

**Evrax Claymont Steel**

**Fugitive Dust Control Program  
Monthly Progress Report #15  
March 2009**

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## Revision Log

Revision #	Revised By	Date	Issue / Revision Description
0	WRA	April 6, 2009	Original

## Signature Page

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# Table of Contents

<b>1. Introduction .....</b>	<b>1</b>
<b>2. Update on Project Activities .....</b>	<b>1</b>
2.1 Project Management and Meetings .....	1
2.2 Emissions Impact Assessment .....	2
2.3 Melt Shop .....	2
2.3.1 Fume Control System Assessment .....	2
2.3.2 Scrap Bay Operations .....	2
2.3.3 Carbon and Lime Transfer .....	2
2.3.4 Fume Control System Improvements .....	2
2.4 Slag Quenching .....	3
2.5 Roadways .....	3
2.5.1 Paving .....	3
2.5.2 Truck Wheel Wash Station .....	3
2.5.3 Speed Limit Enforcement .....	3
2.6 Scrap Yard .....	3
2.6.1 Relocate Stock Piles .....	3
2.6.2 Concrete Block Wall .....	4
2.7 Slag Yard .....	4
2.7.1 Enclosure for Charge Hopper .....	4
2.7.2 Spray System Improvements .....	4
2.7.3 Minimize Inventory of Processed Slag and Scarfing Fines .....	4
2.8 Ambient Air Monitoring Program .....	5

## Appendices

- A. Updated Implementation Schedule
- B. Outside Sales Summary – March 2009

## 1. Introduction

On December 21, 2007 the Delaware Department of Natural Resources and Environmental Control (DNREC) approved the implementation plan and schedule submitted by Evraz Claymont Steel (ECS) in support of the required projects and tasks associated with the improvements to dust control measures at its steel-making facility in Claymont, Delaware.

Regular communication of progress status with DNREC is an important aspect of this implementation plan. Monthly progress reports are part of the approved implementation plan. They are due on or about the first day of each month to report on progress of the various projects being undertaken.

This report covers activities up to March 31, 2009 and provides an update of the project progress, outlines the work planned for the following month, and identifies discussion items that require action or feedback to maintain progress on the overall implementation plan.

## 2. Update on Project Activities

Each section below discusses the project activities that took place in the previous month and highlight where appropriate, the planned activities for coming months for each component of the Implementation Plan.

### 2.1 Project Management and Meetings

Update on Project Activities:

- This report is Progress Report #15 for March 2009 and has been submitted on April 6, 2009. The submission schedule of these progress reports are planned for submission within a few business days of the 1<sup>st</sup> to allow for inclusion of slag production and shipping information from the previous month. This ensures that each progress report contains the most recent slag production information.
- A meeting was held on March 10, 2009 with DNREC and Evraz Claymont Steel to discuss dust control measures at the facility and other items.
- A public meeting was held on March 14<sup>th</sup>, 2009 and included an overview of plant operations, review and analysis of the dust study commissioned by the Claymont Community Coalition as well as other studies being conducted by Evraz Claymont Steel and discussion of the continued efforts to reduce emissions. AECOM presented interim results of the air monitoring program and a review of the dust reduction projects.

Planned Project Activities:

- Ongoing client communications.

## 2.2 Emissions Impact Assessment

### Update on Project Activities:

- This task includes the development of the dispersion modelling protocol document and the planned modelling of emissions.
- Dispersion modelling protocol document remains under review by DNREC.

### Planned Project Activities:

- Dispersion modeling will be conducted upon review and approval of the dispersion modelling protocol by DNREC

## 2.3 Melt Shop

### 2.3.1 Fume Control System Assessment

#### Update on Project Activities:

- The Draft report submitted in December 2008 remains under review by DNREC.

#### Planned Project Activities:

- Following DNREC's review, the opportunities for and feasibility of future dust control measures associated with the Melt Shop will be discussed with DNREC.

### 2.3.2 Scrap Bay Operations

#### Update on Project Activities:

- No additional activity was planned for this task.

#### Planned Project Activities:

- There are currently no other projects planned for the Scrap Bay

### 2.3.3 Carbon and Lime Transfer

#### Update on Project Activities:

- No additional activity was planned for this task.

#### Planned Project Activities:

- There are currently no other projects planned for the Carbon and Lime Transfer system.

### 2.3.4 Fume Control System Improvements

#### Update on Project Activities:

- No additional activity was planned for this task. Any future Fume Control System Improvements will be discussed with DNREC following their review of the Melt Shop Fume Control Assessment Report of December 2008.

Planned Project Activities:

- Additional action items will be developed based on discussions with DNREC following their review of the Melt Shop Fume Control Assessment Report of December 2008.

## 2.4 Slag Quenching

Update on Project Activities:

- No additional activity was planned for this task.

Planned Project Activities:

- No additional activity is planned for this task.

## 2.5 Roadways

### 2.5.1 Paving

Update on Project Activities:

- No additional activity was planned for this task.

Planned Project Activities:

- No additional activity is planned for this task.

### 2.5.2 Truck Wheel Wash Station

Update on Project Activities:

- No additional activity was planned for this task.

Planned Project Activities:

- No additional activity is planned for this task.

### 2.5.3 Speed Limit Enforcement

Update on Project Activities:

- On-going enforcement and monitoring has been carried out by Evrax Claymont Steel security.

Planned Project Activities:

- On-going enforcement will be carried out by Evrax Claymont Steel security.

## 2.6 Scrap Yard

### 2.6.1 Relocate Stock Piles

Update on Project Activities:

- No additional activity was planned for this task.

Planned Project Activities:

- No additional activity is planned for this task.

## 2.6.2 Concrete Block Wall

Update on Project Activities:

- Project has been postponed pending engineering design and evaluation of a Stir Station dust collection system.

Planned Project Activities:

- No additional activity is planned for this task

## 2.7 Slag Yard

### 2.7.1 Enclosure for Charge Hopper

Update on Project Activities:

- Slag Charge Enclosure Hopper was completed.

Planned Project Activities:

- No additional activity is planned for this task.

### 2.7.2 Spray System Improvements

Update on Project Activities:

- Upkeep and maintenance of spray systems continue.

Planned Project Activities:

- No additional improvements are planned.

### 2.7.3 Minimize Inventory of Processed Slag and Scarfing Fines

Update on Project Activities:

- March slag production was 2197.00 tons from the melt tons produced. The amount of slag material sold in March was 6723.06 tons. See Appendix B for a detailed summary of slag production and sales values.
- March scarfing and mill scale production was 468.00 tons. The amount of this material sold in March was 505.30 tons. See Appendix B for a detailed summary of scarfing and mill scale production and sales values.

Planned Project Activities:

- On-going slag storage reduction will continue to be monitored and reported monthly.

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## 2.8 Ambient Air Monitoring Program

### Update on Project Activities:

- AECOM staff from Harrisburg, Pennsylvania office maintains the monitors and retrieves and resets the samples every 6 days.
- Ambient air data continues to be collected on schedule.
- Results from 2008 were submitted to DNREC and later presented at a public meeting on March 14<sup>th</sup>. Presentation was available on the Evraz Claymont Steel website as of March 31<sup>st</sup>.

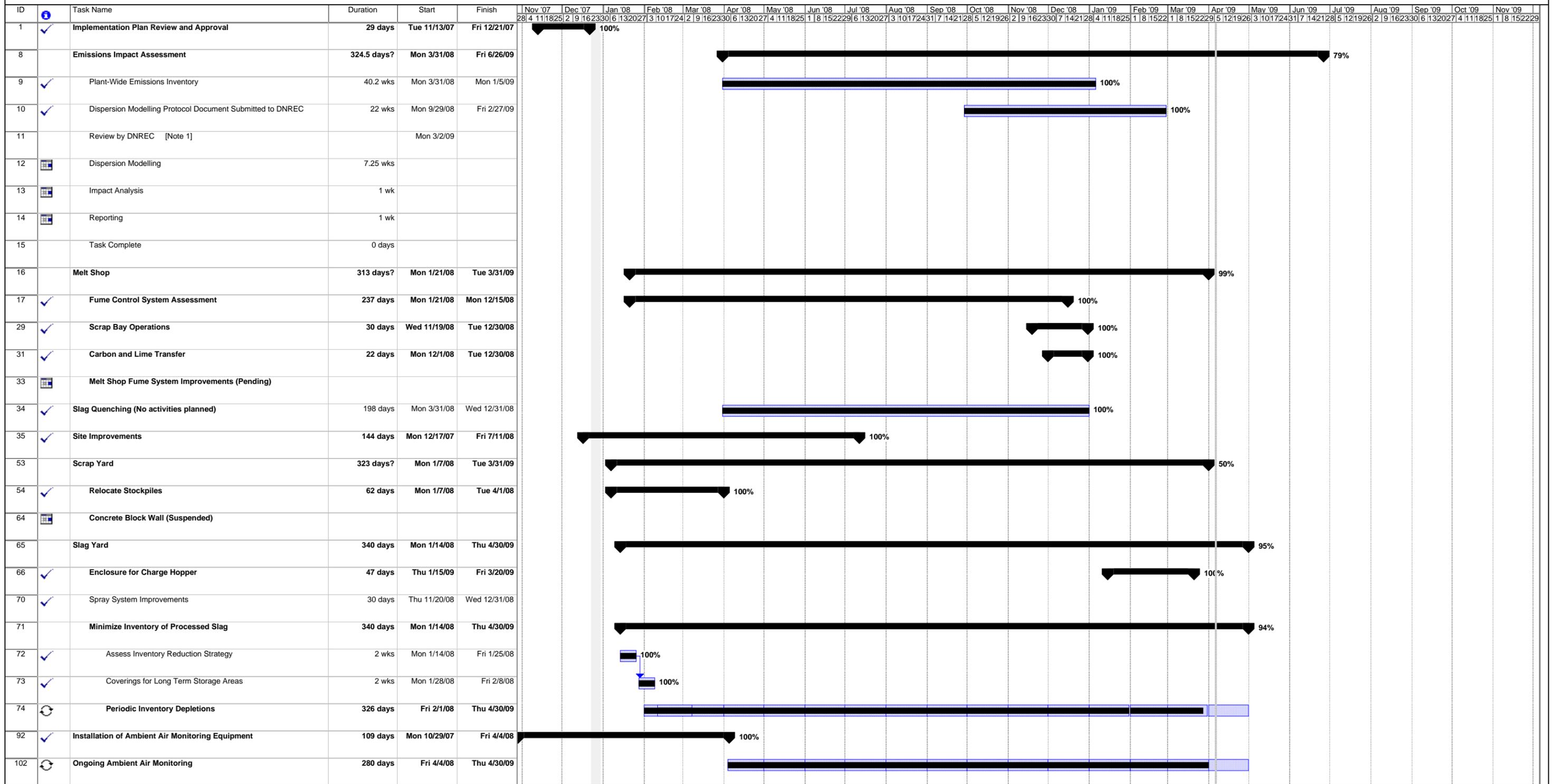
### Planned Project Activities:

- Sampling will continue every six days at all four monitors.
- Maintenance will be performed on each monitor as required.

## Appendix A

# Updated Implementation Schedule

**Evraz Claymont Steel  
Implementation Plan  
Dust Control Projects**



Task Progress Summary Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary   
Critical Task Milestone Rolled Up Task Rolled Up Milestone Split Project Summary Deadline

Notes:  
[1] Projected dates associated with subsequent tasks are dependant on the completion of the DNREC review of the Dispersion Modelling Protocol Document.

## Appendix B

### Outside Sales Summary – March 2009

March-09

OUTSIDE SALES

SLAG PRODUCED	2197.00
SCARFINGS/MILLSALE PRODUCED	468.00

Material

Slag

Customer	Type of Material	# of Loads	Total tons
DSWA Cherry Island	2A	183	4049.29
Cash	2A	2	46.46
Claymont Steel	2A	8	217.85
John Savoy	2A	4	95.02
	2A		
	2A		
<b>Total</b>			<b>4408.62</b>

Customer	Type of Material	# of Loads	Total tons
DSWA Cherry Island	2"x4"	84	1942.00
<b>Total</b>			<b>1942.00</b>

Customer	Type of Material	# of Loads	Total tons
DSWA Cherry Island	4+	17	372.44
<b>Total</b>			<b>372.44</b>

Total Tons 6723.06

Material

Scarfings/Millsale

Customer	Type of Material	# of Loads	Total tons
US Block	1/4"	1	23.61
Lehigh	1/4"	9	211.31
Chesapeake	1/4"	12	270.38
<b>Total</b>			<b>505.30</b>

Customer	Type of Material	# of Loads	Total tons
Tubecity Wheeling-Pitt	1/2"x5"	0	0
Tubecity Smith Export	1/2"x5"	0	0
<b>Total</b>			<b>0</b>

Customer	Type of Material	# of Loads	Total tons
Tubecity Fairless	5"-3'	0	0
Tubecity Smith Export	5"-3'	0	0
<b>Total</b>			<b>0</b>

Total Tons 505.30