

Fire Fighting Foam

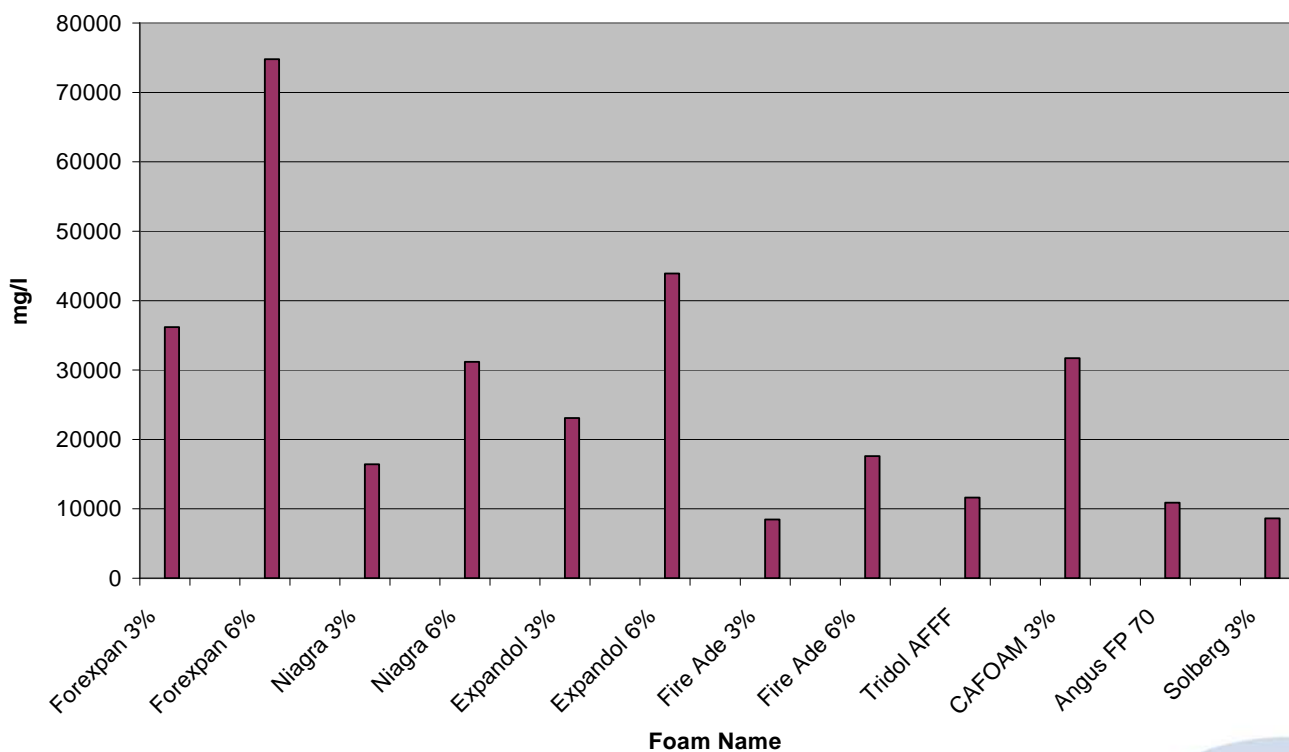
Environmental Performance

19th November 2012

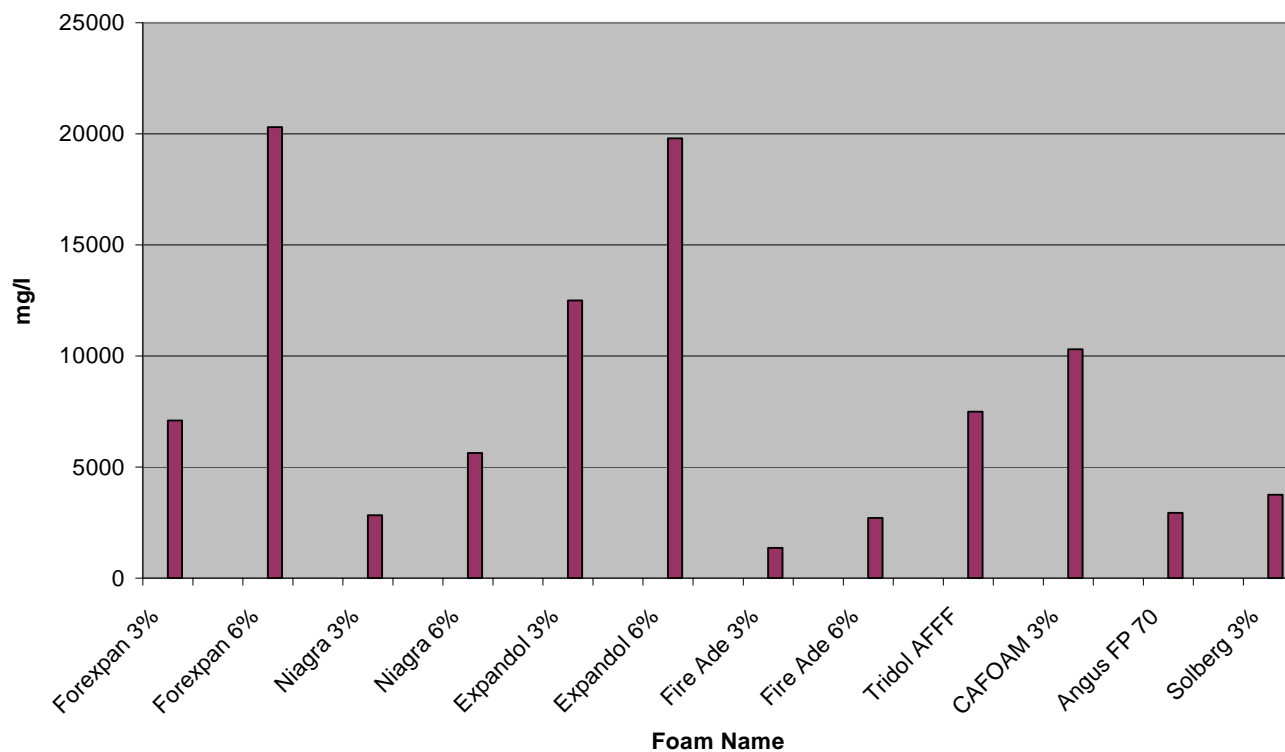
This document shows the results of recent tests of several commercially available fire fighting foams. The testing was undertaken by the Environment Agency's UKAS accredited laboratory and each foam was analysed to determine the level of Biological Oxygen Demand (BOD) Chemical Oxygen Demand (COD) and anionic detergents. All results are given in mg/l. Unless otherwise stated, all concentrations are at 3%

This document is intended only to indicate the level of environmental emergency response required should any of the foams enter the environment. The testing does not consider any performance in respect of fire fighting effectiveness, nor is it intended to influence foam selection.

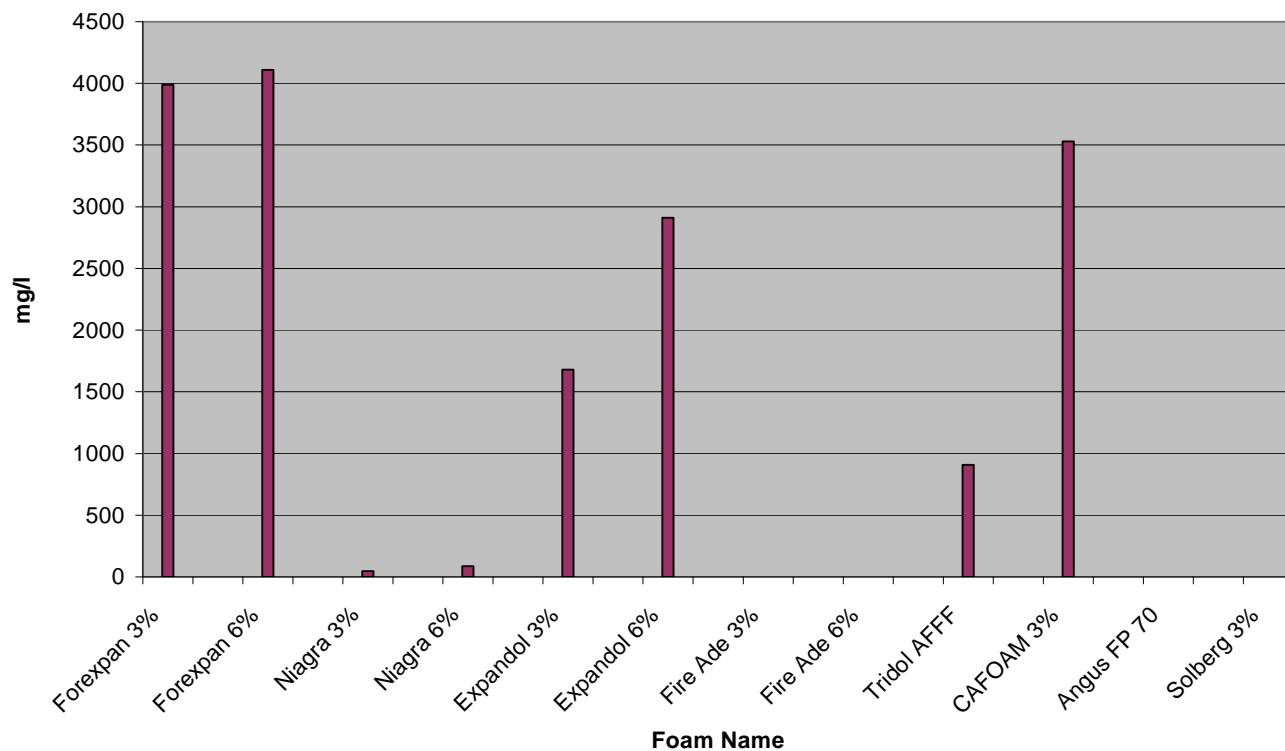
COD mg/l



BOD mg/l



Anionic Dtergents



Results Table

FOAM	Anionic Detergents mg/l	BOD mg/l	COD mg/l
Forexpan 3%	3990	7090	36200
Forexpan 6%	4110	20300	74800
Niagra 3%	45.6	2830	16400
Niagra 6%	87.8	5630	31200
Expandol 3%	1680	12500	23100
Expandol 6%	2910	19800	43900
Fire Ade 3%	<.05	1360	8440
Fire Ade 6%	<.05	2700	17600
Tridol AFFF	908	7490	11600
CAFOAM 3%	3530	10300	31700
Angus FP 70	0.5	2940	10900
Solberg 3%	0.5	3750	8630