

Summary of Tritium Detected in Groundwater Monitoring Wells
January-June 2018
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	
1/1/2018	ENTERGY/GEL						<333										802	1670		2170	2,210	1,130			
	MDPH/MERL						334										1,144	1,480		2,066	3,674	1,146			
1/15/2018	ENTERGY/GEL																				2,260				
	MDPH/MERL																				2,376				
1/22/2018	ENTERGY/GEL						408										1,090	1,230		2,200	1,060	633			
	MDPH/MERL						694										1,142	1,522		2,283	967	724			
1/29/2018	ENTERGY/GEL																				4,410				
	MDPH/MERL																				4,590				
2/12/2018	ENTERGY/GEL						375										1,210	1,210		2,090	1,110	<276			
	MDPH/MERL						<300										952	1,231		2,126	843	<300			
3/5/2018	ENTERGY/GEL						1,570										976	1,460		1,710	747	367			
	MDPH/MERL						1,651										1,041	1,670		1,797	750	500			
3/26/2018	ENTERGY/GEL	<295	314	<290	470	<292	<294	385	<290	<288	631	478	1,540	790	431		909	575	791	1,170	3,680	<290	<300	<295	
	MDPH/MERL	<300	<300	381	<300	<300	<300	352	<300	<300	481	309	1,538	631	<300		982	584	686	1,193	4,513	<300	<300	<300	
4/2/2018	ENTERGY/GEL															<294									
	MDPH/MERL															<300									
4/16/2018	ENTERGY/GEL						<314										1,070	601		1,270	1,320				
	MDPH/MERL						<300										903	492		1,115	793				
4/30/2018	ENTERGY/GEL						<290										982	699		1,080	5,560				
	MDPH/MERL						<300										884	724		1,249	4,978				
5/28/2018	ENTERGY/GEL						<326										979	1,670		1,270	12,200				
	MDPH/MERL						<300										990	1,514		1,140	11,638				
6/4/2018	ENTERGY/GEL																				4,950				
	MDPH/MERL																				6,489		<300		
6/11/2018	ENTERGY/GEL																				14,500				
	MDPH/MERL																				15,816				
6/18/2018	ENTERGY/GEL												2,150	664						1,320	19,000	<339			
	MDPH/MERL						<300						2,320	1,008				1,818		1,103	18,125	489			
6/25/2018	ENTERGY/GEL		<333	879		<337						<334			<336						18,200			<327	
	MDPH/MERL ²		<300	905		<300						<300			<300									<300	
6/26/2018	ENTERGY/GEL							<317			<319						<316		712		19,200				
	MDPH/MERL							426			<300						<300		493		18,755				
6/27/2018	ENTERGY/GEL	<319			458					<319	<319					<316					17,700				
	MDPH/MERL	<300			405					<300	<300					<300					16,716				

1. Sample analysis by PNPS by Teledyne/GEL and for MDPH analysis is by the Massachusetts Environmental Radiation Laboratory (MERL).

2. Split sample for MW219 not available for analysis

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

* Unless otherwise noted