

From: George Graettinger
Sent: Thu Apr 29 00:20:01 2010
To: DeWitt, Cynthia S
Subject: Emailing: ms252 spill vol4-28.xls
Importance: Normal
Attachments: ms252 spill vol4-28.xls

From Tony...

The message is ready to be sent with the following file or link
attachments:

ms252 spill vol4-28.xls

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8938

Exhibit No. _____
Worldwide Court
Reporters, Inc.

Document Produced Natively

Oil on Water Estimate - Low

	sq mi	Cover Factor	gal/sq mi	gals	bbls
Sheen	1641	0.5	50	41025	977
Dull oil	235	0.2	666	31302	745
Dark oil	21	0.15	3330	10490	250

Total oil on water 82817 1972

x 2 to compensate for evap and disp 3944

recovered 200

chemically dispersed 1000

Total emitted 5144

Barrels emitted per day 935

Oil on Water Estimate - Best Guess

	sq mi	Cover Factor	gal/sq mi	gals	bbls
Sheen	1641	0.66	333	360659	8587
Dull oil	235	0.35	1332	109557	2609
Dark oil	21	0.25	6660	34965	833

Total oil on water 505181 12028

x 2 to compensate for evap and disp 24056

recovered 450

chemically dispersed 3500

Total emitted 28006

Barrels emitted per day 5092

Oil on Water Estimate - High

	sq mi	Cover Factor	gal/sq mi	gals	bbls
Sheen	1641	0.75	666	819680	19516
Dull oil	235	0.5	3330	391275	9316
Dark oil	21	0.35	13320	97902	2331

Total oil on water 1308857 31163

x 2 to compensate for evap and disp 62327

recovered 700

chemically dispersed 6000

Total emitted 69027

Barrels emitted per day 12550

Using "Extended Guidelines for the Use of the Bonn Agreement Oil Appearance Code (BAOAC)"

Oil on Water Estimate - Low

	sq mi	sq km	Cover Factor	litres/sq km	litres	gals	bbls
Sheen	1641	4250	0.5	40	85003	22456	535
Dull oil	235	609	0.2	5000	608647	160788	3828
Dark oil	21	54	0.15	50000	407923	107762	2566

Total oil on water 1101574 291005 6929

x 2 to compensate for evap and disp 13857

recovered 200

chemically dispersed 1000

Total emitted 15057

Barrels emitted per day 2738

Oil on Water Estimate - Best Guess

	sq mi	sq km	Cover Factor	litres/sq km	litres	gals	bbls
Sheen	1641	4250	0.66	300	841534	222310	5203
Dull oil	235	609	0.35	20000	4260530	1125513	26798
Dark oil	21	54	0.25	100000	1359744	359206	8553

Total oil on water 6461808 1707029 40644

x 2 to compensate for evap and disp 81287

recovered 450

chemically dispersed 3500

Total emitted 85237

Barrels emitted per day 15498

Oil on Water Estimate - High

	sq mi	sq km	Cover Factor	litres/sq km	litres	gals	bbls
Sheen	1700	4403	0.75	5000	16511174	4361791	103852
Dull oil	152	394	0.5	50000	9841955	2599069	61904
Dark oil	21	54	0.35	200000	3807283	1005778	23947

Total oil on water 30160412 7967538 189703

x 2 to compensate for evap and disp 379407

recovered 700

chemically dispersed 6000

Total emitted 386107

Barrels emitted per day 70201

Mass Balance

	Last 24 hrs	Cumulative
Oil emitted	1000 - 6000	5000 - 30000
Oil dispersed naturally	200 - 1200	835 - 5020
Oil dispersed chemically	500 - 3000	1000 - 6000
Oil burned	0	0
Oil evaporated	300 - 1800	1500 - 9000
Oil recovered	120 - 360	230 - 690
Oil on water	180 - 1440	1500 - 10000

Time 10:01
Date 4.27.2010

20%
50% ?
0
30%
12%
18%

Mass Balance

	Last 24 hrs	Cumulative
Oil emitted	1000 - 6000	6000 - 36000
Oil dispersed naturally	200 - 1200	1035 - 6220
Oil dispersed chemically	500 - 3000	1500 - 9000
Oil burned	0	0
Oil evaporated	300 - 1800	1800 - 10800
Oil recovered	120 - 360	350 - 1050
Oil on water	180 - 1440	1680 - 11440

Time 0:00
Date 4.28.2010