

Summary of Tritium Detected in Groundwater Monitoring Wells
January-June 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	
1/6/2020	HOLTEC-TEL										<301							728			441				
	MDPH-MERL										471							848			433				
2/3/2020	HOLTEC-TEL										438							1,910			<298				
	MDPH-MERL										324							1,835			<300				
2/24/2020	HOLTEC-TEL		<343	<343		<345	<345		<347	<346					<344	<342			<344					<346	
	MDPH-MERL		<300	337		<300	<300		<300	<300					<300	<300			436					<300	
3/2/2020	HOLTEC-TEL	<342			<343			<347			495	<340	712	<345			901	3,010		722	<339	477	<343		
	MDPH-MERL	<300			<300			<300			418	<300	681	304			738	2,639		751	308	<300	<300		
4/6/2020	HOLTEC-TEL										554							3,700			<293				
	MDPH-MERL										439							3,631			<300				
5/4/2020	HOLTEC-TEL										407							1,700			<279				
	MDPH-MERL										412							1,541			371				
5/18/2020	HOLTEC-TEL	382	<320	<323			<333	<327	<326	<323					<324	<324			<325					<322	
	MDPH-MERL	392	<300	<300			<300	306	312	<300					<300	<300			371					<300	
6/1/2020	HOLTEC-TEL																						<265		
	MDPH-MERL																						<300		
6/8/2020	HOLTEC-TEL				341	<270					410	<257	507	<261			618	1,550		723	<266	432			
	MDPH-MERL				304	319					<300	<300	495	<300			780	1,460		561	<300	495			

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).