

# CHILLING FORECAST

## **Flow Rate of Macondo's Ongoing Gush = 68 Million Barrels**

(Pls read this only after studying [Expert's Analysis- THE SECRET THIRD WELL](#) )

Given we now have evidence that proves:

- a) 1 of the 3 Macondo Wells was not capped after the DWH accident and is still gushing oil
- b) multiple fractures on the seabed floor (in the same Macondo vicinity) are also leaking oil – as many as 18 ‘natural seeps and fractures’ reported--from indiscriminant drilling ([CNN I Report](#)) and
- c) Chemical Dispersants are still the primary method used for ‘remediation’ (aka sinking and removing oil from visibility and keeping off shores, but doesn’t clean it up)

### CONSIDER THIS:

- **Fact:** The size of the pipe at the leaking Macondo well was 20”
- **Fact:** A 2 inch pipe has a flow rate of 150 gallons per minute.
- **Fact:** 20 inch pipe flow = 1500 gal per minute = 90,000 gal per hr.
- **Fact:** = Total flow per day from 20” pipe = 2,160,000 gal per DAY.
- **Fact:** 1 barrel of oil = 42 gal. This means 51,428 barrels per day as a conservative estimate came from the BP well which aligns with numerous scientific estimates. See Links at: [Purdue University Research Site-Dr. Steve Wereley's presentation, "Analyzing Disaster"](#)
- **Fact:** After the 2<sup>nd</sup> explosion on 22 April, there was no well head or pipe, only an open crater gushing oil
- **Fact:** Oil flow estimates were on the low side and deliberately hidden from the public at the behest of the White House according to [information released](#) by Public Employees for Environmental Responsibility (PEER)

### FURTHER...

Some estimates indicate that the uncapped flow and pressure conditions will amount to oil leaking for the next 25 years. But let’s be ‘reasonable’ and say that:

- a) The Macondo well has been leaking since 22 April 2010
- b) 2 year mark will hit on 22 Apr 2012 = 68 million barrels released
- c) Macondo Reservoir contains an estimated 1 billion barrels and is located on a fault line with complicated geohazard conditions.
- d) If left unhandled for even five years = 170 million barrels of pollution.
- e) What quantities of Corexit have been used to date has not been reported, however product instructions indicate deep water usage to be at a ratio of 1 gallon of dispersant to 10-50 gallons of oil=
- f) 57 million gallons of highly toxic Corexit released as of 22 Apr 2012

The Public have been told that no science exists to know the environmental impact of the huge quantities of Corexit dispersants and millions of gallons of oil still being released into the environment daily.

### **SOLUTIONS IGNORED:**

During the Gulf crisis, the EPA encountered US public protests on the use of toxic dispersants for oil spill response citing scientific evidence of their adverse effects. This brought pressure to bear on the EPA to get BP to use another, less toxic method of cleanup. The EPA's answer to these demands was to place demands on BP to select a less toxic chemical dispersant (not less toxic method), knowing full well that BP could not comply with the order: because of the monopoly that the EPA has fostered for Exxon's product, Corexit, over the past 23 years, none of the other even slightly less toxic chemical dispersants on the EPA's National Contingency Plan for oil spill clean up had been produced and stocked in sufficient quantities to handle this size of a disaster. Unbeknownst to the public, the second version of Corexit (9500) which was chosen in response to the EPA's demands is, by itself, slightly less toxic than the original Corexit (9527A); however, once combine with the oil, the resulting compound is even more toxic than the resulting compound of the oil and Corexit 9527A. The damages caused by the use of Corexit dispersant will now be one of the subjects examined during the [federal trial](#) against the companies involved in the Deepwater Horizon spill scheduled to begin on [Feb 27<sup>th</sup>](#) in New Orleans.

Unfortunately, while dispersants are a good answer for oil companies, they have proven to be injurious to the entire eco system and human beings exposed to the chemicals. But oddly, out of more than 200 clean up products screened and listed on the EPA's Oil Spill National Contingency Plan since 1989, (many have come and gone off the NCP list since 1989) – only one effective non-toxic cleanup product fitting all stringent criteria has prevailed—[OSE II](#), a bioremediation product successfully used worldwide to clean up more than 18,000 oil spills. The question remains: given the undisputed harmful effects of the dispersant Corexit® which are clearly stated on its official Material Safety Data Sheets where it specifically warns the user “Do Not Contaminate Surface Waters”, why is it then the only product the EPA has given carte blanche pre-approval to for use on oil spill emergency response and at the same time denied the use of OSE II and other non-toxic

products? The OSEI Corporation has battled with the EPA to obtain [pre approval](#)<sup>i</sup> for its product, which would allow responsible parties to stockpile the product in the eventuality of an oil spill knowing that they could immediately use it rather than request authorization from the EPA with no certainty that it would be authorized by a capricious EPA on a time by time basis.

With OSE II having already gone through all the necessary testing to be on the EPA's emergency response plan, and a long track record of extremely successful spill cleanups, one wonders why formal requests to use it to clean up the Gulf from Governor Jindal, 3 state Senators, several Congressmen and other state officials of Louisiana, Mississippi, and Alabama, have repeatedly been denied by the EPA. This, despite it being used globally, protecting the environment, and reducing clean up costs for oil companies and responsible parties.

But that is a separate story. The important point to be made here is that there are solutions for rescuing the Gulf which, given the above forecast, should be urgently applied!

#### References:

- [EPA Flow Estimates](#)
- [Report: White House Pressured Scientists to Underestimate BP Spill Size](#)
- **Article: [THE SECRET THIRD WELL](#)**
- [Compilation of Multiple Sources](#) for flow rate and longevity.

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<sup>i</sup> Without preapproval, no product can be produced in enough quantities and placed in staging areas for deployment as an oil spill emergency response—this in effect prevents any other remedy from being used during a spill crisis except the dispersant Corexit (invented by Exxon and distributed by Nalco Holding Company, which is predominantly owned and staged by the major oil companies.)