



November 15, 2013

Erica Bergman  
NJDEP - Bureau of Case Management  
401 E. State Street - Mail Code 401-05  
P.O. Box 420  
Trenton, NJ 08625-0420

Re: Perfluorocarbon Compound Usage  
Solvay West Deptford Plant  
10 Leonard Lane  
West Deptford, New Jersey 08096

Dear Ms. Bergman:

As the Licensed Site Remediation Professional (LSRP) retained by Solvay Specialty Polymers, I have reviewed the attached Perfluorocarbon Usage spreadsheet (Spreadsheet) for the Solvay West Deptford Plant and I am submitting it on behalf of Solvay Specialty Polymers. Enclosed are three copies of the Spreadsheet for you internal distribution. Please feel free to contact Mitch Gertz with any questions.

Sincerely,

A handwritten signature in blue ink that reads "Thomas R. Bugey".

Thomas R. Bugey, LSRP #580659  
Principal Hydrogeologist

Cc: Mitch Gertz – Solvay  
Phil Goodrum – Integral  
Nidal Azzam – USEPA (via email)

## West Deptford Plant PFC Usage and Emissions

Year <sup>a</sup>	Surflon Used <sup>b</sup> (kg)	Surflon Emissions <sup>c</sup> (kg)					NaPFO Used (kg)	NaPFO Emissions <sup>c</sup> (kg)			
		Air <sup>d</sup>	Water <sup>d</sup>	Landfill <sup>e</sup>	Products <sup>d</sup>	Destroyed <sup>f</sup>		Air <sup>d</sup>	Water <sup>d</sup>	Landfill <sup>e</sup>	Products <sup>f</sup>
1991	4,375	1,171	2,624	88	493	0	0	0	0	0	0
1992	3,714	994	2,227	74	418	0	0	0	0	0	0
1993	3,292	881	1,974	66	371	0	0	0	0	0	0
1994	3,940	1,054	2,363	79	444	0	0	0	0	0	0
1995	5,228	1,399	3,135	105	589	0	0	0	0	0	0
1996	5,832	1,561	3,498	117	657	0	429	34	382	9	4
1997	9,098	2,435	5,456	182	1,025	0	1,773	142	1,578	35	18
1998	7,952	2,128	4,769	159	896	0	525	42	467	11	5
1999	6,683	1,788	4,008	134	753	0	2,169	174	1,930	43	22
2000	7,100	1,900	4,258	142	800	0	2,747	220	2,445	55	27
2001	7,953	2,128	4,770	159	896	0	1,547	124	1,377	31	15
2002	7,549	2,020	4,527	151	851	0	878	70	781	18	9
2003	8,226	2,201	4,933	165	927	0	496	40	441	10	5
2004	8,659	2,317	5,193	173	976	0	0	0	0	0	0
2005	6,946	1,859	4,166	139	783	0	0	0	0	0	0
2006	7,081	1,895	4,247	142	798	0	0	0	0	0	0
2007	8,467	2,266	5,078	169	954	0	0	0	0	0	0
2008	6,341	1,697	3,803	127	714	0	0	0	0	0	0
2009	6,462	1,729	3,596	130	727	280	0	0	0	0	0
2010	171	46	106	3	16	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0

## Notes:

NaPFO = sodium perfluorooctanoate

<sup>a</sup> Data prior to 1991 during Pennwalt/AtoChem ownership are not available in Solvay Specialty Polymers records.<sup>b</sup> Usage data are estimated from production and accounting records.<sup>c</sup> Emissions data are estimated using engineering calculations.<sup>d</sup> Estimated from analyses of process samples and mass balance equations.<sup>e</sup> Estimated based on historical patterns of solid waste generation rather than analysis of samples.<sup>f</sup> Estimated from quantity of liquid waste collected for incineration.