

Summary of Tritium Detected in Groundwater Monitoring Wells
July-December 2020
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	
7/6/2020	HOLTEC-TEL										<263							2,050			<270				
	MDPH-MERL										403							2,491			<300				
8/3/2020	HOLTEC-TEL										487			<331				3,150			<332	400	<331		
	MDPH-MERL										465			402				2,903			340	501	<300		
8/10/2020	HOLTEC-TEL	378	<327	<328	<335	913	<333	<324				<340	686		<340	<331	594		<319	907				<321	
	MDPH-MERL	<300	<300	<300	<300	891	<300	<300				<300	609		356	<300	548		<300	788				<300	
8/31/2020	HOLTEC-TEL								<335	<330	408							2,930			<333				
	MDPH-MERL								<300	<300	426							2,608			326				
10/5/2020	HOLTEC-TEL										566							2,130			383				
	MDPH-MERL										452							2,110			399				
11/2/2020	HOLTEC-TEL																						<345		
	MDPH-MERL																						<300		
11/9/2020	HOLTEC-TEL	<337	<339	<316	<340	398	<337	<345	<345	<339	619	422	440		<340	<349	648	1,830	<341	782	<343			<349	
	MDPH-MERL	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300		<300	<300	461	1,380	<300	504	<300			<300	
11/16/2020	HOLTEC-TEL													<343								<346			
	MDPH-MERL													<300								<300			
12/7/2020	HOLTEC-TEL										467							1,420			356				
	MDPH-MERL										329							1,089			<300				

1. Sample analysis for Holtec is by Teledyne and for MDPH 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).