

ATTACHMENT B

LAB REPORTS



REC'D AUG 27 2008

Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0806487

Earth Tech
 John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
 Project Number: N/A
 Purchase Order Number: N/A
 Sampled By: John Lancaster
 Date Received: June 30, 2008
 Time Received: 3:05 PM

Analytical Testing Parameters

Client Sample ID: 20932-15
 Lab Sample ID: 0806487-01

Collection Date: 6/28/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	29.3	ug/m ³	-	RFPS-0694-098	7/9/2008	12:30 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-19
 Lab Sample ID: 0806487-02

Collection Date: 6/28/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	47.5	ug/m ³	-	RFPS-0694-098	7/9/2008	12:35 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-19
 Lab Sample ID: 0806487-03

Collection Date: 6/28/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	49.3	ug/m ³	-	RFPS-0694-098	7/9/2008	12:40 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20936-4
 Lab Sample ID: 0806487-04

Collection Date: 6/28/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	57.6	ug/m ³	-	RFPS-0694-098	7/9/2008	12:45 PM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806487

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

A handwritten signature in black ink, appearing to read "Frank E. Stossel", is written over a horizontal line.

7/8/08

Frank E. Stossel
CEO/President

Earth Tech Ambient Air Monitoring Log

Sampling Date: 6-28-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
20932-15	Conditions: RH: <u>41.8</u> Temp: <u>20.0</u> Date: <u>6-25-08</u> Time: <u>0810</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>23.866</u>	Conditions: <u>41.1</u> RH: <u>41.8</u> Temp: <u>23.3</u> Date: <u>7-9-08</u> Time: <u>0810</u>	W(F) - W(I)	DWx10 ⁶ /V(STD) = 29.3
	Weights: W1: <u>0.03906</u> W2: <u>0.08908</u> W3: <u>0.08907</u> W(I): <u>0.08907</u>		Weights: W1: <u>0.08978</u> W2: <u>0.08977</u> W3: <u>0.08976</u> W(F): <u>0.03977</u>		
20933-19	Conditions: RH: <u>41.8</u> Temp: <u>20.0</u> Date: <u>6-25-08</u> Time: <u>0815</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>23.979</u>	Conditions: <u>41.1</u> RH: <u>41.1</u> Temp: <u>23.3</u> Date: <u>7-9-08</u> Time: <u>1235</u>	W(F) - W(I)	= 47.5
	Weights: W1: <u>0.09014</u> W2: <u>0.09013</u> W3: <u>0.09015</u> W(I): <u>0.09014</u>		Weights: W1: <u>0.09132</u> W2: <u>0.09129</u> W3: <u>0.09125</u> W(F): <u>0.09128</u>		
0934-19	Conditions: RH: <u>41.8</u> Temp: <u>20.0</u> Date: <u>6-25-08</u> Time: <u>0820</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>23.956</u>	Conditions: <u>41.1</u> RH: <u>41.1</u> Temp: <u>23.3</u> Date: <u>7-9-08</u> Time: <u>1240</u>	W(F) - W(I)	= 49.3
	Weights: W1: <u>0.08979</u> W2: <u>0.08980</u> W3: <u>0.08979</u> W(I): <u>0.08979</u>		Weights: W1: <u>0.09095</u> W2: <u>0.09097</u> W3: <u>0.09099</u> W(F): <u>0.09097</u>		
0936-04	Conditions: RH: <u>41.8</u> Temp: <u>20.0</u> Date: <u>6-25-08</u> Time: <u>0825</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>23.975</u>	Conditions: <u>41.1</u> RH: <u>41.1</u> Temp: <u>23.3</u> Date: <u>7-9-08</u> Time: <u>1245</u>	W(F) - W(I)	= 57.6
	Weights: W1: <u>0.08979</u> W2: <u>0.08981</u> W3: <u>0.08980</u> W(I): <u>0.08980</u>		Weights: W1: <u>0.09118</u> W2: <u>0.09120</u> W3: <u>0.09117</u> W(F): <u>0.09118</u>		



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0806420

Earth Tech
 John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
 Project Number: N/A
 Purchase Order Number: N/A
 Sampled By: John Lancaster
 Date Received: June 25, 2008
 Time Received: 4:15 PM

Analytical Testing Parameters

Client Sample ID: **20932-14**
 Lab Sample ID: **0806420-01**

Collection Date: **6/22/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	34.7	ug/m ³	-	RFPS-0694-098	6/30/2008	7:51 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20933-18**
 Lab Sample ID: **0806420-02**

Collection Date: **6/22/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	36.2	ug/m ³	-	RFPS-0694-098	6/30/2008	7:57 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20934-18**
 Lab Sample ID: **0806420-03**

Collection Date: **6/22/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	38.3	ug/m ³	-	RFPS-0694-098	6/30/2008	8:06 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20936-3**
 Lab Sample ID: **0806420-04**

Collection Date: **6/22/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	52.7	ug/m ³	-	RFPS-0694-098	6/30/2008	8:10 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806420

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a white rectangular background.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

7-2-08

Earth Tech Ambient Air Monitoring Log

Sampling Date: 6-22-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /M ³ (STD)
20932-14	Conditions	1 st Time/ Date:	Conditions	= 34.7	
	Weights	2 nd Time/ Date:	Weights		
	RH: <u>39.4</u> W1: <u>0.08907</u>	Temp:	RH: <u>44.7</u> W1: <u>0.08991</u>		
	Temp: <u>18.6</u> W2: <u>0.08906</u>	Pressure:	Temp: <u>19.2</u> W2: <u>0.08991</u>		
	Date: <u>6-19-08</u> W3: <u>0.08907</u>	Valid time:	Date: <u>6-30-08</u> W3: <u>0.08992</u>		
	Time: <u>0810</u> W(I): <u>0.08907</u>	Total time:	Time: <u>0751</u> W(F): <u>0.08991</u>		
	V (std): <u>24.180</u>				
20933-18	Conditions	1 st Time/ Date:	Conditions	= 36.2	
	Weights	2 nd Time/ Date:	Weights		
	RH: <u>39.4</u> W1: <u>0.08920</u>	Temp:	RH: <u>44.7</u> W1: <u>0.09009</u>		
	Temp: <u>18.6</u> W2: <u>0.08919</u>	Pressure:	Temp: <u>19.2</u> W2: <u>0.09008</u>		
	Date: <u>6-19-08</u> W3: <u>0.08921</u>	Valid time:	Date: <u>6-30-08</u> W3: <u>0.09008</u>		
	Time: <u>0815</u> W(I): <u>0.08920</u>	Total time:	Time: <u>0757</u> W(F): <u>0.09008</u>		
	V (std): <u>24.315</u>				
20934-18	Conditions	1 st Time/ Date:	Conditions	= 38.3	
	Weights	2 nd Time/ Date:	Weights		
	RH: <u>39.4</u> W1: <u>0.08988</u>	Temp:	RH: <u>44.7</u> W1: <u>0.09082</u>		
	Temp: <u>18.6</u> W2: <u>0.08990</u>	Pressure:	Temp: <u>19.2</u> W2: <u>0.09084</u>		
	Date: <u>6-19-08</u> W3: <u>0.08991</u>	Valid time:	Date: <u>6-30-08</u> W3: <u>0.09083</u>		
	Time: <u>0821</u> W(I): <u>0.08990</u>	Total time:	Time: <u>0806</u> W(F): <u>0.09083</u>		
	V (std): <u>24.270</u>				
20936-3	Conditions	1 st Time/ Date:	Conditions	= 52.7	
	Weights	2 nd Time/ Date:	Weights		
	RH: <u>39.4</u> W1: <u>0.09012</u>	Temp:	RH: <u>44.7</u> W1: <u>0.09139</u>		
	Temp: <u>18.6</u> W2: <u>0.09010</u>	Pressure:	Temp: <u>19.2</u> W2: <u>0.09138</u>		
	Date: <u>6-19-08</u> W3: <u>0.09011</u>	Valid time:	Date: <u>6-30-08</u> W3: <u>0.09140</u>		
	Time: <u>0825</u> W(I): <u>0.09011</u>	Total time:	Time: <u>0810</u> W(F): <u>0.09139</u>		
	V (std): <u>24.301</u>				



Laboratory Result Summary

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Laboratory Project ID: 0806332

Earth Tech

John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: June 19, 2008

Time Received: 4:25 PM

Analytical Testing Parameters

Client Sample ID: 20932-13

Lab Sample ID: 0806332-01

Collection Date: 6/16/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	22.5	ug/m ³	-	RFPS-0694-098	6/30/2008	7:30 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-17

Lab Sample ID: 0806332-02

Collection Date: 6/16/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	21.1	ug/m ³	-	RFPS-0694-098	6/30/2008	7:35 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-17

Lab Sample ID: 0806332-03

Collection Date: 6/16/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	45.2	ug/m ³	-	RFPS-0694-098	6/30/2008	7:40 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20936-2

Lab Sample ID: 0806332-04

Collection Date: 6/16/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	32.8	ug/m ³	-	RFPS-0694-098	6/30/2008	7:45 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806332

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

7-2-08

William W. Smith, Jr.
Laboratory Director

Earth Tech Ambient Air Monitoring Log

Sampling Date: 6-16-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter-Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /6V(STD)
	Conditions	Weights		Conditions	Weights		
20932-13	RH: 44.7	W1: 0.08935	1 st Time/Date:	RH: 44.7	W1: 0.08990	= 22.5	
	Temp: 22.7	W2: 0.08937	2 nd Time/Date:	Temp: 19.2	W2: 0.08991		
	Date: 6-10-08	W3: 0.08935	Temp:	Date: 6-30-08	W3: 0.08989		
	Time: 0743	W(I): 0.08936	Pressure:	Time: 0730	W(F): 0.08990		
			Valid time:				
			Total time:				
		V (std):	24.015				
20933-17	RH: 44.7	W1: 0.08986	1 st Time/Date:	RH: 44.7	W1: 0.09038	= 21.1	
	Temp: 22.7	W2: 0.08987	2 nd Time/Date:	Temp: 19.2	W2: 0.09038		
	Date: 6-10-08	W3: 0.08989	Temp:	Date: 6-30-08	W3: 0.09037		
	Time: 0747	W(I): 0.08987	Pressure:	Time: 0735	W(F): 0.09038		
			Valid time:				
			Total time:				
		V (std):	24.135				
20934-17	RH: 44.7	W1: 0.08936	1 st Time/Date:	RH: 44.7	W1: 0.09044	= 45.2	
	Temp: 22.7	W2: 0.08936	2 nd Time/Date:	Temp: 19.2	W2: 0.09046		
	Date: 6-10-08	W3: 0.08937	Temp:	Date: 6-30-08	W3: 0.09046		
	Time: 0752	W(I): 0.08936	Pressure:	Time: 0740	W(F): 0.09045		
			Valid time:				
			Total time:				
		V (std):	24.114				
20936-2	RH: 44.7	W1: 0.08979	1 st Time/Date:	RH: 44.7	W1: 0.09056	= 32.8	
	Temp: 22.7	W2: 0.08978	2 nd Time/Date:	Temp: 19.2	W2: 0.09058		
	Date: 6-10-08	W3: 0.08977	Temp:	Date: 6-30-08	W3: 0.09056		
	Time: 0757	W(I): 0.08978	Pressure:	Time: 0745	W(F): 0.09057		
			Valid time:				
			Total time:				
		V (std):	24.099				



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0806154

Earth Tech

John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: June 10, 2008

Time Received: 4:35 PM

Analytical Testing Parameters

Client Sample ID: 20932-12

Lab Sample ID: 0806154-01

Collection Date: 6/10/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	38.3	ug/m ³	-	RFPS-0694-098	6/25/2008	7:50 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-16

Lab Sample ID: 0806154-02

Collection Date: 6/10/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	41.4	ug/m ³	-	RFPS-0694-098	6/25/2008	7:55 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-16

Lab Sample ID: 0806154-03

Collection Date: 6/10/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	44.4	ug/m ³	-	RFPS-0694-098	6/25/2008	8:00 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20936-1

Lab Sample ID: 0806154-04

Collection Date: 6/10/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	50.4	ug/m ³	-	RFPS-0694-098	6/25/2008	8:05 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806154

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

7-2-08

William W. Smith, Jr.
Laboratory Director

F 5th Tech Ambient Air Monitorin' Log

Sampling Date: 6-10-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /SV(STD)
	Conditions	Weights		Conditions	Weights		
20932-12	RH: 44.8	W1: 0.08690	1 st Time/ Date:	RH: 41.8	W1: 0.08781	= 38.3	
	Temp: 23.4	W2: 0.08691	2 nd Time/ Date:	Temp: 20.0	W2: 0.08782		
	Date: 6-4-08	W3: 0.08693	Pressure:	Date: 6-25-08	W3: 0.08780		
	Time: 0330	W(I): 0.08691	Valid time:	Time: 0750	W(F): 0.08781		
			Total time:				
		V (std):	23.517				
20933-16	RH: 44.8	W1: 0.08763	1 st Time/ Date:	RH: 41.8	W1: 0.08860	= 41.4	
	Temp: 23.4	W2: 0.08761	2 nd Time/ Date:	Temp: 20.0	W2: 0.08861		
	Date: 6-4-08	W3: 0.08762	Pressure:	Date: 6-25-08	W3: 0.08860		
	Time: 0336	W(I): 0.08762	Valid time:	Time: 0755	W(F): 0.08860		
			Total time:				
		V (std):	23.686				
20934-16	RH: 44.8	W1: 0.08941	1 st Time/ Date:	RH: 41.8	W1: 0.09047	= 44.4	
	Temp: 23.4	W2: 0.08939	2 nd Time/ Date:	Temp: 20.0	W2: 0.09045		
	Date: 6-4-08	W3: 0.08942	Pressure:	Date: 6-25-08	W3: 0.09047		
	Time: 0341	W(I): 0.08941	Valid time:	Time: 0800	W(F): 0.09046		
			Total time:				
		V (std):	23.657				
20936-1	RH: 21.6	W1: 0.09007	1 st Time/ Date:	RH: 41.8	W1: 0.09126	= 50.4	
	Temp: 21.9	W2: 0.09015	2 nd Time/ Date:	Temp: 20.0	W2: 0.09126		
	Date: 3-25-08	W3: 0.09003	Pressure:	Date: 6-25-08	W3: 0.09127		
	Time: 1644	W(I): 0.09007	Valid time:	Time: 0805	W(F): 0.09126		
			Total time:				
		V (std):	23.617				



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0806134

Earth Tech

John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: June 9, 2008

Time Received: 4:58 PM

Analytical Testing Parameters

Client Sample ID: 20932-11

Collection Date: 6/4/2008

Lab Sample ID: 0806134-01

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	25.5	ug/m ³	-	RFPS-0694-098	6/19/2008	8:30 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-15

Collection Date: 6/4/2008

Lab Sample ID: 0806134-02

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	48.3	ug/m ³	-	RFPS-0694-098	6/19/2008	8:35 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-15

Collection Date: 6/4/2008

Lab Sample ID: 0806134-03

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	34.5	ug/m ³	-	RFPS-0694-098	6/19/2008	8:40 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806134

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

The **PQL** is the **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.

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Reviewed and Approved By:

Date Reviewed and Approved:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

7-2-08

William W. Smith, Jr.
Laboratory Director

F 5th Tech Ambient Air Monitorir Log

Sampling Date: 6-4-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ M(STD)
20932-11	RH: <u>29.5</u> W1: <u>0.08958</u> Temp: <u>23.4</u> W2: <u>0.08956</u> Date: <u>5-29-08</u> W3: <u>0.08957</u> Time: <u>1630</u> W(I): <u>0.08958</u>		RH: <u>39.4</u> W1: <u>0.09019</u> Temp: <u>18.6</u> W2: <u>0.09021</u> Date: <u>6-4-08</u> W3: <u>0.09021</u> Time: <u>0830</u> W(F): <u>0.09020</u>		= 25.5
20933-15	RH: <u>29.5</u> W1: <u>0.08988</u> Temp: <u>23.4</u> W2: <u>0.08990</u> Date: <u>5-29-08</u> W3: <u>0.08991</u> Time: <u>1630</u> W(I): <u>0.08990</u>		RH: <u>39.4</u> W1: <u>0.09107</u> Temp: <u>18.6</u> W2: <u>0.09108</u> Date: <u>6-4-08</u> W3: <u>0.09110</u> Time: <u>0835</u> W(F): <u>0.09108</u>		= 48.3
20934-15	RH: <u>29.5</u> W1: <u>0.08909</u> Temp: <u>23.4</u> W2: <u>0.08911</u> Date: <u>5-29-08</u> W3: <u>0.08912</u> Time: <u>1640</u> W(I): <u>0.08911</u>		RH: <u>39.4</u> W1: <u>0.08995</u> Temp: <u>18.6</u> W2: <u>0.08996</u> Date: <u>6-4-08</u> W3: <u>0.08994</u> Time: <u>0840</u> W(F): <u>0.08995</u>		= 34.5
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0806023

Earth Tech

John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: June 2, 2008

Time Received: 4:30 PM

Analytical Testing Parameters

Client Sample ID: 20932-10

Collection Date: 5/29/2008

Lab Sample ID: 0806023-01

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	18.4	ug/m ³	-	RFPS-0694-098	6/4/2008	3:10 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-14

Collection Date: 5/29/2008

Lab Sample ID: 0806023-02

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	18.3	ug/m ³	-	RFPS-0694-098	6/4/2008	3:16 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-14

Collection Date: 5/29/2008

Lab Sample ID: 0806023-03

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	23.5	ug/m ³	-	RFPS-0694-098	6/4/2008	3:20 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0806023

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

6-11-08

E th Tech Ambient Air Monitorin Log

Sampling Date: 5-29-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /V(STD)
	Conditions	Weights		Conditions	Weights		
20932-10	RH: <u>36.8</u>	W1: <u>0.08941</u>	1 st Time/ Date: _____	RH: <u>44.8</u>	W1: <u>0.08940</u>	= 15.4	
	Temp: <u>22.5</u>	W2: <u>0.08943</u>	2 nd Time/ Date: _____	Temp: <u>21.8</u>	W2: <u>0.08989</u>		
	Date: <u>5-23-08</u>	W3: <u>0.08944</u>	Temp: _____	Date: <u>6-4-08</u>	W3: <u>0.08987</u>		
	Time: <u>1510</u>	W(I): <u>0.08943</u>	Pressure: _____	Time: <u>0310</u>	W(F): <u>0.08989</u>		
			Valid time: _____				
			Total time: _____				
		V (std): <u>25.001</u>					
20933-14	RH: <u>36.8</u>	W1: <u>0.09052</u>	1 st Time/ Date: _____	RH: <u>44.8</u>	W1: <u>0.09098</u>	= 18.3	
	Temp: <u>22.5</u>	W2: <u>0.09051</u>	2 nd Time/ Date: _____	Temp: <u>21.8</u>	W2: <u>0.09097</u>		
	Date: <u>5-23-08</u>	W3: <u>0.09054</u>	Temp: _____	Date: <u>6-4-08</u>	W3: <u>0.09098</u>		
	Time: <u>1515</u>	W(I): <u>0.09052</u>	Pressure: _____	Time: <u>0316</u>	W(F): <u>0.09098</u>		
			Valid time: _____				
			Total time: _____				
		V (std): <u>25.104</u>					
20934-14 20933	RH: <u>36.8</u>	W1: <u>0.08944</u>	1 st Time/ Date: _____	RH: <u>44.8</u>	W1: <u>0.09005</u>	23.5	
	Temp: <u>22.5</u>	W2: <u>0.08946</u>	2 nd Time/ Date: _____	Temp: <u>21.8</u>	W2: <u>0.09004</u>		
	Date: <u>5-23-08</u>	W3: <u>0.08944</u>	Temp: _____	Date: <u>6-4-08</u>	W3: <u>0.09004</u>		
	Time: <u>1520</u>	W(I): <u>0.08945</u>	Pressure: _____	Time: <u>0320</u>	W(F): <u>0.09004</u>		
			Valid time: _____				
			Total time: _____				
		V (std): <u>25.062</u>					
	RH: _____	W1: _____	1 st Time/ Date: _____	RH: _____	W1: _____		
	Temp: _____	W2: _____	2 nd Time/ Date: _____	Temp: _____	W2: _____		
	Date: _____	W3: _____	Temp: _____	Date: _____	W3: _____		
	Time: _____	W(I): _____	Pressure: _____	Time: _____	W(F): _____		
			Valid time: _____				
			Total time: _____				
		V (std): _____					



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0805395

Earth Tech

John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: May 27, 2008

Time Received: 3:20 PM

Analytical Testing Parameters

Client Sample ID: 20932-7

Lab Sample ID: 0805395-01

Collection Date: 5/23/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	18.1	ug/m ³	-	RFPS-0694-098	6/4/2008	2:40 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-13

Lab Sample ID: 0805395-02

Collection Date: 5/23/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	14.8	ug/m ³	-	RFPS-0694-098	6/4/2008	2:45 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-13

Lab Sample ID: 0805395-03

Collection Date: 5/23/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	14.1	ug/m ³	-	RFPS-0694-098	6/4/2008	2:50 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0805395

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

The **PQL** is the **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

6-11-08

F 1th Tech Ambient Air Monitorir Log

Sampling Date: 5-23-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filler Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /V(STD)
	Conditions	Weights		Conditions	Weights		
20932-9	RH: 36.7	W1: 0.08755	1 st Time/ Date:	RH: 44.8	W1: 0.08781	= 18.1	
	Temp: 23.0	W2: 0.08737	2 nd Time/ Date:	Temp: 23.4	W2: 0.08752		
	Date: 5-20-08	W3: 0.08739	Temp:	Date: 6-4-08	W3: 0.08782		
	Time: 1650	W(I): 0.08737	Pressure:	Time: 0240	W(F): 0.08782		
			Valid time:				
		Total time:					
		V (std):	24.846				
20933-13	RH: 36.7	W1: 0.08675	1 st Time/ Date:	RH: 44.3	W1: 0.08711	= 14.8	
	Temp: 23.0	W2: 0.08676	2 nd Time/ Date:	Temp: 23.4	W2: 0.08713		
	Date: 5-20-08	W3: 0.08676	Temp:	Date: 6-4-08	W3: 0.08715		
	Time: 1655	W(I): 0.08676	Pressure:	Time: 0245	W(F): 0.08713		
			Valid time:				
		Total time:					
		V (std):	24.929				
20934-13	RH: 36.7	W1: 0.08730	1 st Time/ Date:	RH: 44.8	W1: 0.08766	= 14.1	
	Temp: 23.0	W2: 0.08729	2 nd Time/ Date:	Temp: 23.4	W2: 0.08764		
	Date: 5-20-08	W3: 0.08731	Temp:	Date: 6-4-08	W3: 0.08764		
	Time: 1701	W(I): 0.08730	Pressure:	Time: 0250	W(F): 0.08765		
			Valid time:				
		Total time:					
		V (std):	24.910				
	Conditions	Weights	1 st Time/ Date:	Conditions	Weights		
	RH:	W1:	2 nd Time/ Date:	RH:	W1:		
	Temp:	W2:	Temp:	Temp:	W2:		
	Date:	W3:	Pressure:	Date:	W3:		
	Time:	W(I):	Valid time:	Time:	W(F):		
			Total time:				
			V (std):				



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0805325

Earth Tech
 John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
 Project Number: N/A
 Purchase Order Number: N/A
 Sampled By: John Lancaster
 Date Received: May 21, 2008
 Time Received: 4:04 PM

Analytical Testing Parameters

Client Sample ID: **20932-8**
 Lab Sample ID: **0805325-01**

Collection Date: **5/17/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	19.0	ug/m ³	-	RFPS-0694-098	5/29/2008	4:25 PM	JAW

Analytical Testing Parameters

Client Sample ID: **20933-12**
 Lab Sample ID: **0805325-02**

Collection Date: **5/17/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	19.7	ug/m ³	-	RFPS-0694-098	6/4/2008	2:58 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20934-12**
 Lab Sample ID: **0805325-03**

Collection Date: **5/17/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	42.3	ug/m ³	-	RFPS-0694-098	6/4/2008	3:05 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0805325

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

6-11-08

F 5th Tech Ambient Air Monitorir Log

Sampling Date: 5-17-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ /V(STD)
20932-8	RH: 37.0 W1: 0.08658 Temp: 22.4 W2: 0.08659 Date: 5-12-08 W3: 0.08656 Time: 1634 W(I): 0.08658	24.731	RH: 29.5 W1: 0.08704 Temp: 23.7 W2: 0.08705 Date: 5-21-08 W3: 0.08707 Time: 1625 W(F): 0.08705	= 19.0	
20933-12	RH: 37.0 W1: 0.08782 Temp: 22.4 W2: 0.08779 Date: 5-12-08 W3: 0.08783 Time: 1644 W(I): 0.08781	24.846	RH: 44.8 W1: 0.08829 Temp: 21.8 W2: 0.08830 Date: 6-4-08 W3: 0.08831 Time: 0258 W(F): 0.08830	= 19.7	
20934-12	RH: 37.0 W1: 0.08646 Temp: 22.4 W2: 0.08648 Date: 5-12-08 W3: 0.08646 Time: 1650 W(I): 0.08647	24.831	RH: 44.8 W1: 0.08751 Temp: 21.8 W2: 0.08752 Date: 6-4-08 W3: 0.08753 Time: 0305 W(F): 0.08752	42.3	
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0805188

Earth Tech

John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: May 13, 2008

Time Received: 3:45 PM

Analytical Testing Parameters

Client Sample ID: 20932-7

Lab Sample ID: 0805188-01

Collection Date: 5/11/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	17.6	ug/m ³	-	RFPS-0694-098	5/23/2008	2:50 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-11

Lab Sample ID: 0805188-02

Collection Date: 5/11/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	3.19	ug/m ³	-	RFPS-0694-098	5/23/2008	2:55 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-11

Lab Sample ID: 0805188-03

Collection Date: 5/11/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	15.6	ug/m ³	-	RFPS-0694-098	5/23/2008	3:00 PM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0805188

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

6-11-08

Fifth Tech Ambient Air Monitorir Log

Sampling Date: 5-11-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /V(STD)
	Conditions	Weights		Conditions	Weights		
20932-07	RH: 35.1	W1: 0.08977	1 st Time/ Date: _____	RH: 36.8	W1: 0.09018	= 17.6	
	Temp: 23.4	W2: 0.08973	2 nd Time/ Date: _____	Temp: 22.5	W2: 0.09019		
	Date: 5-6-08	W3: 0.08974	Temp: _____	Date: 5-23-08	W3: 0.09019		
	Time: 1530	W(I): 0.08975	Pressure: _____	Time: 1450	W(F): 0.09019		
			Valid time: _____				
			Total time: _____				
		V (std): <u>24.967</u>					
20933-11	RH: 35.1	W1: 0.08979	1 st Time/ Date: _____	RH: 36.8	W1: 0.09085	= 3.19	
	Temp: 23.4	W2: 0.08976	2 nd Time/ Date: _____	Temp: 22.5	W2: 0.09084		
	Date: 5-6-08	W3: 0.08978	Temp: _____	Date: 5-23-08	W3: 0.09086		
	Time: 1537	W(I): 0.08978	Pressure: _____	Time: 1455	W(F): 0.09086		
			Valid time: _____				
			Total time: _____				
		V (std): <u>25.065</u>					
20934-11	RH: 35.1	W1: 0.09047	1 st Time/ Date: _____	RH: 36.8	W1: 0.09085	= 15.6	
	Temp: 23.4	W2: 0.09044	2 nd Time/ Date: _____	Temp: 22.5	W2: 0.09084		
	Date: 5-6-08	W3: 0.09047	Temp: _____	Date: 5-23-08	W3: 0.09086		
	Time: 1545	W(I): 0.09046	Pressure: _____	Time: 1500	W(F): 0.09085		
			Valid time: _____				
			Total time: _____				
		V (std): <u>25.042</u>					
	Conditions	Weights	1 st Time/ Date: _____	Conditions	Weights		
	RH: _____	W1: _____	2 nd Time/ Date: _____	RH: _____	W1: _____		
	Temp: _____	W2: _____	Temp: _____	Temp: _____	W2: _____		
	Date: _____	W3: _____	Pressure: _____	Date: _____	W3: _____		
	Time: _____	W(I): _____	Valid time: _____	Time: _____	W(F): _____		
			Total time: _____				
		V (std): _____					

Start

Finish

Date



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0805104

Earth Tech
 John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
 Project Number: N/A
 Purchase Order Number: N/A
 Sampled By: John Lancaster
 Date Received: May 7, 2008
 Time Received: 4:50 PM

Analytical Testing Parameters

Client Sample ID: **20932-6**
 Lab Sample ID: **0805104-01**

Collection Date: **5/5/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	38.6	ug/m ³	-	RFPS-0694-098	5/20/2008	4:35 PM	JAW

Analytical Testing Parameters

Client Sample ID: **20933-10**
 Lab Sample ID: **0805104-02**

Collection Date: **5/5/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	32.1	ug/m ³	-	RFPS-0694-098	5/20/2008	4:40 PM	JAW

Analytical Testing Parameters

Client Sample ID: **20934-10**
 Lab Sample ID: **0805104-03**

Collection Date: **5/5/2008**
 Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	47.8	ug/m ³	-	RFPS-0694-098	5/20/2008	4:44 PM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0805104

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "David S. Wildasin".

David S. Wildasin
Assistant Laboratory Director

Date Reviewed and Approved:

5-22-18

Fifth Tech Ambient Air Monitor Log

Sampling Date: 5-5-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____	W(F) - W(I)	DWx10 ⁶ V(STD)
20932-6	RH: <u>26.8</u> W1: <u>0.08940</u> Temp: <u>20.8</u> W2: <u>0.08937</u> Date: <u>4-30-08</u> W3: <u>0.08938</u> Time: <u>1130</u> W(I): <u>0.08938</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>24.848</u>	RH: <u>36.7</u> W1: <u>0.09033</u> Temp: <u>23.0</u> W2: <u>0.09035</u> Date: <u>5-20-08</u> W3: <u>0.09035</u> Time: <u>1635</u> W(F): <u>0.09034</u>		38.6
20933-10	RH: <u>26.8</u> W1: <u>0.09012</u> Temp: <u>20.8</u> W2: <u>0.09009</u> Date: <u>4-30-08</u> W3: <u>0.09010</u> Time: <u>1138</u> W(I): <u>0.09010</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>24.933</u>	RH: <u>36.7</u> W1: <u>0.09089</u> Temp: <u>23.0</u> W2: <u>0.09091</u> Date: <u>5-20-08</u> W3: <u>0.09089</u> Time: <u>1640</u> W(F): <u>0.09090</u>		32.1
20934-10	RH: <u>26.8</u> W1: <u>0.09027</u> Temp: <u>20.8</u> W2: <u>0.09026</u> Date: <u>4-30-08</u> W3: <u>0.09027</u> Time: <u>1144</u> W(I): <u>0.09027</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>24.896</u>	RH: <u>36.7</u> W1: <u>0.09145</u> Temp: <u>23.0</u> W2: <u>0.09147</u> Date: <u>5-20-08</u> W3: <u>0.09146</u> Time: <u>1644</u> W(F): <u>0.09146</u>		47.8
	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0805040

Earth Tech
 John Lancaster
 2 Market Plaza Way
 Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
 Project Number: N/A
 Purchase Order Number: N/A
 Sampled By: John Lancaster
 Date Received: May 2, 2008
 Time Received: 5:00 PM

Analytical Testing Parameters

Client Sample ID: 20932-5
 Lab Sample ID: 0805040-01

Collection Date: 4/29/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	17.9	ug/m ³	-	RFPS-0694-098	5/12/2008	4:20 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-9
 Lab Sample ID: 0805040-02

Collection Date: 4/29/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	21.1	ug/m ³	-	RFPS-0694-098	5/12/2008	4:24 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-9
 Lab Sample ID: 0805040-03

Collection Date: 4/29/2008
 Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	37.8	ug/m ³	-	RFPS-0694-098	5/12/2008	4:30 PM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0805040

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "David S. Wildasin".

David S. Wildasin
Assistant Laboratory Director

Date Reviewed and Approved:

5-22-18

F 5th Tech Ambient Air Monitorir Log

Sampling Date: 4-29-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ V(STD)
20932-05	RH: <u>32.2</u> W1: <u>0.08976</u> Temp: <u>19.3</u> W2: <u>0.08977</u> Date: <u>4-22-08</u> W3: <u>0.08975</u> Time: <u>1635</u> W(I): <u>0.08976</u>		RH: <u>37.0</u> W1: <u>0.09019</u> Temp: <u>22.4</u> W2: <u>0.09021</u> Date: <u>5-12-08</u> W3: <u>0.09022</u> Time: <u>1420</u> W(F): <u>0.09021</u>		17.9
20933-09	RH: <u>32.2</u> W1: <u>0.08961</u> Temp: <u>19.3</u> W2: <u>0.08964</u> Date: <u>4-22-08</u> W3: <u>0.08962</u> Time: <u>1640</u> W(I): <u>0.08962</u>		RH: <u>37.0</u> W1: <u>0.09014</u> Temp: <u>22.4</u> W2: <u>0.09016</u> Date: <u>5-12-08</u> W3: <u>0.09015</u> Time: <u>1624</u> W(F): <u>0.09015</u>		21.1
20934-09	RH: <u>32.2</u> W1: <u>0.08920</u> Temp: <u>19.3</u> W2: <u>0.08919</u> Date: <u>4-22-08</u> W3: <u>0.08917</u> Time: <u>1645</u> W(I): <u>0.08917</u>		RH: <u>37.0</u> W1: <u>0.09011</u> Temp: <u>22.4</u> W2: <u>0.09016</u> Date: <u>5-12-08</u> W3: <u>0.09015</u> Time: <u>1630</u> W(F): <u>0.09014</u>		37.8
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0804404

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

The **PQL** is the **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.

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Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

5-1-08

Earth Tech Ambient Air Monitoring Log

Sampling Date: 4-23-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW W(F) - W(I)	Mass Concentration MC DWx10 ⁶ /V(STD)
	Conditions	Weights		Conditions	Weights		
20932-4	RH: 20.3	W1: 0.08887	1 st Time/ Date:	RH: 22.2	W1: 0.09075		
	Temp: 22.5	W2: 0.08889	2 nd Time/ Date:	Temp: 22.0	W2: 0.09071		
	Date: 4-16-08	W3: 0.08891	Temp:	Date: 4-23-08	W3: 0.09071		
	Time: 1617	W(I): 0.08890	Pressure:	Time: 1000	W(F): 0.09072		
			Valid time:				
		Total time:					
		V (std):	25.043				DW = 0.00182
20934-8	RH: 20.3	W1: 0.08874	1 st Time/ Date:	RH: 22.2	W1: 0.09152		
	Temp: 22.5	W2: 0.08877	2 nd Time/ Date:	Temp: 22.0	W2: 0.09149		
	Date: 4-16-08	W3: 0.08876	Temp:	Date: 4-30-08	W3: 0.09149		
	Time: 1624	W(I): 0.08876	Pressure:	Time: 1007	W(F): 0.09150		
			Valid time:				
		Total time:					
		V (std):	25.090				DW = 0.00274
20933-8	RH: 20.3	W1: 0.09027	1 st Time/ Date:	RH: 22.2	W1: 0.09219		
	Temp: 22.5	W2: 0.09024	2 nd Time/ Date:	Temp: 22.0	W2: 0.09222		
	Date: 4-16-08	W3: 0.09028	Temp:	Date: 4-30-08	W3: 0.09223		
	Time: 1631	W(I): 0.09025	Pressure:	Time: 1015	W(F): 0.09221		
			Valid time:				
		Total time:					
		V (std):	25.120				DW = 0.00196
	RH: _____	W1: _____	1 st Time/ Date:	RH: _____	W1: _____		
	Temp: _____	W2: _____	2 nd Time/ Date:	Temp: _____	W2: _____		
	Date: _____	W3: _____	Temp:	Date: _____	W3: _____		
	Time: _____	W(I): _____	Pressure:	Time: _____	W(F): _____		
			Valid time:				
		Total time:					
		V (std):					



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0804292

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", is written over a horizontal line.

5-1-08

William W. Smith, Jr.
Laboratory Director

Earth Tech Ambient Air Monitoring Log

Sampling Date: 4-17-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ /V(STD)
20932-3	RH: <u>30.4</u> W1: <u>0.08996</u> Temp: <u>17.0</u> W2: <u>0.08990</u> Date: <u>4-8-08</u> W3: <u>0.08991</u> Time: <u>1734</u> W(I): <u>0.08992</u>		RH: <u>26.7</u> W1: <u>0.09036</u> Temp: <u>20.8</u> W2: <u>0.09037</u> Date: <u>4-30-08</u> W3: <u>0.09037</u> Time: <u>1200</u> W(F): <u>0.09037</u>		
		V (std): <u>25.457</u>			DW = <u>0.00045</u>
20933-7 20933-7 JA 4-14-08	RH: <u>23.8</u> W1: <u>0.0903</u> Temp: <u>21.8</u> W2: <u>0.0903</u> Date: <u>4-14-08</u> W3: <u>0.0903</u> Time: <u>1714</u> W(I): <u>0.0903</u>		RH: <u>26.7</u> W1: <u>0.09097</u> Temp: <u>20.8</u> W2: <u>0.09095</u> Date: <u>4-30-08</u> W3: <u>0.09094</u> Time: <u>1206</u> W(F): <u>0.09095</u>		
		V (std): <u>25.580</u>			DW = <u>0.00065</u>
20934-7	RH: <u>23.8</u> W1: <u>0.0896</u> Temp: <u>21.8</u> W2: <u>0.0896</u> Date: <u>4-14-08</u> W3: <u>0.0896</u> Time: <u>1720</u> W(I): <u>0.0896</u>		RH: <u>26.7</u> W1: <u>0.09016</u> Temp: <u>20.8</u> W2: <u>0.09017</u> Date: <u>4-30-08</u> W3: <u>0.09017</u> Time: <u>1213</u> W(F): <u>0.09017</u>		
		V (std): <u>25.539</u>			DW = <u>0.00057</u>
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Revised Laboratory Result Summary

Page 1 of 1

Laboratory Project ID: 0804244

Earth Tech
John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
Project Number: N/A
Purchase Order Number: N/A
Sampled By: John Lancaster
Date Received: April 15, 2008
Time Received: 4:36 PM

Analytical Testing Parameters

Client Sample ID: 20932-2
Lab Sample ID: 0804244-01

Collection Date: 4/11/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	21.2	ug/m ³	-	RFPS-0694-098	4/22/2008	4:20 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20933-6
Lab Sample ID: 0804244-02

Collection Date: 4/11/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	20.0	ug/m ³	-	RFPS-0694-098	4/22/2008	4:25 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-6
Lab Sample ID: 0804244-03

Collection Date: 4/11/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	47.2	ug/m ³	-	RFPS-0694-098	4/22/2008	4:30 PM	JAW

Report Comments:

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Reviewed and Approved By:

David S. Wildasin
Assistant Laboratory Director

Date Reviewed and Approved:

5-1-08

Larth Tech Ambient Air Monitoring Log

Sampling Date: 4-12-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ /V(STD)
20932-2	RH: 30.4 W1: 0.09086 Temp: 17.0 W2: 0.09012 Date: 4-8-08 W3: 0.09026 Time: 1720 W(I): 0.09041		RH: 32.2 W1: 0.09097 Temp: 19.3 W2: 0.09092 Date: 4-22-08 W3: 0.09094 Time: 1620 W(F): 0.09094		
		V (std): 24.947		DW = 0.00053	
20933-6	RH: 30.4 W1: 0.08948 Temp: 17.0 W2: 0.08941 Date: 4-8-08 W3: 0.08942 Time: 1726 W(I): 0.08944		RH: 32.2 W1: 0.08994 Temp: 19.3 W2: 0.08992 Date: 4-22-08 W3: 0.08996 Time: 1625 W(F): 0.08994		
		V (std): 25.046		DW = 0.00050	
20934-6	RH: 30.4 W1: 0.08954 Temp: 17.0 W2: 0.08958 Date: 4-8-08 W3: 0.08959 Time: 1732 W(I): 0.08957		RH: 32.2 W1: 0.09080 Temp: 19.3 W2: 0.09072 Date: 4-22-08 W3: 0.09072 Time: 1630 W(F): 0.09075		
		V (std): 24.993			
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Laboratory Result Summary

Page 1 of 2

Laboratory Project ID: 0804159

Earth Tech
John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
Project Number: N/A
Purchase Order Number: N/A
Sampled By: John Lancaster
Date Received: April 9, 2008
Time Received: 4:12 PM

Analytical Testing Parameters

Client Sample ID: **20932-1**
Lab Sample ID: **0804159-01**

Collection Date: **4/5/2008**
Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	16.5	ug/m ³	-	RFPS-0694-098	4/11/2008	10:10 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20933-5**
Lab Sample ID: **0804159-02**

Collection Date: **4/5/2008**
Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	24.3	ug/m ³	-	RFPS-0694-098	4/11/2008	10:16 AM	JAW

Analytical Testing Parameters

Client Sample ID: **20934-5**
Lab Sample ID: **0804159-03**

Collection Date: **4/5/2008**
Collection Time: **N/A**

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	25.1	ug/m ³	-	RFPS-0694-098	4/11/2008	10:23 AM	JAW



Laboratory Result Summary

Page 2 of 2

Laboratory Project ID: 0804159

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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- PADEP accredited for various drinking water parameters including: Volatile Organic Compounds, Metals, Inorganics, and Microbiology (22-00578). Please refer to our certified parameter list for specific information on the approved methodologies.

Reviewed and Approved By:

A handwritten signature in black ink, appearing to read "William W. Smith, Jr.", written over a horizontal line.

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

4-11-08

Earth Tech Ambient Air Monitoring Log

Sampling Date: 4-5-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW	Mass Concentration MC
	Conditions	Weights		Conditions	Weights		
20932-1	RH: 21.6	W1: 0.09060	1 st Time/ Date: _____	RH: 25.8	W1: 0.09105	DW = 0.00042	
	Temp: 21.9	W2: 0.09067	2 nd Time/ Date: _____	Temp: 21.0	W2: 0.09106		
	Date: 3-25-08	W3: 0.09066	Temp: _____	Date: 4-11-08	W3: 0.09106		
	Time: 1635	W(I): 0.09064	Pressure: _____	Time: 1010	W(F): 0.09106		
			Valid time: _____				
			Total time: _____				
		V (std): 25.436					
20933-5	RH: 44.6	W1: 0.09016	1 st Time/ Date: _____	RH: 25.8	W1: 0.09081	DW = 0.00062	
	Temp: 21.7	W2: 0.09018	2 nd Time/ Date: _____	Temp: 21.0	W2: 0.09081		
	Date: 4-1-08	W3: 0.09021	Temp: _____	Date: 4-11-08	W3: 0.09079		
	Time: 1525	W(I): 0.09018	Pressure: _____	Time: 1016	W(F): 0.09080		
			Valid time: _____				
			Total time: _____				
		V (std): 25.565					
20934-5	RH: 44.6	W1: 0.08910	1 st Time/ Date: _____	RH: 25.8	W1: 0.08973	DW = 0.00064	
	Temp: 21.7	W2: 0.08919	2 nd Time/ Date: _____	Temp: 21.0	W2: 0.08978		
	Date: 4-1-08	W3: 0.08904	Temp: _____	Date: 4-11-08	W3: 0.08974		
	Time: 1530	W(I): 0.08911	Pressure: _____	Time: 1023	W(F): 0.08975		
			Valid time: _____				
			Total time: _____				
		V (std): 25.483					
	RH: _____	W1: _____	1 st Time/ Date: _____	RH: _____	W1: _____		
	Temp: _____	W2: _____	2 nd Time/ Date: _____	Temp: _____	W2: _____		
	Date: _____	W3: _____	Temp: _____	Date: _____	W3: _____		
	Time: _____	W(I): _____	Pressure: _____	Time: _____	W(F): _____		
			Valid time: _____				
			Total time: _____				
		V (std): _____					



Laboratory Result Summary

Page 1 of 1

Laboratory Project ID: 0804052

Earth Tech
John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
Project Number: N/A
Purchase Order Number: N/A
Sampled By: John Lancaster
Date Received: April 2, 2008
Time Received: 4:19 PM

Analytical Testing Parameters

Client Sample ID: 20933-4
Lab Sample ID: 0804052-01

Collection Date: 3/30/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	11.0	ug/m ³	-	RFPS-0694-098	4/11/2008	10:45 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-4
Lab Sample ID: 0804052-02

Collection Date: 3/30/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	20.2	ug/m ³	-	RFPS-0694-098	4/11/2008	10:51 AM	JAW

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

William W. Smith, Jr.
Laboratory Director

4-11-08

Larh Tech Ambient Air Monitoring Log

Sampling Date: 3-30-08

R&P Partisol Model 2000 Air Sampler

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ /V(STD)
20933-4	RH: <u>26.6</u> W1: <u>0.09011</u> Temp: <u>18.0</u> W2: <u>0.09005</u> Date: <u>3-18-08</u> W3: <u>0.08999</u> Time: <u>1654</u> W(I): <u>0.09005</u>		RH: <u>25.8</u> W1: <u>0.09033</u> Temp: <u>21.0</u> W2: <u>0.09034</u> Date: <u>4-11-08</u> W3: <u>0.09035</u> Time: <u>1045</u> W(F): <u>0.09034</u>		
		V (std): <u>26.385</u>			DW = <u>0.00029</u>
20934-4	RH: <u>26.6</u> W1: <u>0.09084</u> Temp: <u>18.0</u> W2: <u>0.09061</u> Date: <u>3-18-08</u> W3: <u>0.09058</u> Time: <u>1700</u> W(I): <u>0.09068</u>		RH: <u>25.8</u> W1: <u>0.09123</u> Temp: <u>21.0</u> W2: <u>0.09120</u> Date: <u>4-11-08</u> W3: <u>0.09119</u> Time: <u>1051</u> W(F): <u>0.09121</u>		
		V (std): <u>26.297</u>			DW = <u>0.00053</u>
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Revised Laboratory Result Summary

Page 1 of 1

Laboratory Project ID: 0803398

Earth Tech
John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
Project Number: N/A
Purchase Order Number: N/A
Sampled By: John Lancaster
Date Received: March 26, 2008
Time Received: 5:05 PM

Analytical Testing Parameters

Client Sample ID: 20933-3
Lab Sample ID: 0803398-01

Collection Date: 3/24/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	22.4	ug/m ³	-	RFPS-0694-098	4/11/2008	10:30 AM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-3
Lab Sample ID: 0803398-02

Collection Date: 3/24/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	4.20	ug/m ³	-	RFPS-0694-098	4/11/2008	10:36 AM	JAW

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

4-28-08

Larth Tech Ambient Air Monitoring Log

Sampling Date: 3-24-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: alm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ /V(STD)
20933-3	RH: <u>26.6</u> W1: <u>0.09067</u> Temp: <u>18.0</u> W2: <u>0.09027</u> Date: <u>3-18-08</u> W3: <u>0.09027</u> Time: <u>1640</u> W(I): <u>0.09040</u>		RH: <u>25.8</u> W1: <u>0.09229</u> Temp: <u>21.0</u> W2: <u>0.09226</u> Date: <u>4-11-08</u> W3: <u>0.09227</u> Time: <u>1030</u> W(F): <u>0.09227</u>		
		V (std): <u>83.466</u>			DW = <u>0.00187</u>
20934-3	RH: <u>26.6</u> W1: <u>0.08996</u> Temp: <u>18.0</u> W2: <u>0.08973</u> Date: <u>3-18-08</u> W3: <u>0.08991</u> Time: <u>1647</u> W(I): <u>0.08987</u>		RH: <u>25.8</u> W1: <u>0.08999</u> Temp: <u>21.0</u> W2: <u>0.08997</u> Date: <u>4-11-08</u> W3: <u>0.08999</u> Time: <u>1036</u> W(F): <u>0.08998</u>		
		V (std): <u>26.196</u>			DW = <u>0.00011</u>
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Laboratory Result Summary

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Laboratory Project ID: 0803286

Earth Tech
John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster
Project Name: Claymont Steel
Project Number: N/A
Purchase Order Number: N/A
Sampled By: John Lancaster
Date Received: March 19, 2008
Time Received: 3:48 PM

Analytical Testing Parameters

Client Sample ID: 20933-2
Lab Sample ID: 0803286-01

Collection Date: 3/18/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	26.8	ug/m ³	-	RFPS-0694-098	4/8/2008	5:05 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-2
Lab Sample ID: 0803286-02

Collection Date: 3/18/2008
Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	10.6	ug/m ³	-	RFPS-0694-098	4/8/2008	5:00 PM	JAW

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

Date Reviewed and Approved:

4-11-08

William W. Smith, Jr.
Laboratory Director

Earth Tech Ambient Air Monitoring Log

Sampling Date: 3-18-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____	W(F) - W(I)	DWx10 ⁶ /V(STD)
20933-2	RH: <u>28.6</u> W1: <u>0.08475</u> Temp: <u>16.6</u> W2: <u>0.08473</u> Date: <u>3-7-08</u> W3: <u>0.08473</u> Time: <u>1634</u> W(I): <u>0.08474</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>26.422</u>	RH: <u>30.4</u> W1: <u>0.09045</u> Temp: <u>17.0</u> W2: <u>0.09043</u> Date: <u>4-8-08</u> W3: <u>0.09047</u> Time: <u>1705</u> W(F): <u>0.09045</u>		DW = 0.00071
20934-2	RH: <u>28.6</u> W1: <u>0.09033</u> Temp: <u>16.5</u> W2: <u>0.09030</u> Date: <u>3-7-08</u> W3: <u>0.09032</u> Time: <u>1658</u> W(I): <u>0.09032</u>	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): <u>26.336</u>	RH: <u>30.4</u> W1: <u>0.09058</u> Temp: <u>17.0</u> W2: <u>0.09061</u> Date: <u>4-8-08</u> W3: <u>0.09062</u> Time: <u>1700</u> W(F): <u>0.09060</u>		DW = 0.00028
	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		
	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		



Laboratory Result Summary

Page 1 of 1

Laboratory Project ID: 0803168

Earth Tech

John Lancaster
2 Market Plaza Way
Mechanicsburg, PA 17055

Contact: John Lancaster

Project Name: Claymont Steel

Project Number: N/A

Purchase Order Number: N/A

Sampled By: John Lancaster

Date Received: March 12, 2008

Time Received: 4:20 PM

Analytical Testing Parameters

Client Sample ID: 20933-1

Lab Sample ID: 0803168-01

Collection Date: 3/12/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	32.8	ug/m ³	-	RFPS-0694-098	3/18/2008	4:25 PM	JAW

Analytical Testing Parameters

Client Sample ID: 20934-1

Lab Sample ID: 0803168-02

Collection Date: 3/12/2008

Collection Time: N/A

General Chemistry Analysis

Parameter	Results	Units	PQL	Method	Test Date	Test Time	Analyst
TSP Mass Concentration	38.3	ug/m ³	-	RFPS-0694-098	3/18/2008	4:25 PM	JAW

Report Comments:

Note: Due to the extremely short holding time of 15 minutes, the following test procedures, if reported, were performed outside the recommended holding time: Total Residual Chlorine, laboratory pH, Dissolved Oxygen, Orthophosphate, and Sulfite.

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Reviewed and Approved By:

William W. Smith, Jr.
Laboratory Director

Date Reviewed and Approved:

3-20-08

Earth Tech Ambient Air Monitoring Log

Sampling Date: 3-12-08

R&P Partisol Model 2000 Air Sampler

Units:
 Temp: °C Volume: m³
 Pressure: atm Weight: grams

Filter Number	Pre Sampling (24 Hour Equilibration)	Filter Exposure	Post Sampling (24 Hour Equilibration)	DW	Mass Concentration MC
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights	W(F) - W(I)	DWx10 ⁶ AV(STD)
20933-1	RH: <u>28.6</u> W1: <u>0.08991</u> Temp: <u>16.5</u> W2: <u>0.08993</u> Date: <u>3-7-08</u> W3: <u>0.08994</u> Time: <u>1640</u> W(I): <u>0.08993</u>		RH: <u>26.6</u> W1: <u>0.09068</u> Temp: <u>18.0</u> W2: <u>0.09085</u> Date: <u>3-18-08</u> W3: <u>0.09082</u> Time: <u>1615</u> W(F): <u>0.09078</u>		
		V (std): <u>25.943</u>			DW = <u>0.00085</u>
20934-1	RH: <u>28.6</u> W1: <u>0.09014</u> Temp: <u>16.5</u> W2: <u>0.09012</u> Date: <u>3-7-08</u> W3: <u>0.09016</u> Time: <u>1645</u> W(I): <u>0.09014</u>		RH: <u>26.6</u> W1: <u>0.09108</u> Temp: <u>18.0</u> W2: <u>0.09114</u> Date: <u>3-18-08</u> W3: <u>0.09116</u> Time: <u>1625</u> W(F): <u>0.09113</u>		
		V (std): <u>25.854</u>			DW = <u>0.00099</u>
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		
	Conditions Weights	1 st Time/ Date: _____ 2 nd Time/ Date: _____ Temp: _____ Pressure: _____ Valid time: _____ Total time: _____ V (std): _____	Conditions Weights		
	RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(I): _____		RH: _____ W1: _____ Temp: _____ W2: _____ Date: _____ W3: _____ Time: _____ W(F): _____		

Earth Tech Ambient Air Monitoring Log

Filter Log For SN: _____

Units:
Temp: °C Volume: m³
Pressure: atm Weight: grams

R&P Partisol Model 2000 Air Sampler

Filter Number	Pre Sampling (24 Hour Equilibration)		Filter Exposure	Post Sampling (24 Hour Equilibration)		DW	Concentration
	Conditions	Weights		Conditions	Weights		
2 SA 3-18-08 20932-X	RH: 28.6	W1: 0.08975	1 st Time/Date: _____	RH: _____	W1: _____	W(F) - W(I)	DWx10 ⁶ /V(STD)
	Temp: 16.6	W2: 0.08973	2 nd Time/Date: _____	Temp: _____	W2: _____		
	Date: 3-7-08	W3: 0.08973	Pressure: _____	Date: _____	W3: _____		
	Time: 16:34	W(I): 0.08974	Valid time: _____	Time: _____	W(F): _____		
			Total time: _____				
			V (std): _____				
20933-1	RH: 28.6	W1: 0.08991	1 st Time/Date: _____	RH: 26.6	W1: 0.09068	DW = 0.00085g	32.8 ug/m ³
	Temp: 16.5	W2: 0.08993	2 nd Time/Date: _____	Temp: 18.0	W2: 0.09085		
	Date: 3-7-08	W3: 0.08994	Pressure: _____	Date: 3-18-08	W3: 0.09082		
	Time: 16:40	W(I): 0.08993	Valid time: _____	Time: 16:15	W(F): 0.09078		
			Total time: _____				
			V (std): 25.945 m ³				
20934-1	RH: 28.6	W1: 0.09014	1 st Time/Date: _____	RH: 26.6	W1: 0.09108	DW = 0.00099g	38.3 ug/m ³
	Temp: 16.5	W2: 0.09012	2 nd Time/Date: _____	Temp: 18.0	W2: 0.09114		
	Date: 3-7-08	W3: 0.09016	Pressure: _____	Date: 3-18-08	W3: 0.09116		
	Time: 16:45	W(I): 0.09014	Valid time: _____	Time: 16:25	W(F): 0.09113		
			Total time: _____				
			V (std): 25.854 m ³				
2 SA 3-18-08 20936-X	RH: 28.6	W1: 0.09033	1 st Time/Date: _____	Conditions	Weights		
	Temp: 16.5	W2: 0.09030	2 nd Time/Date: _____	RH: _____	W1: _____		
	Date: 3-7-08	W3: 0.09032	Pressure: _____	Temp: _____	W2: _____		
	Time: 16:58	W(I): 0.09032	Valid time: _____	Date: _____	W3: _____		
			Total time: _____	Time: _____	W(F): _____		
			V (std): _____				

Start

Final

3-7-08 100mg check wt = 0.10005g
3-18-08 100mg check wt = 0.09999g

100mg check wt = 0.10002g
100mg check wt = 0.09998g