

Summary of Tritium Detected in Groundwater Monitoring Wells
July-December 2017
Pilgrim Nuclear Power Station Plymouth MA

Sample collected week of	Reported by ¹	Tritium concentration p(Ci/L)																						
		MW-201	MW-202S	MW-202I	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-220	MW-3	MW-4 R
7/19/2017	ENTERGY/GEL	.	.		.		<272					646					1030	1240		1910	1,313			
	MDPH/MERL						<300					474					982			2,237	1,331			
8/11/2017	ENTERGY/GEL	.	.		.		<288										1,040	1,290		2,600				
	MDPH/MERL						<300										1,011	1,478		2,443				
8/28/2017	ENTERGY/GEL	289	432	<289	400	432	<332	<335	<291	<291	698	736	1,710	435	<291	<330	1,160	2,990		2,930	3,210	402	<291	<330
	MDPH/MERL	333	551	<300	<300	<300	<300	<300	<300	<300	571	483	1,529	574	<300	<300	966	2,939	460	2,463	3,159	<300	<300	<300
9/21/2017	ENTERGY/GEL	.	.		.		699										1,290	3,860		2,700				
	MDPH/MERL						609										995	3,796		2,388				
10/10/2017	ENTERGY/GEL																							
	MDPH/MERL						<300										916	2,190		2,374				
10/30/2017	ENTERGY/GEL	316	525	<277	318	719	<290	<277	<275	<278	731	952	1,740	688	389	<278	1,410	2,850		2,470	1,750	1,130		<276
	MDPH/MERL	<300	375.1	<300	<300	588	<300	<300	<300	<300	767	665	1,613	527	<300	<300	974	2,747	496	2,169	2,245	973		<300
11/9/2017	ENTERGY/GEL																						<275	
	MDPH/MERL																						<300	
11/20/2017	ENTERGY/GEL	.	.		.		<259										1,010	2,090		1,990	6,030			
	MDPH/MERL						<300										970	1,649		2,172	5,396			
12/11/2017	ENTERGY/GEL	.	.		.		<279						1,490				NDA	1,715		NDA	3,900			
	MDPH/MERL						<300						1,780				1,025	1,691		2,169	3,332			
12/20/2017	ENTERGY/GEL																876			2,140	5,840	1,040		
	MDPH/MERL																980			2,300	5,315	1,147		

analysis by

"<" Results are less than the detection limit shown. MERL's lower detection limit is 300 p(Ci/L).

"NDA" - two samples on 12/11/2018 were lost in shipment and are not reported.