



Figure 11. DOE/NNSA Flow Team prediction for post-accident Macondo Well flow rate using flow results in this report.

The cumulative flow rate is shown in Figure 12, which also includes the estimate of ~800,000 barrels of oil collection by BP; these numbers were provided prior to July 30, 2010, and are still in review by BP. Overall, the DOE-NNSA Flow Team predicted a cumulative oil flow of ~5 million bopd based on an estimated flow rate of 53,000 bopd at the time of CS closure.<sup>20</sup> Given the uncertainties and assumptions used in all of the analyses discussed in this report, the cumulative oil-flow total should be taken as a best estimate with an uncertainty of +/- 500,000 barrels (+/- 10%).

<sup>20</sup> A cumulative flow of ~4.9 million barrels of oil was reported by the NNSA-DOE Flow Team during July 30-31 government flow group meetings (viewgraph reports can be obtained from Reference 2, the Microsoft SharePoint repository). The total oil-flow estimates were based on flow-rate numbers shown below, which are slightly lower than those in this report.

Timeline in Days	Happening	Flow Estimate Reported July 30 (bopd)	Updated Flow Estimate in Report (bopd)
April 20 – Day 1	Deepwater Horizon accident	0	0
April 22 – Day 3	Riser falls to ocean floor	62,200	63,800
June 2 – Day 44	Before "kinked" riser cut-off	57,500	59,000
June 3 – Day 45	After "kinked" riser cut-off	60,000	61,200
July 12 – Day 83	Prior to CS installation	55,700	55,600
July 15 – Day 86	Flow prior to CS shut-in	52,700	53,000