

Summary of Tritium Detected in Groundwater Monitoring Wells
January-June 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	
12/31/2018	ENTERGY/TEL												1,100								645				
	MDPH/MERL												962								584				
1/7/2019	ENTERGY/TEL												889								991				
	MDPH/MERL												904								958				
1/14/2019	ENTERGY/TEL												1,210				4,120	1,420		1,180	1,140				
	MDPH/MERL							<314					866				3,952	1,277		996	1,183				
2/4/2019	ENTERGY/TEL							<325					894				2,510	1,550		1,160	834				
	MDPH/MERL							<300					802				2,444	1,541		951	763				
2/25/2019	ENTERGY/TEL												839				2,070				546				
	MDPH/MERL												988				2,080				835				
3/4/2019	ENTERGY/TEL				300						7,560				400							648	<109		
	MDPH/MERL				<300						7,101				<300							551	<300		
3/18/2019	ENTERGY/TEL	463						<321		<328	<267		<338	1,250		<334	<340	1,860	709		1,130	834			< 326
	MDPH/MERL	303						<300		<300	<300		<300	963		<300	<300	1,621	746		995	471			<300
3/25/2019	ENTERGY/TEL		<333	422		487		<336			6,430								<337						
	MDPH/MERL		<300	<300		316		310			6,458								<300						
4/8/2019	ENTERGY/TEL										6,940		823				1,970				368				
	MDPH/MERL										6,735		1,137				1,893				638				
4/29/2019	ENTERGY/TEL										4,810		1,160				1,170				681				
	MDPH/MERL										4,644		1,110				941				713				
5/20/2019	ENTERGY/TEL										3,810		1,280				1,080				825				
	MDPH/MERL										3,806		953				926				644				
6/3/2019	HOLTEC/TEL	<303												696	<302			3,140				747	<297		
	MDPH/MERL	<300												395	<300			2,817				590	<300		
6/10/2019	HOLTEC/TEL		<294	<296	339	823	<293	<300	<299	<293	3,360	<292	748			<299	771		<297	1,020	845			<292	
	MDPH/MERL		<300	<300	413	1,034	<300	599	<300	<300	3,548	<300	771			<300	610		355	1,069	716			<300	

1. Sample analysis for Entergy/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).