



San Francisco  
Water & Sewer

Services of the San Francisco Public Utilities Commission

Wastewater Enterprise  
Collection System Division

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San Francisco, CA 94124

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www.sfwater.org

October 3, 2011

Mr. Bert Luistro  
Program Manager  
UCSF - Main Campus  
Office of Environmental Health & Safety  
50 Medical Center Way  
San Francisco, CA 94143

SIC/ID: 8221/00934

**SUBJECT: Pollutant analytical results**

Dear Mr. Bert Luistro :

The Wastewater Enterprise/Collection System Division recently collected grab and composite samples from six waste streams, which discharge from UCSF Parnassis into the City and County of San Francisco's sewerage system. All of the sampling and analyses were performed in accordance with procedures established by the Environmental Protection Agency (EPA) pursuant to Section 304 (g) of the Clean Water Act, and contained in 40 CFR Part 136, and amendments thereto. Summaries of the test results are enclosed.

With one exception (a 1-day violation of the zinc limit at Site B, 7-13-11), the analytical results showed that during the monitored period, your facility's process wastewater discharges were in compliance with the City and County of San Francisco's discharge limits for heavy metals and pH. Those limits are contained in Section 123(a) of Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1 (hereinafter referred to as "Article 4.1"), and in the City's Department of Public Works Order No. 158170.

Please note that compliance during the monitored period does not alter your continuing duty to comply with all of the limitations and prohibitions contained in your facility's permit, and/or in Section 123 of Article 4.1.

If you have any questions about the information provided, please contact Dr. John Gregson at 415-695-7358.

Sincerely,

Bruce Seale, Acting Manager  
Pretreatment Program  
Wastewater Enterprise / Collection System Division

Enclosure

CITY AND COUNTY OF SAN FRANCISCO  
**Wastewater Enterprise/Collection System Division**  
 TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

DATE: 08/08/2011

SOURCE UCSF - Main Campus, SITE B (Emergency exit driveway - Site B)

REQUEST 23709

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	07/12/11	ND	ND	0.131	3.204	ND	0.0150	0.157	ND	8.731		
2	07/13/11	ND	ND	0.116	2.224	ND	0.0040	0.170	ND	7.897		
3	07/14/11	ND	ND	0.008	0.240	ND	0.0005	0.027	ND	0.911		
4	07/15/11	ND	ND	ND	0.054	ND	ND	0.010	ND	0.138		
5	07/19/11	ND	ND	0.002	0.072	0.049	ND	0.007	ND	0.113		
AVERAGE VALUES (mg/L)		ND	ND	0.052	1.159	ND	0.0039	0.074	ND	3.558		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	N/A	0.131	3.204	0.049	0.0150	0.170	N/A	8.731	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	2	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	1	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D  
 ND = Not detected above the MDL      N/A = Not Applicable      TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

08/08/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Main Campus - SITE B

SIC/ID #: 8221 / 00934

REQUEST: 23709

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/12/2011	1201	7.70	No
2	07/13/2011	1125	7.75	No
3	07/14/2011	1015	6.95	No
4	07/15/2011	1015	7.44	No
5	07/19/2011	1137	7.55	No
6	07/20/2011	1159	7.60	No
7	07/21/2011	1228	7.30	No
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Local pH Limit:

**6.0 min. ; 9.5 max.**

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))

CITY AND COUNTY OF SAN FRANCISCO  
**Wastewater Enterprise/Collection System Division**  
 TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

DATE: 10/03/2011

SOURCE UCSF - Main Campus, SITE D (On sidewalk, next to news racks - Site D)

REQUEST 23710

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*											
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols	
1	07/13/11	ND	0.002	ND	0.026	ND	ND	ND	ND	ND	0.046		
2	07/14/11	ND	ND	ND	0.671	ND	ND	ND	ND	ND	0.054		
3	07/15/11	ND	ND	ND	0.033	0.025	0.0002	ND	ND	ND	0.049		
4	07/19/11	ND	ND	0.002	0.051	0.078	ND	0.007	ND	ND	0.046		
5	07/20/11	ND	ND	0.003	0.052	0.080	ND	ND	ND	ND	0.053		
6	07/21/11	ND	ND	ND	0.041	ND	ND	ND	ND	ND	0.029		
AVERAGE VALUES (mg/L)		ND	ND	ND	0.146	0.031	ND	ND	ND	ND	0.046		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	0.002	0.003	0.671	0.080	0.0002	0.007	N/A	0.054	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D  
 ND = Not detected above the MDL      N/A = Not Applicable      TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

10/03/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Main Campus - SITE D

SIC/ID #: 8221 / 00934

REQUEST: 23710

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/13/2011	1115	7.56	No
2	07/14/2011	949	7.65	No
3	07/15/2011	1000	6.75	No
4	07/19/2011	1130	6.95	No
5	07/20/2011	1155	7.23	No
6	07/21/2011	1215	7.62	No
7	07/22/2011	1050	6.90	No
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Local pH Limit:

**6.0 min. ; 9.5 max.**

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))

CITY AND COUNTY OF SAN FRANCISCO  
**Wastewater Enterprise/Collection System Division**  
 TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

DATE: 08/08/2011

SOURCE UCSF - Main Campus, SITE F (MH between HSE & HSW - Site F)

REQUEST 23711

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	07/14/11	ND	ND	ND	0.034	0.023	0.0004	ND	ND	0.055		
2	07/15/11	ND	ND	ND	0.059	ND	0.0019	0.012	0.015	0.227		
3	07/19/11	ND	ND	0.005	0.040	0.070	0.0013	ND	ND	0.072		
4	07/21/11	ND	ND	0.004	0.061	ND	0.0015	0.007	0.011	0.143		
5	07/22/11	ND	0.003	0.005	0.057	ND	0.0009	ND	ND	0.153		
AVERAGE VALUES (mg/L)		ND	ND	0.003	0.050	ND	0.0012	ND	ND	0.130		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	0.003	0.005	0.061	0.070	0.0019	0.012	0.015	0.227	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D  
 ND = Not detected above the MDL      N/A = Not Applicable      TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

08/08/2011

**Wastewater Enterprise/Collection System Division**

Grab pH Compliance Report

**SOURCE:** UCSF - Main Campus - SITE F

**SIC/ID #:** 8221 / 00934

**REQUEST:** 23711

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/14/2011	942	7.94	No
2	07/15/2011	945	7.83	No
3	07/19/2011	1104	7.60	No
4	07/20/2011	1145	7.26	No
5	07/21/2011	1205	7.30	No
6	07/22/2011	1040	7.23	No
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**Local pH Limit:**

**6.0 min. ; 9.5 max.**

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))

CITY AND COUNTY OF SAN FRANCISCO  
**Wastewater Enterprise/Collection System Division**  
 TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

DATE: 10/03/2011

SOURCE UCSF - Main Campus, SITE G (On sidewalk, proprietary MH - Site G)

REQUEST 23712

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	07/13/11	ND	ND	ND	0.055	0.043	ND	0.007	ND	0.121		
2	07/14/11	ND	ND	ND	0.031	0.039	ND	ND	ND	0.091		
3	07/15/11	ND	ND	ND	0.013	ND	ND	ND	ND	0.023		
4	07/19/11	ND	ND	ND	0.023	0.111	ND	0.009	ND	0.027		
5	07/20/11	ND	ND	ND	0.018	0.068	ND	ND	ND	0.023		
6	07/21/11	ND	ND	ND	0.010	ND	ND	ND	ND	0.014		
AVERAGE VALUES (mg/L)		ND	ND	ND	0.025	0.043	ND	ND	ND	0.050		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	N/A	N/A	0.055	0.111	N/A	0.009	N/A	0.121	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D  
 ND = Not detected above the MDL      N/A = Not Applicable      TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)



CITY AND COUNTY OF SAN FRANCISCO

10/03/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

**SOURCE:** UCSF - Main Campus - SITE G

**SIC/ID #:** 8221 / 00934

**REQUEST:** 23712

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/13/2011	1108	7.66	No
2	07/14/2011	928	7.46	No
3	07/15/2011	935	6.91	No
4	07/19/2011	1125	7.31	No
5	07/20/2011	1134	7.80	No
6	07/21/2011	1153	7.50	No
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**Local pH Limit:**

**6.0 min. ; 9.5 max.**

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))

CITY AND COUNTY OF SAN FRANCISCO  
**Wastewater Enterprise/Collection System Division**  
 TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

DATE: 08/08/2011

SOURCE UCSF - Main Campus, SITE I (Sidewalk; proprietary MH - Site I)

REQUEST 23713

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*											
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols	
1	07/20/11	ND	ND	ND	0.062	0.054	ND	ND	ND	ND	0.048		
2	07/21/11	ND	ND	ND	0.143	ND	ND	ND	ND	ND	0.145		
3	07/22/11	ND	ND	0.003	0.041	ND	ND	ND	ND	ND	0.043		
4	07/28/11	ND	0.002	ND	0.039	ND	ND	ND	ND	ND	0.094		
AVERAGE VALUES (mg/L)		ND	ND	ND	0.071	ND	ND	ND	ND	ND	0.083		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	0.002	0.003	0.143	0.054	N/A	N/A	N/A	0.145	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D  
 ND = Not detected above the MDL      N/A = Not Applicable      TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

08/08/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

**SOURCE:** UCSF - Main Campus - SITE I

**SIC/ID #:** 8221 / 00934

**REQUEST:** 23713

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/20/2011	1130	8.30	No
2	07/21/2011	1146	7.56	No
3	07/22/2011	1008	6.93	No
4	07/26/2011	1220	7.50	No
5	07/28/2011	1204	7.84	No
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**Local pH Limit:** 6.0 min. ; 9.5 max.

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))

## CITY AND COUNTY OF SAN FRANCISCO

DATE: 08/08/2011

## Wastewater Enterprise/Collection System Division

## TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

SOURCE UCSF - Main Campus, SITE J (MH in Dentistry bldg. driveway - Site J)

REQUEST 23714

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	07/20/11	ND	ND	ND	0.011	0.055	ND	ND	ND	0.034		
2	07/21/11	ND	ND	ND	0.011	ND	ND	ND	ND	0.027		
3	07/22/11	ND	ND	ND	0.013	ND	ND	ND	ND	0.039		
4	07/28/11	ND	ND	ND	0.041	ND	0.0024	ND	0.010	0.136		
AVERAGE VALUES (mg/L)		ND	ND	ND	0.019	ND	0.0006	ND	ND	0.059		

## COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.00	0.50	5.00	4.00	1.50	0.050	2.00	0.60	7.00	1.00	23.00
SINGLE SAMPLE MAXIMUM	N/A	N/A	N/A	0.041	0.055	0.0024	N/A	0.010	0.136	N/A	N/A
VIOLATION(S)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
POTENTIAL NUMBER OF TRC VIOLATIONS	0	0	0	0	0	0	0	0	0	0	0
DETECTION LIMITS	0.024	0.002	0.002	0.007	0.022	0.0002	0.006	0.006	0.002	0.010	0.05
FEDERAL DAILY MAX. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FEDERAL MONTHLY AVG. LIMITS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* EPA/Standard Methods: As,Cd,Cr,Cu,Pb,Ni,Ag,Zn - EPA200.7, Hg - EPA245.1, CN(T) - SM4500 CN-, Phenol - SM5530D

ND = Not detected above the MDL

N/A = Not Applicable

TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

08/08/2011

**Wastewater Enterprise/Collection System Division**

Grab pH Compliance Report

**SOURCE:** UCSF - Main Campus - SITE J

**SIC/ID #:** 8221 / 00934

**REQUEST:** 23714

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	07/20/2011	1120	8.11	No
2	07/21/2011	1140	6.86	No
3	07/22/2011	1010	6.14	No
4	07/28/2011	1154	7.26	No
5	08/02/2011	1035	7.63	No
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**Local pH Limit:**

**6.0 min. ; 9.5 max.**

(Chapter X (Public Works Code) of Part II of the San Francisco Municipal Code, Article 4.1, Section 123(a)(1))