

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	Tritium Concentration (pCi/L)																							
		MW-201	MW-202	MW-2021**	MW-203	MW-204	MW-205**	MW-206**	MW-207**	MW-208S**	MW-2081**	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
April 7, 2014	Entergy	NDA < 327					665	435				789		1,320				1,010	1,230		1,600	1,720			
	MDPH/MERL	367					884	636				734		1,251				1,484	1,484		1,814	1,738			
April 14, 2015							656					626		761					1,840		1,518	1,418			
	MDPH/MERL						NDA < 300					417		724					1,840		1,439	1,530			
April 21, 2014	Entergy	NDA < 339					645	355				724		1,070				973	1,750		1,530	3,910			
	MDPH/MERL	NDA < 300					NDA < 300	NDA < 300				389		716				609	1,268		1,091	3,894			
April 28, 2014	Entergy						745					629		1,020					2,400		1,250	5,670			
	MDPH/MERL						477					585		930					2,085		1,565	6,274			
May 5, 2014	Entergy	NDA < 966					504	NDA < 369				527		616				835	1,490		1,440	5,730			
	MDPH/MERL	NDA < 300					NDA < 300	NDA < 300				508		864				837	1,571		1,180	6,107			
May 12, 2014	Entergy	NDA < 370	NDA < 373	501		NDA < 369	1,520	NDA < 375	NDA < 376	NDA < 374	NDA < 377	646	NDA < 374	1,050	414	NDA < 377	NDA < 369	824	1,170	NDA < 362	1,280	13,500			NDA < 373
	MDPH/MERL	NDA < 300	NDA < 300	510		378	1,565	NDA < 300	NDA < 300	NDA < 300	NDA < 300	474	NDA < 300	1,077	832	367	NDA < 300	1,122	1,219	370	1,594	17,158			542
May 19, 2014	Entergy						951					727		1,070					1,940		1,070	9,200	NDA < 358		
	MDPH/MERL						474					NDA < 300		652					1,441		982	10,705	NDA < 300		
May 26, 2014	Entergy						489	NDA < 352				380		892				896	2,630		1,210	13,400			
	MDPH/MERL						316	NDA < 300				495		694				862	2,533		994	14,548			
June 2, 2014	Entergy	NDA < 360					602					697		852					1,680		1,120	14,400			
	MDPH/MERL	NDA < 300					NDA < 300					369		935					1,766		962	15,762			
June 9, 2014	Entergy	NDA<357					1,510	NDA<359				754		899				743	1,400		1,280	12,300			
	MDPH/MERL	NDA<300					1,426	NDA<300				NDA<300		725				645	1,801		1,107	13,467			
June 16, 2014	Entergy						382					522		924					5,970		1,320	5,210			
	MDPH/MERL						467					462		595					4,903		1,049	4,716			
June 23, 2014	Entergy	NDA<339					426	NDA<339				477		966				715	4,790		1,170	9,450			
	MDPH/MERL	NDA<300					515	NDA<300				541		925				935	4,141		1,437	7,719			
June 30, 2014	Entergy						451					786		795					3,380		1,950	9,360			
	MDPH/MERL						NDA<300					NDA<300		544					3,041		1,651	7,908			

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-201, 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