



SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Wastewater Enterprise/Collection System Division
3801 Third Street, Suite 600, San Francisco, CA 94124 • Tel. (415) 695-7310 • Fax (415) 695-7388



February 10, 2011

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

SIC/ID: 8221/02205

SUBJECT: Pollutant analytical results

Dear Mr. Bert Luistro :

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

The enclosed summaries of analytical results show that during the monitored period, the process wastewater discharges were in compliance with the City's discharge limits for pH and heavy metals. On one day (1-14-11) there was an infinitesimal exceedance of the zinc limit at Site 2 (7.036 mg/L vs. 7.0 mg/L). Those limits are contained in Section 123 of Article 4.1, Chapter X, Part II of the San Francisco Municipal Code, 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, Chapter X, Part II of the San Francisco Municipal Code.

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

Sincerely,

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

Enclosure

CITY AND COUNTY OF SAN FRANCISCO

DATE: 02/10/2011

Wastewater Enterprise/Collection System Division

TOXIC POLLUTANT COMPLIANCE MONITORING REPORT

SOURCE UCSF - Mission Bay Campus, #1 - SSV (SSV in sw on 16th)

REQUEST 23375

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	01/11/11	BDL	BDL	0.005	0.065	BDL	BDL	BDL	0.009	0.029		
2	01/12/11	BDL	BDL	BDL	0.045	0.121	BDL	BDL	0.007	0.031		
3	01/13/11	BDL	BDL	BDL	0.026	0.130	BDL	0.009	0.007	0.013		
4	01/14/11	BDL	BDL	0.008	0.021	BDL	BDL	0.012	BDL	0.015		
5	01/19/11	BDL	BDL	BDL	0.036	BDL	BDL	BDL	BDL	0.015		
AVERAGE VALUES (mg/L)		BDL	BDL	0.003	0.038	0.050	BDL	BDL	BDL	0.020		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.0	0.5	5.0	4.0	1.5	0.05	2.0	0.6	7.0	1.0	23.0
SINGLE SAMPLE MAXIMUM	N/A	N/A	0.008	0.065	0.130	N/A	0.012	0.009	0.031	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
 BDL = BELOW DETECTION LIMIT N/A = Not Applicable TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

02/10/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Mission Bay Campus - #1 - SSV

SIC/ID #: 8221 / 02205

REQUEST: 23375

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	01/11/2011	1055	8.74	No
2	01/12/2011	1150	8.30	No
3	01/13/2011	1140	8.90	No
4	01/14/2011	1130	8.80	No
5	01/19/2011	1028	8.85	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: 02/10/2011

SOURCE UCSF - Mission Bay Campus, #2 - SSV (Sidewalk on 16th; east of #1.)

REQUEST 23376

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	01/11/11	BDL	0.005	0.008	0.022	0.101	BDL	BDL	BDL	0.189		
2	01/12/11	BDL	0.003	0.012	0.301	0.181	BDL	0.017	BDL	0.052		
3	01/13/11	BDL	0.006	BDL	0.066	0.143	BDL	0.007	BDL	0.289		
4	01/14/11	BDL	BDL	0.447	1.548	0.521	BDL	0.194	BDL	7.036		
5	01/19/11	BDL	BDL	0.004	0.252	BDL	0.0003	0.047	BDL	0.069		
AVERAGE VALUES (mg/L)		BDL	0.003	0.094	0.438	0.189	BDL	0.053	BDL	1.527		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.0	0.5	5.0	4.0	1.5	0.05	2.0	0.6	7.0	1.0	23.0
SINGLE SAMPLE MAXIMUM	N/A	0.006	0.447	1.548	0.521	0.0003	0.194	N/A	7.036	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	1	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
 BDL = BELOW DETECTION LIMIT N/A = Not Applicable TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

02/10/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Mission Bay Campus - #2 - SSV

SIC/ID #: 8221 / 02205

REQUEST: 23376

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	01/11/2011	1040	8.80	No
2	01/12/2011	1128	8.33	No
3	01/13/2011	1126	8.86	No
4	01/14/2011	1117	8.70	No
5	01/19/2011	1013	9.00	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: 02/10/2011

SOURCE UCSF - Mission Bay Campus, #3 - SSV (In sw on 4th St., just north of 16th.)

REQUEST 23377

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	01/12/11	BDL	0.003	BDL	0.120	0.148	BDL	0.016	BDL	0.052		
2	01/13/11	BDL	0.002	BDL	0.076	0.155	BDL	0.012	BDL	0.045		
3	01/14/11	BDL	BDL	BDL	0.084	BDL	BDL	BDL	BDL	0.042		
4	01/19/11	BDL	BDL	0.003	0.099	BDL	BDL	0.010	0.048	0.060		
5	01/20/11	BDL	BDL	0.004	0.143	BDL	0.0005	0.009	0.043	0.165		
AVERAGE VALUES (mg/L)		BDL	BDL	BDL	0.104	0.061	BDL	0.009	0.018	0.073		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.0	0.5	5.0	4.0	1.5	0.05	2.0	0.6	7.0	1.0	23.0
SINGLE SAMPLE MAXIMUM	N/A	0.003	0.004	0.143	0.155	0.0005	0.016	0.048	0.165	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
 BDL = BELOW DETECTION LIMIT N/A = Not Applicable TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Mission Bay Campus - #3 - SSV**SIC/ID #:** 8221 / 02205**REQUEST:** 23377

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	01/12/2011	1113	8.65	No
2	01/13/2011	1058	8.70	No
3	01/14/2011	1100	8.50	No
4	01/19/2011	935	8.62	No
5	01/20/2011	1015	8.72	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: 02/10/2011

SOURCE UCSF - Mission Bay Campus, #4 - SSV (In sidewalk near water meter; "southerly" end of b)

REQUEST 23378

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	01/12/11	BDL	BDL	BDL	0.045	0.150	BDL	BDL	BDL	0.058		
2	01/13/11	BDL	0.002	BDL	0.062	0.170	BDL	0.007	BDL	0.098		
3	01/14/11	BDL	BDL	0.002	0.024	BDL	BDL	BDL	BDL	0.042		
4	01/19/11	BDL	BDL	0.003	0.087	BDL	BDL	0.009	BDL	0.122		
5	01/20/11	0.240	0.020	0.020	0.191	0.220	BDL	0.060	0.060	0.576		
AVERAGE VALUES (mg/L)		0.048	0.004	0.005	0.082	0.108	BDL	0.015	0.012	0.179		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.0	0.5	5.0	4.0	1.5	0.05	2.0	0.6	7.0	1.0	23.0
SINGLE SAMPLE MAXIMUM	0.240	0.020	0.020	0.191	0.220	N/A	0.060	0.060	0.576	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
 BDL = BELOW DETECTION LIMIT N/A = Not Applicable TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

02/10/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Mission Bay Campus - #4 - SSV

SIC/ID #: 8221 / 02205

REQUEST: 23378

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	01/12/2011	1056	8.72	No
2	01/13/2011	1112	8.55	No
3	01/14/2011	1003	8.62	No
4	01/19/2011	949	9.00	No
5	01/20/2011	1036	8.86	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: 02/10/2011

SOURCE UCSF - Mission Bay Campus, #5 - SSV (In sidewalk on 4th Street, toward north end.)

REQUEST 23379

DAY	Sample Date	TOXIC POLLUTANT ANALYSIS TABLE (mg/L)*										
		[As]	[Cd]	[Cr]	[Cu]	[Pb]	[Hg]	[Ni]	[Ag]	[Zn]	[CN(T)]	Phenols
1	01/13/11	BDL	BDL	BDL	0.095	0.125	BDL	0.007	BDL	0.244		
2	01/14/11	BDL	BDL	0.004	0.093	0.043	BDL	BDL	BDL	0.259		
3	01/19/11	0.240	0.020	0.020	0.154	0.220	BDL	0.060	0.060	0.699		
4	01/20/11	0.240	0.020	0.020	0.060	0.220	BDL	0.060	0.060	0.403		
5	01/21/11	0.240	0.020	0.020	0.113	0.220	BDL	0.060	0.060	0.441		
AVERAGE VALUES (mg/L)		0.144	0.012	0.013	0.103	0.166	BDL	0.037	0.036	0.409		

COMPLIANCE STATUS

CCSF LOCAL LIMITS	4.0	0.5	5.0	4.0	1.5	0.05	2.0	0.6	7.0	1.0	23.0
SINGLE SAMPLE MAXIMUM	0.240	0.020	0.020	0.154	0.220	N/A	0.060	0.060	0.699	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
 BDL = BELOW DETECTION LIMIT N/A = Not Applicable TRC = TECHNICAL REVIEW CRITERIA (1.2 X LOCAL LIMIT)

CITY AND COUNTY OF SAN FRANCISCO

02/10/2011

Wastewater Enterprise/Collection System Division

Grab pH Compliance Report

SOURCE: UCSF - Mission Bay Campus - #5 - SSV

SIC/ID #: 8221 / 02205

REQUEST: 23379

	Sample Date	Sample Time (Hours)	pH Measurement	pH Limit Violation?
1	01/13/2011	1036	7.80	No
2	01/14/2011	1037	7.95	No
3	01/19/2011	909	8.92	No
4	01/20/2011	947	9.00	No
5	01/21/2011	1117	8.55	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))