

**APPENDIX A-2: SAMPLE FORM FOR ANNUAL STP INSPECTION CHECKLIST – Page 1**

Go to [www.pei.org/RP900](http://www.pei.org/RP900) for an electronic version of this form.

ID#:		ANNUAL STP INSPECTION CHECKLIST				Date:			
Category	Description	PEI/RP900	N/A	Tank 1	Tank 2	Tank 3	Tank 4		
<b>Submersible Turbine Pump (STP)</b>									
All STP	Visible piping and fittings show no signs of leaking	7.6.1							
	Piping in good condition	7.6.2							
	Excessive corrosion not present	7.6.3							
	Sump free of trash and debris	7.6.5							
	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	7.6.8							
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	7.6.9							
	Mechanical line leak detector properly vented, vent tube not kinked or twisted, vent tube fittings intact and tightened	7.6.10							
	Mechanical line leak detector passes 3.0 gallons per hour (gph) test	TEST DATE:	7.6.11						
	Electronic line leak detector (ELLD) passes 3.0 gph test	TEST DATE:	7.6.12						
	ELLD passes 0.2 gph test	TEST DATE:	7.6.13						
	ELLD passes 0.1 gph test	TEST DATE:	7.6.14						
	Manhole cover at grade in good condition, does not touch sump cover, all bolts present, handles and lift mechanism in good condition (as applicable)	7.6.24							
STP: No Containment Sump	Submersible pump head, flex connector(s) and other metallic product piping are not in contact with soil or water or are cathodically protected	7.6.17							
STP: In Containment Sump	Any water or product removed and disposed of properly	7.6.4							
	Sump is free of cracks, holes, bulges or other defects	7.6.6							
	Penetration fittings intact and secured	7.6.7							
	Piping interstitial space open to the STP sump (open double-walled piping system only)	7.6.20							
	Piping interstitial space closed to the STP sump (closed double-walled piping system only)	7.6.22							
	Sump lid, gasket and seals present and in good condition	7.6.23							
STP: In Single-Walled Containment Sump	Single-walled sump tested for integrity every 3 years	TEST DATE:	7.6.18						

## APPENDIX A-2: SAMPLE FORM FOR ANNUAL STP INSPECTION CHECKLIST – Page 2

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Category	Description	PEI/RP900	N/A	Tank 1	Tank 2	Tank 3	Tank 4
STP: In Double-Walled Containment Sump	If not continuously monitored or inspected annually, double-walled sump tightness tested every 3 years	7.6.19					
<b>DESCRIBE ANY DEFICIENCIES HERE:</b>							