26	<0.1	0.2	-	
10/24/07	901 Rankin	PMR cage Bibb	1.38	74	A	10	3	45	10	0.38	9.19	<0.1	0.16	3	
10/23/07	1401 Bryant	Lunch Room	1.68	65	A	10	3	46	10	0.34	9.43	<0.1	0.11	16	See C
10/23/07	2502 Alameda	Lunch Room	0.03	70	A	14	4	64	14	0.32	9.49	<0.1	0.14	-	See A
10/23/07	1001 22nd St	Gilley	1.79	64	A	10	3	46	10	0.67	9.45	<0.1	0.2	-	
10/23/07	1095 Indiana	308	1.78	70	A	10	3	47	10	0.48	9.41	<0.1	0.17	-	
10/23/07	1095 Indiana	Fountain	1.75	74	A	10	3	47	10	0.4	9.38	<0.1	0.14	-	
10/23/07	1095 Indiana	2nd floor	1.74	62	A	10	3	47	10	0.5	9.41	<0.1	0.17	-	
10/23/07	1095 Indiana	2nd DF	1.70	62	A	10	3	47	10	0.52	9.43	<0.1	0.18	-	
10/23/07	1095 Indiana	Lunch	1.67	68	A	10	3	47	10	0.6	9.39	<0.1	0.19	-	
10/22/07	1940 Harrison	Gilley room	1.70	62	A	10	3	50	10	0.46	9.46	<0.1	0.16	-	
10/22/07	1940 Harrison	Fountain near lockers	1.76	54	A	10	3	49	10	0.74	9.47	<0.1	0.24	<1	
10/22/07	1940 Harrison	Lunch room	1.74	64	A	10	3	49	10	0.73	9.45	<0.1	0.25	-	
10/22/07	2500 Mariposa	Operations lunch 221	1.79	66	A	22	6	91	22	0.51	9.18	<0.1	0.17	-	
10/22/07	2500 Mariposa	Operations kitchen 227	1.78	64	A	22	6	92	22	0.48	9.14	<0.1	0.17	<1	
10/22/07	2500 Mariposa	Maintenance lunch 124	1.76	66	A	22	6	93	22	0.39	9.16	<0.1	0.14	-	
10/22/07	1849 Harrison	Fountain near telephone	1.70	62	A	10	3	49	10	0.95	9.43	<0.1	0.28	4	
10/22/07	1849 Harrison	2nd floor lunch 157	1.73	62	A	10	3	50	10	0.5	9.41	<0.1	0.18	-	
10/22/07	1849 Harrison	2nd floor fountain	1.63	65	A	10	3	50	10	0.52	9.37	<0.1	0.17	4	
10/19/07	151 Beach	Lunch room	1.47	76	A	16	5	57	12	0.35	9.12	N/A	N/A	<1	
10/19/07	1201 Mason	1st floor lunch room	1.71	66	A	22	6	90	22	0.4	8.97	N/A	N/A	2	
10/19/07	1201 Mason	2nd floor lunch room	1.62	66	A	22	6	89	22	0.38	8.82	N/A	N/A	<1	
10/18/07	949 Presidio	Reproduction Shop	0.02	64	A	24	8	95	26	0.9	8.26	<0.1	0.53	1	See A & B
10/18/07	949 Presidio	2nd Floor ladies restroom	1.73	62	A	10	3	50	10	0.5	9.41	<0.1	0.18	820	See C
10/18/07	949 Presidio	M. Kirchanski office	0.98	78	A	20	6	89	26	0.41	9.13	<0.1	0.11	2	See A
10/18/07	949 Presidio	A moy office	1.73	66	A	22	6	89	24	0.46	9.14	<0.1	0.14	1	
10/18/07	949 Presidio	Room 221	1.28	64	A	24	5	90	26	1.42	9.14	<0.1	0.26	116	See B & C
10/18/07	949 Presidio	Room 223	1.52	66	A	22	5	89	24	0.41	9.02	<0.1	0.11	5	
10/18/07	949 Presidio	Room 227	1.74	60	A	24	8	89	22	0.31	9.15	<0.1	0.17	1	
10/18/07	949 Presidio	2nd floor lunch room	1.06	66	A	22	6	90	24	0.43	8.88	<0.1	<0.1	1	
10/18/07	875 Presidio	Lunch room	1.74	62	A	22	5	88	26	0.36	9.15	<0.1	0.12	1	
10/18/07	2640 Geary	1st Floor Fountain	1.76	68	A	22	5	88	26	0.36	9.15	<0.1	0.12	3	
10/18/07	2640 Geary	Lunch Room	1.10	66	A	22	6	89	24	0.41	8.9	<0.1	0.1	101	See C

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO3	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <small>ABC</small>
10/18/07	2640 Geary	IT Kitchen	1.56	66	A	8	3	90	24	0.39	9.13	<0.1	0.2	6	
10/19/07	151 Beach	Lunch Room	1.47	76	A	16	5	57	12	0.35	9.12	<0.1	<0.1	<1	
10/19/07	1204 Mason	1 <sup>st</sup> Floor Lunch Room	1.71	66	A	22	6	90	22	0.4	8.97	<0.1	<0.1	2	
10/19/07	1204 Mason	2 <sup>nd</sup> Floor Lunch Room	1.62	66	A	22	6	89	22	0.38	8.82	<0.1	<0.1	<1	
10/30/07	425 Geneva	2 <sup>nd</sup> Floor Lunch Room	1.99	62	A	22	6	89	22	0.31	9.22	<0.1	0.1	-	
10/30/07	425 Geneva	1 <sup>st</sup> Floor Coffee Room	2.00	64	A	22	6	92	22	0.3	9.20	<0.1	0.1	-	
10/30/07	2200 San Jose	Mezzanine Lunch room	1.99	60	A	22	6	89	22	0.32	9.23	<0.1	0.11	-	
10/30/07	2200 San Jose	Motor Shop	1.81	70	A	22	6	84	22	0.48	9.21	<0.1	0.17	-	
10/30/07	2301 San Jose	2 <sup>nd</sup> Floor Lunch room	1.58	66	A	22	6	92	22	0.34	9.13	<0.1	0.12	-	
11/02/07	700 Pennsylvania	Building C Lunch room	1.77	62	A	12	4	47	12	0.38	9.35	<0.1	0.1	-	
11/02/07	700 Pennsylvania	Building D Lunch Room	1.76	66	A	14	3	47	16	0.35	9.36	<0.1	0.1	-	
11/02/07	700 Pennsylvania	Building D Paint Shop	1.82	64	A	14	3	47	12	0.46	9.35	<0.1	0.2	-	
11/02/07	700 Pennsylvania	Building A Machine Shop	1.63	66	A	12	3	47	16	0.67	9.34	<0.1	0.2	-	
11/02/07	700 Pennsylvania	Building B Corp. Lunch	1.76	66	A	14	3	47	20	0.37	9.33	<0.1	0.1	-	
11/13/07	505- 7 <sup>th</sup> Street	Second floor	1.77	66	A										
11/13/07	505-7 <sup>th</sup> Street	First Floor	1.76	63	A										
11/13/07	501-10 <sup>th</sup> Street	Sink	1.71	62	A										
11/13/07	2323 Cesar Chaves	DPT Trailer	1.74	64	A										
11/13/07	1975-99 Bryant	Lunch sink	1.74	64	A										
12/19/07	151 Beach	Men's Room	1.89	58	A										
12/19/07	1580 Burke	Men's room	1.91	63	A										

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent ; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is >15ppb

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb

**Mayor's Bottled Water Directive**  
**Muni Facilities**-Drinking Fountains/ Break Rooms  
**Repeat Sample**

Date	Address	Sample Location	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <i>ABC</i>
10/18/07	949 Presidio	2 <sup>nd</sup> Floor ladies restroom	<0.1	0.18	820	See <i>C</i>
10/18/07	949 Presidio	Room 221	<0.1	0.26	116	See <i>B &amp; C</i>
10/18/07	2640 Geary	Lunch Room	<0.1	0.1	101	See <i>C</i>
01/04/08	949 Presidio	2 <sup>nd</sup> Floor ladies restroom	<0.1	12.09	121.1	See <i>C</i>
01/04/08	949 Presidio	Room 221	<0.1	<0.1	3.65	
01/04/08	2640 Geary	Lunch Room	<0.1	0.1	3.51	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb



# Mayor's Bottled Water Directive

## Oceanside Wastewater Treatment Plant Drinking Fountains/Break Rooms

### 07/31/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
07/31/08	3500 Great Highway	930 lunchroom	1.77	64	A	24	8	95	30	0.22	9.04				

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb



**SAN FRANCISCO PUBLIC UTILITIES COMMISSION**

**WATER QUALITY DIVISION**

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



June 9, 2008

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GENERAL MANAGER

**ANDREW DeGRACA**  
DIVISION DIRECTOR

Mr. Brad Drda  
SFRD  
501 Tunnel Ave  
San Francisco, CA 94134

Dear Mr. Drda,

This letter is in response to your inquiry regarding the water quality at SF Recycling Pier 96 San Francisco, CA

The San Francisco Public Utilities Commission (SFPUC) supplies its customer with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized [site conditions \(e.g. inactive service, low water use, in-house plumbing problems, etc.\)](#) [Water degradation may create unnecessary aesthetic problems with the drinking water.](#)

At your request water samples were collected from your facility at Pier 96 on June 4, 2008.

Attached you will find the analytical results for these samples. The results were within the expected range and do not indicate any building problems.

If you have any questions, please contact me.

Thank you,

Jim Blue  
Water Quality Inspector  
SFPUC-WQD  
(650) 652-3133

Deleted: ¶  
¶

# Water Sampling

## SF Recycling Pier 96 Break Rooms

### 06/04/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <sup>AB</sup>
06/04/08	Pier 96	Block house 2 <sup>nd</sup> flr	1.37	64	A	18	4	59	16	0.26	9.38	<0.1	<0.1	N/A	
06/04/08	Pier 96	East breakroom sink	1.57	66	A	16	4	58	18	0.23	9.38	<0.1	<0.1	N/A	
06/04/08	Pier 96	Shop sink	1.50	62	A	16	4	58	16	0.34	9.38	<0.1	<0.1	N/A	

<sup>1</sup> Anything <1.0 indicates very low tap usage, building dead end, or high building detention time

<sup>2</sup> A is Absent; P is Present

<sup>3</sup> Turbidity above 1.0 indicates some type of plumbing issue (i.e. corrosion)

<sup>4</sup> Regulatory Action Level is 1.3

<sup>5</sup> Regulatory secondary Aesthetic (non-health) standard is 0.3

<sup>6</sup> Regulatory action level is <15ppb

N/A Unable to take first draw sample

Comments

<sup>A</sup> Lower Chlorine / High Temperature = Low usage, Flush

<sup>B</sup> High NTU/High Iron = Galvanized pipe

<sup>C</sup> High Level >15ppb

# Water Sampling

## Recreation & Park Break Rooms

### 06/04/08

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02/20/08	811 Stanyan	811 Stanyan	1.90	54	A	28	14	179	32	0.13	8.57	<0.1	<0.1	2.103	
02/20/08	755 Stanyan	755 Stanyan	1.55	80	A	28	14	180	32	0.15	8.58	<0.1	<0.1	N/A	

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# SAN FRANCISCO PUBLIC UTILITIES COMMISSION

## WATER QUALITY DIVISION

1657 ROLLINS ROAD, BURLINGAME, CA 94010 • Tel. (650) 652-3100 • Fax (650) 652-3142



September 26, 2008

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**ANDREW DeGRACA**  
DIVISION DIRECTOR

Ms. Lisa Mazuca  
Southeast WPCP  
750 Phelps  
San Francisco, California 94124

Re: Bottled Water Purchase Phase Out – Wastewater Treatment  
Facilities Water Quality Inspection Sampling Results

Dear Ms. Mazuca,

The San Francisco Public Utilities Commission (SFPUC) supplies its customers with water that meets or exceeds all federal and state Safe Drinking Water Act requirements. In some rare cases, water quality can degrade within buildings due to localized plumbing problems leading to consumer concerns. At your request, the SFPUC recently inspected your facility and collected water samples to determine if any localized plumbing problem exists. The results of the inspection and sampling (attached) showed that the vast majority of sample results were within normal ranges. You have a few isolated minor issues at the highlighted sample site locations shown on the attachment. These minor issues can be mitigated by conducting more frequent flushing before using the water. Alternatively, your department can consider installing a bottle-less water dispenser, containing an aesthetic point-of-use filter, which can be procured via an existing Purchasing Department contract.

If you have any additional questions, please feel free to contact Ken Payne (650) 652-3132 or me.

Sincerely,

Andrew DeGraca, P.E.

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# Mayor's Bottled Water Directive

## Wastewater Treatment Plants Breakrooms/Fountains

### 09/23/08

Date	Address	Sample Location	Chlorine Residual <sup>1</sup>	Temp °F	Total Coliform Bacteria <sup>2</sup>	Alkalinity MG/L	Chloride MG/L	Conductivity UMHOS/CM	Hardness CaCO <sub>3</sub>	Turbidity NTU <sup>3</sup>	pH	Copper MG/L <sup>4</sup>	Iron MG/L <sup>5</sup>	Lead UG/L <sup>6</sup>	Comments <small>ABC</small>
10/16/07	T.I. Treatment Plant	Kitchen sink	1.17	64	A	16	3	64	18	0.38	9.18	0.1	0.1	N/A	
07/31/08	Oceanside WPCP	930 lunch room	1.77	64	A	24	8	95	30	0.22	9.04	<0.1	<0.1	1	
09/03/08	Northpoint WPCP	kitchen	0.02	70	A	20	5	77	20	0.31	9.5	<0.1	.14	1.4	A
09/03/08	Northpoint WPCP	Maintenance shop	1.35	70	A	14	4	62	14	0.34	9.06	<0.1	.2	2.167	
09/16/08	Southeast WPCP	SEP 930 room 109	1.84	70	A	14	4	60	14	0.18	9.23	<0.1	<0.1	N/A	
09/16/08	Southeast WPCP	SEP 940 2 <sup>nd</sup> flr rest	1.97	70	A	14	4	59	14	0.2	9.22	<0.1	<0.1	1.63	
09/16/08	Southeast WPCP	SEP 940 1 <sup>st</sup> flr foun	1.99	60	A	14	4	59	14	0.21	9.24	<0.1	<0.1	2.05	
09/16/08	Southeast WPCP	SEP Planning Trailer	1.96	69	A	14	4	58	14	0.21	9.19	<0.1	<0.1	1.4	
09/16/08	Southeast WPCP	SEP 260	1.92	70	A	14	3	59	14	0.21	9.17	<0.1	<0.1	3.92	
09/16/08	Southeast WPCP	SEP Safety Trailer	1.87	64	A	14	4	59	14	0.42	9.1	<0.1	<0.1	N/A	
09/16/08	Southeast WPCP	SEP 970	1.89	70	A	14	4	59	14	0.18	9.19	<0.1	<0.1	1.29	
09/16/08	Southeast WPCP	Watch 6 Shop	1.94	66	A	14	4	59	14	0.18	9.22	0.137	<0.1	12.42	
09/16/08	Southeast WPCP	SEP 850	2.09	74	A	14	4	60	14	0.21	9.2	<0.1	<0.1	0.70	
09/16/08	Southeast WPCP	SEP 780	1.86	68	A	14	4	59	14	0.23	9.06	<0.1	<0.1	0.60	

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