

# SCHNEIDER LABORATORIES

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## LABORATORY ANALYSIS REPORT

High-Volume Filter Beryllium Analysis by NIOSH 7102M

**ACCOUNT #:** 3690-08-2 **DATE COLLECTED:** 12/15/2007  
**CLIENT:** Pima County Procurement Department **DATE RECEIVED:** 1/8/2008  
**ADDRESS:** 150 West Congress, 1st Floor **DATE ANALYZED:** 1/9/2008  
Tucson, AZ 85701 **DATE REPORTED:** 1/11/2008

**PROJECT NAME:** PDEQ Beryllium Study

**JOB LOCATION:** Tucson, Arizona

**PROJECT NO.:**

**PO NO.:** B504685 Rev. No: 000

**Sample Type:** PM10

SLI Sample No.	Client Sample No.	Filter Type	Filter Sample Date	Sample Location	Flow Rate (L/min)	Sample Volume (m <sup>3</sup> )	Total Beryllium (µg)*	Beryllium Conc (µg/m <sup>3</sup> )	24 Hour TWA (µg/m <sup>3</sup> )
29589326	Q4113555	PM10	12/15/07	Los Amigos Elementary	1105.40	1,511.28	< 0.20	< 0.001	< 0.001
29589327	Q4113554	PM10	12/16/07	Los Niños Elementary	1149.00	1,570.78	< 0.20	< 0.001	< 0.001
29589328	Q4113553	PM10	12/17/07	Chaparral Middle School	1205.70	1,648.29	< 0.20	< 0.001	< 0.001
29589329	Q4113552	PM10	12/18/07	Transportation Building	1230.10	1,681.73	< 0.20	< 0.001	< 0.001
29589330	Q4113551	PM10	12/19/07	Sunnyside High School	1222.40	1,671.17	< 0.20	< 0.001	< 0.001
29589331	Q4113550	PM10	12/20/07	Ocotillo Elementary #1	1239.90	1,695.10	< 0.20	< 0.001	< 0.001
29589332	Q4113549	PM10	12/20/07	Ocotillo Elementary #2	1186.30	1,621.81	< 0.20	< 0.001	< 0.001
29589333	Q4113548	PM10	12/21/07	Los Amigos Elementary	1202.80	1,644.41	< 0.20	< 0.001	< 0.001
29589334	Q4113547	PM10	12/22/07	Los Niños Elementary	1217.70	1,664.70	< 0.20	< 0.001	< 0.001
29589335	Q4113541	PM10	12/23/07	Chaparral Middle School	1196.00	1,635.15	< 0.20	< 0.001	< 0.001
29589336	Q4113540	PM10	12/24/07	Transportation Building	1216.10	1,662.58	< 0.20	< 0.001	< 0.001
29589337	Q4113539	PM10	12/25/07	Sunnyside High School	1171.30	1,601.34	< 0.20	< 0.001	< 0.001
29589338	Q4113538	PM10	12/26/07	Ocotillo Elementary #1	1232.90	1,685.57	< 0.20	< 0.001	< 0.001
29589339	Q4113537	PM10	12/26/07	Ocotillo Elementary #2	1209.70	1,653.86	< 0.20	< 0.001	< 0.001
29589340	Q4113535	PM10	12/27/07	Los Amigos Elementary	1147.90	1,569.32	< 0.20	< 0.001	< 0.001
29589341	Q4113534	PM10	12/28/07	Los Niños Elementary	1189.90	1,626.59	< 0.20	< 0.001	< 0.001
29589342	Q4113533	PM10	12/29/07	Chaparral Middle School	1200.90	1,641.74	< 0.20	< 0.001	< 0.001
29589343	Q4113532	PM10	12/30/07	Transportation Building	1175.40	1,606.97	< 0.20	< 0.001	< 0.001
29589344	Q4113531	PM10	12/31/07	Sunnyside High School	1121.50	1,533.18	< 0.20	< 0.001	< 0.001

### Total Number of Pages in Report: 2

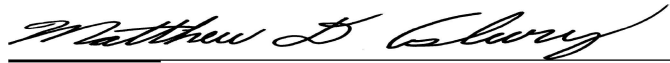
. Results relate only to samples as received by the laboratory

#### Amended Report

Minimum Reporting Limit: 0.2 µg Total Beryllium. Volume is based on client-supplied information. 24h TWA assumes zero concentration for time not sampled. Results are not blank-corrected unless noted by analyst. Quality control data is available from the laboratory upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described.

SLI Sample No.	Client Sample No.	Filter Type	Filter Sample Date	Sample Location	Flow Rate (m <sup>3</sup> /min)	Sample Volume (m <sup>3</sup> )	Total Beryllium (µg)*	Beryllium Conc (µg/m <sup>3</sup> )	24 Hour TWA (µg/m <sup>3</sup> )
29589345	Q4113536	PM10	12/21/07	FIELD BLANK			< 0.20		

Analysis Run ID: 41033

**Analyst: DEREK L. JACKSON Total Number of Pages in Report: 2 Reviewed By**

Reviewed By **Matthew D. Asbury, Lab Director**Results relate only to samples as received by the laboratory. Visit [www.slabinc.com](http://www.slabinc.com) for current certifications.**Amended Report**

*Minimum Reporting Limit: 0.2 µg Total Beryllium. Volume is based on client-supplied information. 24h TWA assumes zero concentration for time not sampled. Results are not blank-corrected unless noted by analyst. Quality control data is available from the laboratory upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described.*