



27 February, 2004

Eric Francis Coppolino  
Planet Waves, INC  
P O Box 2624  
Vashan, WA 98070

RE: New Paltz PCBs  
Work Order: S402318

Enclosed are the results of analyses for samples received by the laboratory on 02/13/04 09:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lito Diaz  
Lab Manager

CA ELAP Certificate #1624

Planet Waves, INC  
P O Box 2624  
Vashan WA, 98070

Project: New Paltz PCBs  
Project Number: [none]  
Project Manager: Eric Francis Coppolino

**S402318**  
**Reported:**  
02/27/04 12:53

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Gage 1	S402318-01	Soil	02/12/04 00:00	02/13/04 09:50
Gage 2	S402318-02	Soil	02/12/04 00:00	02/13/04 09:50
Gage 3	S402318-03	Soil	02/12/04 00:00	02/13/04 09:50
Gage 4	S402318-04	Soil	02/12/04 00:00	02/13/04 09:50
Capen1	S402318-05	Soil	02/12/04 00:00	02/13/04 09:50
Capen2	S402318-06	Wipe	02/12/04 00:00	02/13/04 09:50
Capen3	S402318-07	Soil	02/12/04 00:00	02/13/04 09:50

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**Polychlorinated Biphenyls by EPA Method 8082**  
**Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gage 1 (S402318-01) Soil    Sampled: 02/12/04 00:00    Received: 02/13/04 09:50</b>									
PCB-1016	ND	250	ug/kg	1	4020244	02/18/04	02/23/04	EPA 8082	
PCB-1221	ND	1100	"	"	"	"	"	"	
PCB-1232	ND	250	"	"	"	"	"	"	
PCB-1242	ND	250	"	"	"	"	"	"	
PCB-1248	ND	250	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>4800</b>	250	"	"	"	"	"	"	
<b>PCB-1260</b>	<b>2800</b>	250	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		100 %	50-150		"	"	"	"	
<b>Gage 2 (S402318-02) Soil    Sampled: 02/12/04 00:00    Received: 02/13/04 09:50</b>									
PCB-1016	ND	1500	ug/kg	1	4020244	02/18/04	02/23/04	EPA 8082	
PCB-1221	ND	6600	"	"	"	"	"	"	
PCB-1232	ND	1500	"	"	"	"	"	"	
PCB-1242	ND	1500	"	"	"	"	"	"	
PCB-1248	ND	1500	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>47000</b>	1500	"	"	"	"	"	"	
<b>PCB-1260</b>	<b>33000</b>	1500	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		87 %	50-150		"	"	"	"	
<b>Gage 3 (S402318-03) Soil    Sampled: 02/12/04 00:00    Received: 02/13/04 09:50</b>									
PCB-1016	ND	33	ug/kg	1	4020244	02/18/04	02/24/04	EPA 8082	
PCB-1221	ND	140	"	"	"	"	"	"	
PCB-1232	ND	33	"	"	"	"	"	"	
PCB-1242	ND	33	"	"	"	"	"	"	
PCB-1248	ND	33	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>2000</b>	66	"	2	"	"	02/23/04	"	
<b>PCB-1260</b>	<b>770</b>	33	"	1	"	"	02/24/04	"	
<i>Surrogate: Decachlorobiphenyl</i>		99 %	50-150		"	"	"	"	

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**Polychlorinated Biphenyls by EPA Method 8082**  
**Sequoia Analytical - Sacramento**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

**Gage 4 (S402318-04) Soil Sampled: 02/12/04 00:00 Received: 02/13/04 09:50**

PCB-1016	ND	350	ug/kg	1	4020244	02/18/04	02/23/04	EPA 8082	
PCB-1221	ND	1500	"	"	"	"	"	"	
PCB-1232	ND	350	"	"	"	"	"	"	
PCB-1242	ND	350	"	"	"	"	"	"	
PCB-1248	ND	350	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>400</b>	350	"	"	"	"	"	"	
<b>PCB-1260</b>	<b>530</b>	350	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl* 107 % 50-150 " " " "

**Capen1 (S402318-05) Soil Sampled: 02/12/04 00:00 Received: 02/13/04 09:50**

PCB-1016	ND	650	ug/kg	1	4020244	02/18/04	02/24/04	EPA 8082	
PCB-1221	ND	2800	"	"	"	"	"	"	
PCB-1232	ND	650	"	"	"	"	"	"	
PCB-1242	ND	650	"	"	"	"	"	"	
PCB-1248	ND	650	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>7200</b>	650	"	"	"	"	"	"	
<b>PCB-1260</b>	<b>2500</b>	650	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl* 91 % 50-150 " " " "

**Capen2 (S402318-06) Wipe Sampled: 02/12/04 00:00 Received: 02/13/04 09:50**

PCB-1016	ND	0.60	ug/Wipe	1	4020351	02/26/04	02/26/04	EPA 8082	
PCB-1221	ND	2.4	"	"	"	"	"	"	
PCB-1232	ND	0.60	"	"	"	"	"	"	
PCB-1242	ND	0.60	"	"	"	"	"	"	
PCB-1248	ND	0.60	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>1.4</b>	0.60	"	"	"	"	"	"	
PCB-1260	ND	0.60	"	"	"	"	"	"	
PCB-1268	ND	0.60	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl* 107 % 50-150 " " " "

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**Polychlorinated Biphenyls by EPA Method 8082**  
**Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Capen3 (S402318-07) Soil    Sampled: 02/12/04 00:00    Received: 02/13/04 09:50</b>									
PCB-1016	ND	1500	ug/kg	1	4020244	02/18/04	02/24/04	EPA 8082	
PCB-1221	ND	6200	"	"	"	"	"	"	
PCB-1232	ND	1500	"	"	"	"	"	"	
PCB-1242	ND	1500	"	"	"	"	"	"	
PCB-1248	ND	1500	"	"	"	"	"	"	
<b>PCB-1254</b>	<b>15000</b>	1500	"	"	"	"	"	"	
<b>PCB-1260</b>	<b>7600</b>	1500	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		104 %	50-150		"	"	"	"	

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### Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

#### Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4020244 - EPA 3550B**
**Blank (4020244-BLK1)**

Prepared: 02/18/04 Analyzed: 02/19/04

PCB-1016	ND	33	ug/kg							
PCB-1221	ND	140	"							
PCB-1232	ND	33	"							
PCB-1242	ND	33	"							
PCB-1248	ND	33	"							
PCB-1254	ND	33	"							
PCB-1260	ND	33	"							
<i>Surrogate: Decachlorobiphenyl</i>	35.5		"	33.3		107	50-150			

**Laboratory Control Sample (4020244-BS1)**

Prepared: 02/18/04 Analyzed: 02/19/04

PCB-1016	345	33	ug/kg	333		104	50-150			
PCB-1260	330	33	"	333		99	50-150			
<i>Surrogate: Decachlorobiphenyl</i>	31.4		"	33.3		94	50-150			

**Matrix Spike (4020244-MS1)**

Source: S402148-01

Prepared: 02/18/04 Analyzed: 02/20/04

**QM-4X**

PCB-1016	66.8	33	ug/kg	333	ND	20	50-150			
PCB-1260	197	33	"	333	ND	59	50-150			
<i>Surrogate: Decachlorobiphenyl</i>	1.02		"	33.3		3	50-150			

**Matrix Spike Dup (4020244-MSD1)**

Source: S402148-01

Prepared: 02/18/04 Analyzed: 02/20/04

**QM-4X**

PCB-1016	2400	33	ug/kg	333	ND	721	50-150	189	50	
PCB-1260	305	33	"	333	ND	92	50-150	43	50	
<i>Surrogate: Decachlorobiphenyl</i>	1.59		"	33.3		5	50-150			

**Batch 4020351 - EPA 3550B**
**Blank (4020351-BLK1)**

Prepared &amp; Analyzed: 02/26/04

PCB-1016	ND	0.60	ug/Wipe							
PCB-1221	ND	2.4	"							
PCB-1232	ND	0.60	"							
PCB-1242	ND	0.60	"							
PCB-1248	ND	0.60	"							
PCB-1254	ND	0.60	"							
PCB-1260	ND	0.60	"							
PCB-1268	ND	0.60	"							
<i>Surrogate: Decachlorobiphenyl</i>	0.987		"	1.00		99	50-150			

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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4020351 - EPA 3550B**
**Laboratory Control Sample (4020351-BS1)**

Prepared &amp; Analyzed: 02/26/04

PCB-1016	10.5	0.60	ug/Wipe	10.0		105	50-150			
PCB-1260	11.4	0.60	"	10.0		114	50-150			
<i>Surrogate: Decachlorobiphenyl</i>	<i>1.12</i>		<i>"</i>	<i>1.00</i>		<i>112</i>	<i>50-150</i>			

**Laboratory Control Sample Dup (4020351-BSD1)**

Prepared &amp; Analyzed: 02/26/04

PCB-1016	11.2	0.60	ug/Wipe	10.0		112	50-150	6	50	
PCB-1260	10.9	0.60	"	10.0		109	50-150	4	50	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.974</i>		<i>"</i>	<i>1.00</i>		<i>97</i>	<i>50-150</i>			

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### Notes and Definitions

QM-4X The spike recovery was outside of control limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference