



**Pacific Gas and  
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**David E. Harnish**  
Manager  
Environmental Remediation

October 31, 2013

Mr. Michael Wall and Mr. Paul Hibser  
Air Quality Specialists  
Bay Area Air Quality Management District  
929 Ellis Street  
San Francisco, CA 94109

**Subject: Biweekly Asbestos (TEM) Monitoring Report for  
October 12 through October 25, 2013.  
Former Hunter's Point Power Plant Site,  
151 Jennings Street, San Francisco, CA 94124  
ADMP RIN #NOA0055**

Dear Mr. Wall and Mr. Hibser:

Please find attached the bi-weekly report of asbestos monitoring of the former Hunters Point Power Plant Site. PG&E is currently working on Cooling Water Tunnel Closure Project, and air monitoring for asbestos is implemented in accordance with the BAAQMD approved Asbestos Dust Mitigation Plan (ADMP). ERM performs air monitoring in accordance with the applicable requirements and prepared the attached report. Attached also is an excel spreadsheet with all the TEM data collected from July 2009 to October 25, 2013.

Please contact me at 925-858-6564 if you have any questions.

Sincerely,

David Harnish  
Manager, Environmental Remediation

Enclosures

cc: Alex Cates, ERM  
Kevin Kendall, ERM



29 October 2013

Mr. David Harnish  
PG&E  
3401 Crow Canyon Road  
San Ramon, CA 94109

**Subject: Biweekly Asbestos (TEM) Monitoring Report for  
October 12<sup>th</sup> through October 25<sup>th</sup>  
Former Hunter's Point Power Plant Site  
1000 Evans Ave., San Francisco, CA 94124  
ADMP RIN # NOA-0055 (Amendment#2)**

Dear Mr. Harnish:

Per the Bay Area Air Quality Management District (District) letter dated May 15, 2012, the District received the revised Asbestos Dust Mitigation Plan (ADMP) amendment request on May 11, 2012, and has approved the primary asbestos dust mitigation measures for soil disturbance work.

In accordance with these protocols; attached is a tabulation of the air monitoring results for airborne asbestos analyzed by Transmission Electron Microscopy (TEM). All air testing was performed in accordance with the approved ADMP. The attached figure shows the location of the Air Monitoring Stations (AMS).

Soil disturbance work was conducted from 14 October to 16 October 2013. All soil disturbance work was completed on October 16 although site work is ongoing.

During the reporting period, there were no TEM test reports for airborne asbestos that exceed 0.016 structures per cubic centimeter (s/cc), the trigger level established for this project.

The table below lists the activity and response action at the time of the exceedance.

Date	Station ID/Area	Result (s/cc)	Average Wind Speed & Direction	Activity Onsite	Response Action
No exceedances for this reporting period.					

Please feel free to call me if you have any questions.

Sincerely,



Don Ludlam  
*Field Safety Officer/Compliance Lead*

Cell: 925-818-0314  
email: [don.ludlam@erm.com](mailto:don.ludlam@erm.com)

enclosures  
Table 1: Area Monitoring - TEM  
Figure 1: Site Plan

**TABLE 1**  
**Perimeter Zone Monitoring - Airborne Asbestos (s/cc) by TEM (CARB-modified AHERA)**  
**PG&E Former Hunters Point Power Plant - Site Management Activities**

Collection Date:	Station #	Sample ID	Start-End Time	Duration (Min)	Volume (liter)	Results (s/cc)	Wind Direction (Compass) & Speed
10/14/13 Mon	AMS-CD1	AMS-CD-1-2013-10-13	13:14-14:12	1498	5093	<0.0010	NW, NW 1.4
10/14/13 Mon	AMS-CD2	AMS-CD-2-2013-10-13	13:20-14:22	1502	5107	<0.0010	NNW, NNW 2.2
10/14/13 Mon	AMS-J1	AMS-J-1-2013-10-13	13:10-14:00	1490	5066	<0.0010	NW, NW 1.1
10/15/13 Tue	AMS-CD1	AMS-CD-1-2013-10-14	14:12-14:23	1451	4933	<0.0009	NW, NW 1.5
10/15/13 Tue	AMS-CD2	AMS-CD-2-2013-10-14	14:22-14:15	1433	4872	<0.0009	WNW, NNW 2.1
10/15/13 Tue	AMS-J1	AMS-J-1-2013-10-14	14:00-14:28	1468	4991	<0.0010	ESE, NW 1.1
10/16/13 Wed	AMS-CD1	AMS-CD-1-2013-10-15	14:23-14:11	1428	4855	0.0009	NW, ESE 1.5
10/16/13 Wed	AMS-CD2	AMS-CD-2-2013-10-15	14:15-14:17	1442	4903	0.0009	NW, NW 2.2
10/16/13 Wed	AMS-J1	AMS-J-1-2013-10-15	14:28-14:06	1418	4821	0.0037	E, ESE 1.2

NOTES:

- (1) Sampling flow rates are below 10 liters per minute, per sampling method.
- (2) Lab analysis performed by Asbestos TEM Laboratory, Berkeley, CA. (NVLAP Accreditation #: 101891-0)
- (3) Samples collected on 25-mm, 0.45-micrometer Mixed Cellulose Ester Filters in conductive cassettes.
- (4) "<" result = below detection limit for the sample.
- (5) s/cc = structures/cubic centimeter; Min = minutes; AMS = Air Monitoring Station
- (6) BAAQMD has been notified of results exceeding 0.016 s/cc, and additional dust mitigation measures have been implemented.
- (7) NA = not available

