

Summary of Tritium Detected in Groundwater Monitoring Wells
July-December 2019
Pilgrim Nuclear Power Station Plymouth MA

Sample collected week of	Reported by ¹	Tritium concentration (pCi/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	
7/1/2019	HOLTEC-TEL										2520		1010				715	4120			672	729			
	MDPH-MERL										2157		845				945	3813			716	732			
7/22/2019	HOLTEC-TEL										1640		824				820	5280			<318				
	MDPH-MERL										1790		963				763	4528			<300				
8/12/2019	HOLTEC-TEL										1940							4510			<294				
	MDPH-MERL										1759							4075			<300				
9/2/2019	HOLTEC-TEL																						<307		
	MDPH-MERL																						<300		
9/9/2019	HOLTEC-TEL										1330			531				2720			<295	578			
	MDPH-MERL										1326			410				2945			404	650			
9/16/2019	HOLTEC-TEL	<303	<302	<303	458	<301	<296	<296	<301	<294		<301	928		<301	<296	883		<297	1110				<292	
	MDPH-MERL	<300	<300	<300	348	<300	<300	<300	<300	<300		<300	889		<300	<300	808		310	1190				<300	
10/7/2019	HOLTEC-TEL										860							3780			373				
	MDPH-MERL										839							3127			<300				
11/11/2019	HOLTEC-TEL										595							3560			385				
	MDPH-MERL										703							3588			468				
12/2/2019	HOLTEC-TEL				416			338	<299	<297	404		1030	424		<300	901		311	1210	<302	<303	<297	<305	
	MDPH-MERL				327			<300	<300	<300	<300		950	454		<300	807		456	1118	<300	<300	<300	<300	
12/9/2019	HOLTEC-TEL	<294	<301	318		<302	<297					<302			<296			2480							
	MDPH-MERL	<300	<300	312		<300	<300					<300			<300			2340							

1. Sample analysis for Holtec by Teledyne and for MDPH analysis is by the Massachusetts Environmental Radiation Laboratory (MERL).
"<" Results are less than the detection limit shown. MERL's lower detection limit is 300 p(Ci/L).