

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-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-3	MW4
July 7, 2010	Entergy	718	553	471	447	759	25,552	3,352	488	NDA<402	NDA<402							NDA<402	568
	MDPH/MERL	805	591	501	482	836	24,531	2,542	585	348	540							397	622
July 15, 2010	Entergy		589	425			6,870												
	MDPH/MERL		468	424			6,606												
July 22, 2010	Entergy	731	390	473			12,600	1,520											
	MDPH/MERL	869	490	368			11,536	1,474											
July 26, 2010	Entergy	932	580	408			10,800	2,030											
	MDPH/MERL	745	434	435			9,595	1,187											
August 2, 2010	Entergy	576	579	NDA<460	NDA<465	794	17,800	1,380	512	NDA<477	NDA<457							NDA<460	504
	MDPH/MERL	880	533	396	356	669	16,684	1,200	419	NDA<300	NDA<300							NDA<300	542
August 9, 2010	Entergy	961	349	390	480	578	12,700	4,550	394	381	NDA<315							NDA<313	491
	MDPH/MERL	862	419	389	372	576	12,065	3,405	NDA<300	NDA<300	NDA<300							NDA<300	541
August 17, 2010	Entergy	1,090	371	NDA<322			7,840	5,370											
	MDPH/MERL	1,082	439	391	461	602	7,228	3,264	395	NDA<300	330							NDA<300	566
August 26/27, 2010	Entergy	873	364	485	423	383	7,960	10,500	453	NDA<303	NDA<348	2,940	1,280	1,540	514	NDA<346	NDA<345	NDA<345	557
	MDPH/MERL	973				559	7,526	10,696				2,775	1,213	1,377	524	305	NDA<300		550
August 30/31, 2010	Entergy	974	NDA<364	NDA<364			1,390	2,790				1,780	NDA<362	1,340	385	NDA<361	NDA<364		
	MDPH/MERL	1,294				607	1,785	2,707				1,934	385	1,597	570	346	NDA<300		674
September 7/8, 2010	Entergy	1,200	352	417	375	455	3,010	3,190	329	NDA<295	NDA<304	1,560	589	1,570	655	341	NDA<297	NDA<331	662
	MDPH/MERL	1,492	513	407	356	654	3,070	4,551	342	NDA<300	334	1,774	581	1,503	613	376	NDA<300	NDA<300	672
September 13/14, 2010	Entergy	1,510	461	652	NDA<380	415	1,840	6,830	NDA<379	NDA<376	NDA<378	1,590	641	1,730	618	NDA<378	NDA<380	NDA<377	398
	MDPH/MERL	1,338	391	382	NDA<300	573	1,707	6,359	494	NDA<300	NDA<300	1,785	380	1,589	539	348	NDA<300	NDA<300	683
September 20, 2010	Entergy	1,340	NDA<314	341	NDA<394	NDA<394	22,000	8,290	NDA<394	NDA<390	NDA<394	1,390	1,020	1,200	462	NDA<420	NDA<396	NDA<395	493
	MDPH/MERL	1,431	362	317	NDA<300	474	24,713	8,122	364	NDA<300	NDA<300	1,734	927	1,422	478	331	NDA<300	NDA<300	518
September 27/28, 2010	Entergy	958	400	522	NDA<364	596	25,000	5,040	519	NDA<312	413	1,760	816	1,090	513	438	NDA<313	400	645
	MDPH/MERL	943	433	368	NDA<300	554	27,142	4,708	443	NDA<300	NDA<300	1,819	1,435	1,453	509	336	NDA<300	NDA<300	616

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; Groundwater Monitoring Wells 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