

Summary of Tritium Detected in Groundwater Monitoring Wells\* Pilgrim Nuclear Power Station, Plymouth, MA All Results Reported in picocuries per liter (pCi/L)

Sample Collection Date	Reported By											
		MW-201	MW-202	MW-202I**	MW-203	MW-204	MW-205**	MW-206**	MW-207**	MW-208S**	MW-208I**	MW-209**
September 30, 2013 (samples taken in October)	Entergy											813
	MDPH/MERL											620
October 7, 2013	Entergy	NDA < 351					NDA < 354	NDA < 349				1,020
	MDPH/MERL	412					551	409				894
October 14, 2013	Entergy											895
	MDPH/MERL											735
October 21, 2013	Entergy	NDA < 388					599	NDA < 417				818
	MDPH/MERL	NDA < 300					804	314				760
October 28, 2013	Entergy	NDA < 379	NDA < 372	833	Abandoned	NDA < 369	432	NDA < 379	NDA < 366	NDA < 375	NDA < 373	711
	MDPH/MERL	NDA < 300	506	989	Abandoned	527	549	NDA < 300	674	NDA < 300	315	873
November 4, 2013	Entergy	NDA < 353					578	552				1,050
	MDPH/MERL	375					599	786				1,003
November 11, 2013 No Samples Taken Due to Transducer Study	Entergy											
	MDPH/MERL											
November 18, 2013	Entergy	NDA < 364					700	1,670				920
	MDPH/MERL	440					530	1,479				1,140
November 25, 2013	Entergy											1,260
	MDPH/MERL											1,093
December 2, 2013	Entergy	NDA < 417					669	908				1,370
	MDPH/MERL	536					530	946				1,154
December 9, 2013	Entergy											1,120
	MDPH/MERL											965
December 16, 2013	Entergy	NDA < 372					496	799				1,340
	MDPH/MERL	394					379	1,043				1,233
December 23, 2013	Entergy											1,180
	MDPH/MERL											2,017
December 30, 2013	Entergy	NDA < 357					NDA < 360	683				1,220
	MDPH/MERL	NDA < 300					NDA < 300	852				1,059

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;  
\*\*\* Results pending  
NDA< = Not detected at less than activity value listed  
N.A. = Not analyzed  
N.S. = Not sampled

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Tritium Concentration (pCi/L)												
MW-210**	MW-211**	MW-212**	MW-213**	MW-214**	MW-215**	MW-216**	MW-217**	MW-218**	MW-219**	MW-3	MW4	MW4R**
	900					6,460						
	820					5,917						
	1,170				1,010	5,820						
	1,272				1,258	5,609						
	1,060					5,430						
	1,028					5,667						
	1,180				809	4,960						
	1,085				1,070	5,130						
428	937	NDA < 373	NDA < 367	NDA < 372	861	3,850	325			NDA < 358	460	
474	995	432	NDA < 300	NDA < 300	1,024	4,656	NDA < 300			NDA < 300	NDA < 300	
	944				1,170	7,800					Abandoned	
	1,196				1,088	8,927						
	1,070				1,260	8,700		4,590				564
	1,286				1,338	8,602		4,887				606
	1,010					3,920		5,810				616
	1,237					4,511		5,831				470
	1,580				1,450	6,140		4,220				724
	1,222				1,212	6,832		5,045				892
	1,250					4,680		3,950	2,120			555
	1,207					5,162		3,823	N/A			525
	1,190				1,050	5,250		3,070	8,480			496
	1,128				1,199	5,737		3,879	10,499			396
	1,130					5,350		3,650	7,600			451
	2,204					4,925		3,545	6,580			493
	1,080				969	4,760		2,630	69,000			543
	1,286				1,157	5,595		3,292	70,599			483

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.