

2012 Groundwater NES/PPR QA/QC Checklist
Virginia Department of Environmental Quality Division of Land Protection and Revitalization

NES Required Discussion	Discussed?
Was at least one NES well installed downgradient of each exceeding well	
Was at least one NES well installed at the downgradient facility boundary	
Was the plume found to be contained within facility boundaries	
Were sufficient MWs installed to define vert/horz extent of GPS plume	
Were plume maps included in the submission	
If the plume was found off-site, were landowners notified & DEQ copied	
Was an evaluation of the current trends in groundwater quality with respect to GPS included	
Were the chemical aspects (nature) of the exceeding constituent(s) described	
Additional Discussion Topics	
Were all NES wells installed to RCRA standards	
Did the report contain the records of well installation	
Were all applicable constituents sampled for in all NES wells	
Were NES GW elevations obtained to define rate and direction of plume movement	
Were constituent-specific groundwater plume maps included	
Was a vertical plume concentration map included	
Was a horizontal plume concentration map included	
PPR Required Discussion	
Does the site monitor GW in the Subtitle D equivalent program under 250.b?	
Does the site display GW contamination beyond facility boundaries	
Risk Assessment Required Discussion	
Was assessment of risk from exposure to contamination at the facility boundary included	
Was assessment of risk from exposure to contamination at the disposal unit boundary compliance points included	
Remedy Selection Required Discussion	
	NA if not applicable
Reasons why use of an impermeable cap discussed	
Reasons why use of landfill leachate control discussed	
Reasons why use of control of groundwater migration discussed	
Reasons why use of collection and treatment of LFG discussed	
Reasons why use of reduction of saturation of waste mass discussed	
If the plume extends offsite, was the selected presumptive remedy aspect shown to be able to address this contamination	

Public Participation Required Discussion	Discussed?
Was a public meeting held prior to submission of the presumptive remedy	
Was notice of the public meeting run in a local newspaper twice	
Did the notice content meet Regulatory requirements	
Was the draft PPR placed in a location accessible to the public	
Was the public meeting held in accordance with the VSWMR timeframes	
Timeframe Required Discussion	
Anticipated schedule to initiate Presumptive Remedy	
Anticipated schedule to complete remedial activities	
Schedule for evaluating the performance of the remedy	
Proposed content of performance evaluation meets VSWMR requirements	