

Modderfontein Laboratory Services (Pty) Ltd

Registration Number : 1966/001741/07

P. O. Box 27

Modderfontein

1645

Tel: +27 011 457 1800

Fax: +27 011 608 0923

To: CLEAR ASSET
Att: Ariella Kuper
Email: Ariella@clearasset.co.za

PHOSPHATE ROCK Ex NM CHERRY BLOSSOM

POSSIBLE CONTAMINATION OF CARGO

The NM Cherry Blossom has been berthed in Port Elizabeth Harbour from July 2017 when the first set of samples were taken. The most likely contamination that could have taken place is the ingress of sea water.

Looking at the comparison of the results below of Sodium and Chloride (Salt), there does not appear to have been any significant ingress of sea water over the period July 2017 until March 2018

	Hold 1	Hold 2	Hold 3	Hold 4	Hold 5
Sodium as Na					
July 2017	0.13	0.14	0.58	0.13	0.13
October 2017	0.07	0.07	0.37	0.08	0.08
March 2018	0.13	0.13	0.80	0.13	0.14
Chloride as Cl					
July 2017	0.09	0.08	0.47	0.07	0.10
October 2017	0.05	0.05	0.23	0.05	0.06
March 2018	0.05	0.05	0.41	0.05	0.06

CHIEF CHEMIST: D. Gregory

DATE: 29th March 2018