

26<sup>th</sup> September 2003

Ref: J/N<sup>o</sup> 460

Mr. Basil. M. Feros  
19 Ferguson Road  
Springwood, NSW  
2777

Dear Sir,

**Re: “Supplementary Site Contamination Assessment Report”**  
**81 – 85 Christie Street, St Marys, 2760**

On the 17th September 2003, we attended the above site and carried a visual assessment of the site for comparison with the 1998 Assessment. This Supplementary Assessment was also supported with sampling of disturbed soil from the rear part of the property and from the area where sandblasting had taken place.

**Changes to Site**

The rear boundary fence has been removed to allow access to the rail area to enable removal of railway tracks. This has only superficially impacted on the rear portion of the block. Sampling and testing of soil did not detect any significant impacts.

Two sections of the car park have had the bitumen surface replaced with concrete paving.

Sandblasting equipment has been removed from site. Some blasting grit remains on site in the former work area and has been sampled. Tests did not detect any heavy metal contamination that exceeded the guidelines for “Industrial Land” (NEHF F).

**Sampling**

The soil at the site was sampled at five locations using a hand auger, from ground level to a depth of 300mm at each location, see figure 1. Locations 27A and 27B were composited as the two samples were similar in texture and appearance (sandblasting grit). In total four samples were submitted to Sydney Analytical Laboratories (NATA Reg. 1884) at Seven Hills for heavy metal analysis. Sydney Analytical Laboratories NATA approval is current.

## Results

**Table - Heavy Metal Analytical Results**

Sample ID	Location	Depth (m)	As	Cd	Cr(tot)	Cu	Pb	Hg	Ni	Zn
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Mg/kg	mg/kg
03460001	24	0.0-0.3	8.0	<0.5	23	96	110	0.030	2.5	650
03460002	25	0.0-0.3	22	1.5	78	750	850	0.10	19	1.5%
03460003	26	0.0-0.3	42	2.0	35	320	510	0.045	18	6400
03460004	Comp 27A & 27B	0.0-0.3	31	2.0	130	760	1350	0.030	31	1.5%
EPA NSW Site Auditor Scheme Criteria Column 4: Commercial or industrial (NEHF F)			500	100	60%	5000	1500	75	3000	35000

## Conclusion

In the period between 1998 and the 17/9/03 there has been no additional impact on soil quality at this site.

- Sand/grit from sandblasting operations has not exceeded the heavy metal guideline levels for Commercial or Industrial property.
- If any soil is to be removed from the site during or as part of the proposed development, the EPA NSW Waste Guidelines must be applied and the material to be removed classified in accordance with those guidelines.
- There has been no significant changes to the property between 1998 and 17/9/03 other than the removal of the sandblasting plant.
- The former rubber gasket manufacturing operations have shifted into the eastern building and the western building is now used for urethane insulation manufacture.

- It is the opinion of Earth Air Water Consulting & Monitoring P/L that the site at 81-85 Christie Street, St Marys is suitable for its intended Commercial and Industrial use.

If you have any questions relating to this assessment please contact the undersigned.  
Yours faithfully

Warren J. Newell  
MAppSc; FIEAust; CPEng (reg)  
Principal Engineer.