

## **Lead Removal Operations Report**

Weekly audit findings are prepared by the independent auditor and reported to Magellan Metals, Esperance Port Authority, Department of Conservation and Environment and Department of Mines and Petroleum.

In addition, the weekly report will include reviews of the Occupational Health and Safety personnel involved in the lead removal plan, dust monitoring, ventilation and operations.

### **Week Six: March 9 to March 15, 2009**

Progress was again good this week with 400 bags and 31 containers totalling 766 tonnes filled, slightly down on the previous week's total of 786 tonnes. Best daily rate was on Tuesday, March 10, when 82 bags and six containers were filled.

By the end of the week 96 containers containing 1250 bags and totally 2357 tonnes of lead carbonate had been bagged.

Progress during the early part of the week was particularly good, but operational delays because of mechanical problems were experienced on Friday, Saturday and Sunday.

In particular, maintenance on the bagging machine included correcting tracking problems with the conveyor and replacing a roller and scraper on the conveyor system. Minor repairs were completed on the roller door between the old WMC shed and new shed after it was damaged by a forklift. Temporary repairs were made to the roller door to enable operations to continue until the door can be replaced.

The forklift used to move the containers from the shed entrance to the trailer experienced bearing problems which resulted in lost lubrication and seal failures resulting in the need to replace three bearings. This work was carried out over Friday and Saturday. Essentially no time was lost due to these repairs as other maintenance was being conducted on the bagging machine simultaneously.

On Wednesday, March 11, the operations and sheds were inspected by a DEC officer accompanied by the Independent Auditor. Swabs were taken of floor markings over nine areas within the floor of the outer shed, which is believed to be rubber from the tyres of the forklift that is operating in the shed. The swabs were sent for analysis.

One hotspot swabbed in the outer shed is in the area where personal protective equipment (PPE) worn by people working in the WMC shed is changed for clean PPE. Cleaning in this area will be upgraded to reduce the chance of lead concentrate dust from clothing or equipment being used in the bagging operations becoming airborne.

<b>Week of:</b>	<b># Containers filled during the week</b>	<b># bags filled during the week</b>	<b>Tonnage containerized during the week</b>
Feb 9 <sup>th</sup> – 15 <sup>th</sup>	6	78	141
Feb 16 <sup>th</sup> – 22 <sup>nd</sup>	4	60	104.5
Feb 23 <sup>rd</sup> – Mar 1 <sup>st</sup>	23	296	558.6
Mar 2 <sup>nd</sup> – 8 <sup>th</sup>	32	416	786.4
Mar 9 <sup>th</sup> -15 <sup>th</sup>	31	400	766.6
<b>Cumulative Totals to Date</b>	<b>96</b>	<b>1250</b>	<b>2357.1</b>

### **Monitoring**

All dust monitoring results have been within the specified guidelines.

Analysis of the samples taken from the floor in the clean shed on March 12 indicated that the dark substance was not lead and most probably rubber off the forklift tyres. The sampling demonstrated that lead levels in the shed are at baseline levels.

The PPE change-out area where a hot spot was identified is being vacuum cleaned twice daily.