

Summary of Tritium Detected in Groundwater Monitoring Wells
Third Quarter of 2014
Pilgrim Nuclear Power Station
Plymouth, MA

Sample Collection Date	Reported By	Tritium Concentration (pCi/L)																								
		MW-201	MW-202	MW-202I**	MW-203	MW-204	MW-205**	MW-206**	MW-207**	MW-208S**	MW-208I**	MW-209**	MW-210**	MW-211**	MW-212**	MW-213**	MW-214**	MW-215**	MW-216**	MW-217**	MW-218**	MW-219**	MW-3	MW4	MW4R	
July 7, 2014	Entergy	NDA<361					NDA<409	NDA<364				873		1,040				1,110	4,320		2,650	735				
	MDPH/MERL	NDA<300					NDA<300	NDA<300				681		1,085				818	3,585		2,090	793				
July 14, 2014	Entergy						NDA<416					878		1,120					5,910		2,220	5,650				
	MDPH/MERL						NDA<300					780		1,032					4,909		1,997	4,721				
July 21, 2014	Entergy	NDA<390					NDA<387	NDA<395				606		1,150				772	1,990		1,920	3,030				
	MDPH/MERL	NDA<300					NDA<300	NDA<300				411		586				324	996		1,683	3,104				
July 28, 2014	Entergy						NDA<387					720		1,010					4,910		1,670	2,720				
	MDPH/MERL						NDA<300					458		652					5,191		2,064	3,352				
August 4, 2014	Entergy	NDA<381					NDA<392	NDA<377				952		1,120				917	2,230		2,360	5,020				
	MDPH/MERL	NDA<300					NDA<300	NDA<300				662		982				819	2,017		1,801	4,484				
August 11, 2014	Entergy						NDA<381					1,050		1,090					5,120		1,980	2,120				
	MDPH/MERL						NDA<300					914		1,273					4,709		1,943	2,039				
August 18, 2014	Entergy	NDA<379					NDA<359	NDA<376				1,000		1,150				839	4,110		2,020	2,440				
	MDPH/MERL	302					NDA<300	NDA<300				990		1,229				1,083	3,739		2,002	2,287				
August 25, 2014	Entergy	NDA<398	NDA<380	NDA<405		NDA<383	NDA<389	NDA<387	NDA<365	NDA<364	NDA<375	987	NDA<371	870	527	NDA<372	NDA<365	667	3,680	NDA<365	2,050	2,150	NDA<370		542	
	MDPH/MERL	NDA<300	345	NDA<300		417	NDA<300	NDA<300	387	NDA<300	NDA<300	986	532	1,133	704	304	NDA<300	986	4,012	366	2,221	2,253	NDA<300		589	
September 2, 2014	Entergy						NDA<398					922		856					2,770		2,120	1,660				
	MDPH/MERL						NDA<300					892		1,136					2,992		1,987	1,802				
September 8, 2014	Entergy	NDA<389					NDA<396	NDA<387				1,150		1,200				1,140	5,450		2,140	1,750				
	MDPH/MERL	NDA<300					NDA<300	408				1,072		1,344				808	5,271		2,057	1,453				
September 15, 2014	Entergy						NDA<431					1,180		1,320					4,740		2,110	1,670				
	MDPH/MERL						NDA<300					1,186		1,093					4,418		1,781	1,287				
September 22, 2014	Entergy	NDA<396					NDA<383	NDA<365				1,610		940				833	3,090		2,090	1,210				
	MDPH/MERL	NDA<300					NDA<300	NDA<300				1,080		1,102				891	3,465		2,055	1,423				
September 29, 2014	Entergy						NDA<417					1,310		1,360					5,430		2,300	1,350				
	MDPH/MERL						NDA<300					1,116		1,046					5,399		2,346	1,064				

Notes:

* Entergy samples collected and analyzed by Entergy contract laboratory; MDPH split samples received from Entergy and analyzed by MDPH/RCP Massachusetts Environmental Radiation Laboratory (MERL)
** Groundwater Monitoring Wells MW-202I, MW-205, MW-206, MW-207, MW-208S, and MW-208I were installed in Spring 2010; MW-209, MW-210, MW-211, MW-212, MW-213, and MW-214 were installed Summer 2010; MW-215 and MW217 were installed in late Autumn 2011; MW-216 was installed in late Summer 2012; MW4R, MW218 and MW219 were installed in late Autumn 2013.
*** Results pending
NDA< = Not detected at less than activity value listed
N.A. = Not analyzed
N.S. = Not sampled