



**Horne, Susan**

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**Attachments:** Mass Balance Detail MV Marathassa.docx

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**From:** Scott Wright [<mailto:scottw@wcmrc.com>]  
**Sent:** Tuesday, April 21, 2015 11:01 AM  
**To:** Elise DeCola  
**Cc:** McPherson, Katie; Horne, Susan  
**Subject:** RE: recovered oil volume

Here you are!

**Scott Wright** | Director, Response Readiness

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Western Canada Marine Response Corp

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**From:** Elise DeCola [<mailto:elise@nukaresearch.com>]  
**Sent:** Tuesday, April 21, 2015 10:02 AM  
**To:** Scott Wright  
**Cc:** McPherson, Katie; Horne, Susan  
**Subject:** recovered oil volume

Hi Scott -

Could you please send me an electronic version of the recovered oil estimate that you distributed at the UC meeting last week?

Thanks!  
Elise

**Elise DeCola, Operations Manager**  
**Nuka Research and Planning Group, LLC**

  
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## Waste Collected

MV Marathassa – as of April 16, 2015

	Recovered volumes	Oil only volume	Notes
<b>Liquid (Oil and Water)</b>	8200L		This is the total volume received from Terrapure (formerly Newalta)
<b>Oil (as tested by Newalta)</b>	800L	800L	
<b>Oil and water still onboard BC No 3</b>	300L	200L	This volume remains in the cargo tank because the cargo pump is not designed to strip the last remaining liquid.
<b>Solid waste from the boat crews (sorbents, ppe, oil)</b>		302L	155 bags total 93 bags at 15kg per bag = 1,395kg 62 bags at 10kg per bag = 620kg Total weight = 2,015 Conservative assumption 15% by weight is oil. (Density of bunker 0.9kg/L) Therefore $2015\text{kg} \times 0.9\text{kg/L} \times 0.1 = 302\text{L}$
<b>Oil adhered to booms already recovered</b>		100L	
<b>Total volume of oil recovered</b>		1402L	