

Using "Metcalf Eddy. Wastewater Engineering, Treatment and Reuse. 4th Ed., New York, McGraw-Hill, 2003".

1366

Oil on Water Estimate - Low

	sq mi	gal/sq mi	gals	bbls
all sources				
Sheen	1263	50	63150	1504
Dull oil	64	500	32000	762
Dark oil	39	1000	39000	929

Total oil on water 134150 3194

x 2 to compensate for evap and disp 6388

recovered 100

chemically dispersed 800

Total emitted 7288

Barrels emitted per day 1620

Oil on Water Estimate - Best Guess

	sq mi	gal/sq mi	gals	bbls
Sheen	1263	333 100	126300	3007
Dull oil	64	1000 666	42624	1015
Dark oil	39	2000 1332	51948	1237

Total oil on water 220872 5259

x 2 to compensate for evap and disp 10518

recovered 200

chemically dispersed 2800

Total emitted 13518

Barrels emitted per day 3004

Oil on Water Estimate - High

	sq mi	gal/sq mi	gals	bbls
Sheen	1263	666 500	631500	15036
Dull oil	64	1332 1000	64000	1524
Dark oil	39	2664 1500	58500	1393

Total oil on water 754000 17952

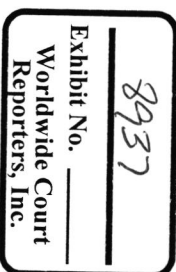
x 2 to compensate for evap and disp 35905

recovered 300

chemically dispersed 4800

Total emitted 41005

Barrels emitted per day 9112



Oil on Water Estimate - Low

	sq m	sq km	Cov Allocn	litres/sq km	litres	gals	bbbls
Sheen	1283	3271	0.30	300	294404	77773	1852
Dull oil	64	166	0.10	5000	62980	21894	521
Dark oil	39	101	0.05	100000	505046	133419	3177

Total oil on water 882331 233087 5550

x 2 to compensate for evap and disp

recovered 100

chemically dispersed 800

Total emitted 11099

Barrels emitted per day 2667

Oil on Water Estimate - Best Guess

	sq m	sq km	Cov Allocn	litres/sq km	litres	gals	bbbls
Sheen	1283	3271	0.50	300	490673	129622	3086
Dull oil	64	166	0.20	20000	663037	175196	4170
Dark oil	39	101	0.10	200000	2020191	533678	12707

Total oil on water 3173901 838456 19963

x 2 to compensate for evap and disp

recovered 100

chemically dispersed 800

Total emitted 40826

Barrels emitted per day 9073

Oil on Water Estimate - High

	sq m	sq km	Cov Allocn	litres/sq km	litres	gals	bbbls
Sheen	1283	3271	0.70	300	686043	181471	4321
Dull oil	64	166	0.30	50000	2486398	658834	15939
Dark oil	39	101	0.20	300000	6060572	1601034	38120

Total oil on water 9233503 2439339 58080

x 2 to compensate for evap and disp

recovered 100

chemically dispersed 800

Total emitted 117060

Barrels emitted per day 26013



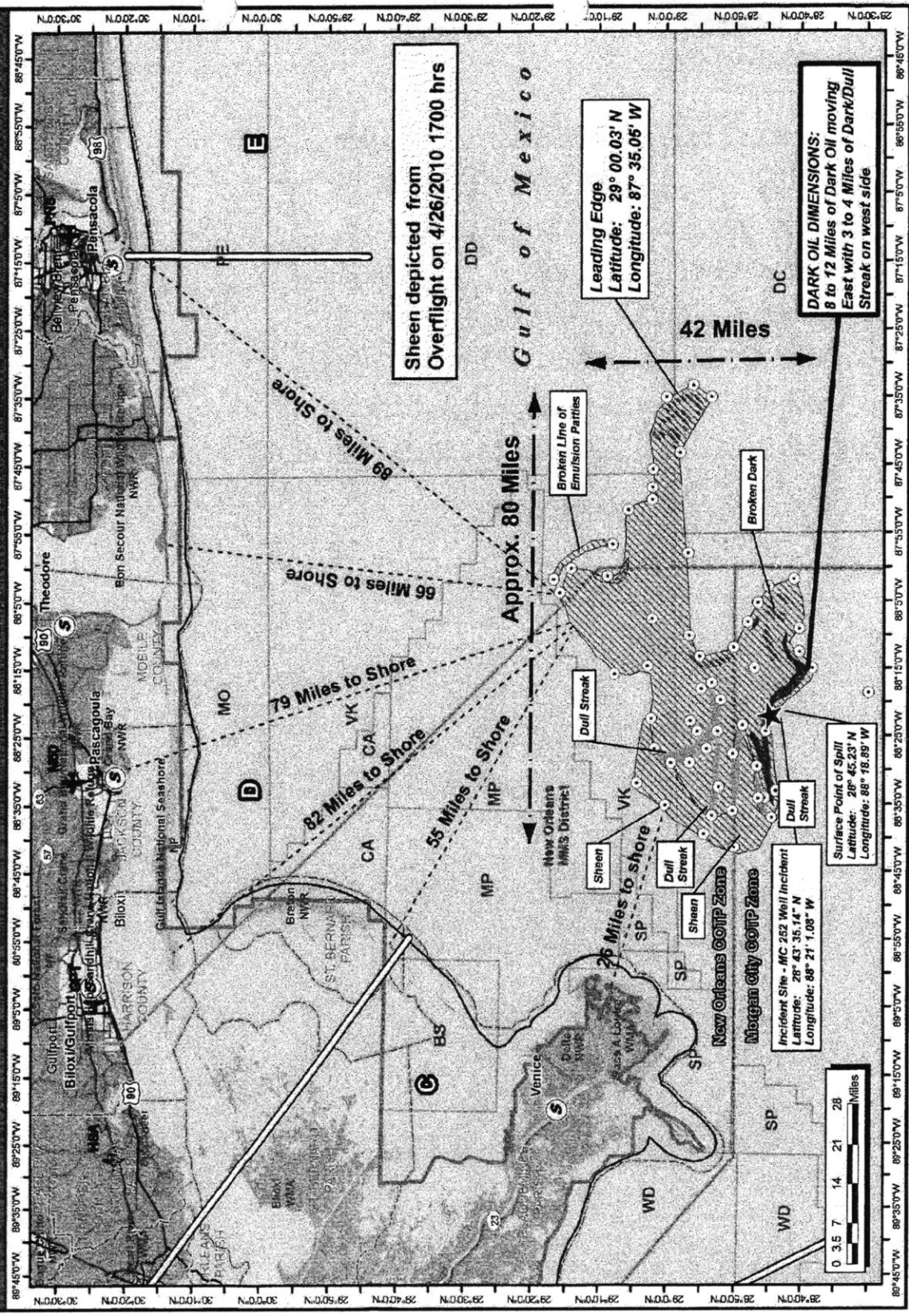
From MC 252 ICS 209

Mass Balance

	Last 24 hrs	Cumulative
Oil emitted	1000 - 6000	4000 - 24000
Oil dispersed naturally	200 - 1200	800 - 5000
Oil dispersed chemically	400 - 2400	800 - 4800
Oil burned	0	0
Oil evaporated	300 - 1750	1200 - 7000
Oil recovered	0	100 - 300
Oil on water	100 - 700	1200 - 7000

Time 14:16
Date 4.26.2010

**MISSISSIPPI CANYON 252
OVERFLIGHT MAP
4/26/2010 17:00 hrs**



MASS BALANCE**LAST 24 HOURS****CUMULATIVE**

OIL EMITTED

1000 - 6000

4000 - 23000

OIL DISPERSED NATURALLY

200 - 1200

770 - 4620

OIL DISPERSED CHEMICALLY

400

400

OIL BURNED

-

-

OIL EVAPORATED

300 - 1750

1100 - 6700

OIL RECOVERED

-

100 - 300

OIL ON WATER

100 - 2500

1500 - 11000

DIR 14:00 4-26-10

not in disagreement based on
our initial discussion.

CST

1000
200
400
300
100

1000

6000

1200
400
1750
2500

4850
~~4850~~
~~150~~
150

6000

370
400
1100
100
1500

3870

3870
130