Issues and Recommendations Identified in the Five-Year Review:				
OU(s): 01	**Issue Category: Remedy Performance**			
	Issue: A pilot study is underway to evaluate the effects of terminating the operation of the groundwater extraction and treatment and molasses injections.			
	Recommendation: Complete the pilot study and submit a report containing recommendations to the Agencies.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
No	Yes	PRP	EPA	5/31/2016
OU(s): 01	**Issue Category: Remedy Performance**			
	Issue: Natural attenuation parameters are not being evaluated in the downgradient monitoring wells.			
	Recommendation: Conduct a full evaluation of the extent of natural attenuation parameters in the downgradient monitoring wells.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
No	Yes	PRP	EPA	5/31/2016
OU(s): 01	**Issue Category: Remedy Performance**			
	Issue: Monitoring results indicate contaminant contributions from the springs into the stream.			
	Recommendation: Include seep, surface water, sediment sampling and sediment scraping in the site management plan.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
No	Yes	PRP	EPA	05/31/2016
OU(s): 01	**Issue Category: Remedy Performance**			
	Issue: Groundwater contaminant concentrations are increasing in landfill perimeter well PW-7, which is upgradient of the seep impacting the North Stream.			
	Recommendation: Evaluate technologies to contain or remediate groundwater contamination in the vicinity of this well.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
No	Yes	PRP	EPA	5/31/2016
OU(s): 01	**Issue Category: Remedy Performance**			

	Issue: A recently-implemented institutional control requiring vapor intrusion sampling if, in the future, buildings are constructed on-site in an area where elevated VOC groundwater contamination is present or if nearby vacate houses are reoccupied is not part of the selected remedy for the site.			
	Recommendation: An institutional control requiring vapor intrusion sampling if, in the future, buildings are constructed on-site where elevated VOC groundwater contamination is present or if nearby vacate houses are reoccupied needs to be incorporated into the remedy via an Explanation of Significant Differences.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	
No	No	EPA	EPA	5/31/2016

OU 01 PROTECTIVENESS STATEMENT

Operable Unit:	*Protectiveness Determination:*	*Addendum Due Date (if applicable):*
01	Short-term Protective	

Protectiveness Statement:

The OU1 remedy protects human health and the environment in the short-term because unacceptable exposure to contaminated media has been interrupted by the implemented the remedial actions and has been completed and has addressed all human health and ecological risks and all institutional controls are in place, preventing unacceptable use of soil and groundwater. In order for the remedy to be protective in the long-term, natural attenuation parameters need to be evaluated to determine if natural attenuation is occurring, the continuing contaminant contributions from the springs into the stream need to be evaluated, North Stream sediment sampling/scraping needs to continue and technologies need to be evaluated to address increasing groundwater contaminant concentrations in the vicinity of landfill perimeter well PW-7.

SITEWIDE PROTECTIVENESS STATEMENT

Protectiveness Determination:	*Addendum Due Date (if applicable):*
Short-term Protective	

Protectiveness Statement:

The sitewide remedy protects human health and the environment in the short-term because unacceptable exposure to contaminated media has been interrupted by the implemented the remedial actions and has been completed and has addressed all human health and ecological risks and all institutional controls are in place, preventing unacceptable use of soil and groundwater. In order for the remedy to be protective in the long-term, natural attenuation parameters need to be evaluated to determine if natural attenuation is occurring, the continuing contaminant contributions from the springs into the stream need to be evaluated, North Stream sediment sampling/scraping needs to continue and technologies need to be evaluated to address increasing groundwater contaminant concentrations in the vicinity of landfill perimeter well PW-7.