

VWP INSPECTION CHECKLIST

Project Name Region 2000 Regional Landfill -Livestock Rd Facility	VWP Permit # 14-1361	Inspection Date 6/18/2019
Inspector Name Shawn Crist	Phone # & Email Address 434-316-4031- shawn.crist@deq.virginia.gov	
Address or lat/long (if no permit no.) 37.279167/-79.149167	Others Present During Inspection Jay Roberts-DEQ, Robert Arthur-Region 2000, William Salomone-DAA, Clarke Gibson-Region 2000	
Project Phase: <input type="checkbox"/> Pre-Construction <input type="checkbox"/> Ongoing Construction <input checked="" type="checkbox"/> Final Stabilization <input type="checkbox"/> Complete <input type="checkbox"/> Other _____	Reason for Inspection: <input checked="" type="checkbox"/> Compliance – Construction / Impacts <input type="checkbox"/> Complaint <input type="checkbox"/> Compensation <input type="checkbox"/> Enforcement Follow-Up	

PERMIT / REGULATORY REQUIREMENT	In Compliance?				Location, Description and Other Notes
	Yes	No	Not Applicable	Not Assessed	
Surface water impacts are limited to the size and locations specified by the permit. No sedimentation impacts and no impacts to upland preservation areas have occurred.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approx. 2.5 inches of rain caused the landfill cap to slide off of the geotextile layer and sediment impacted the adjoining wetland area.
Within 50 feet of authorized activities, all remaining surface waters and mitigation (preservation) areas that are inside the project area are clearly flagged or marked to prevent unpermitted impacts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Authorized temporary impact areas have been restored to original contours, stabilized, and planted or seeded with original wetland vegetation type within 30 days of completing work in each area.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E&S controls consistent with the VAESC Handbook are present and maintained in good working order.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E&S Controls have been repaired.
Exposed slopes/stream banks have been stabilized immediately upon completion of work in each impact area, in accordance with the Virginia ESC Handbook.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The exposed slopes of the landfill are to be stabilized following clay cap installation.
Heavy equipment is placed on mats/ geotextile fabric when working in temporary wetland impact areas. Equipment and materials removed immediately upon completion of work.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Construction activities are not substantially disrupting the movement of aquatic life.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
New instream pipes and culverts on <5% slope have been installed to maintain low flow conditions and are countersunk at both ends as follows: ≤ 24” diameter: countersunk 3” > 24” diameter: countersunk 6” or more. Any variations were approved in advance by DEQ.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Time-of-year restrictions are being adhered to.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For stream channelization or relocation, work in surface waters is being performed in the dry, with all flows diverted until the new channel is stabilized.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water quality monitoring is being conducted during permanent stream relocations.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

PERMIT / REGULATORY REQUIREMENT	In Compliance?				Location, Description and Other Notes
	Yes	No	Not Applicable	Not Assessed	
Streams and wetlands are free from any sheen or discoloration that may indicate a spill of oil, lubricants, concrete or other pollutants.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Inspection Notes
<p>An inspection was performed at the Region 2000 Regional Landfill based on a report from Robert Arthur(Region 2000) and a five day letter prepared by William Salomone(Draper Aden) to observe the jurisdictional area impacts from a release of soil from the ongoing landfill cap construction. Reporting requirements were met adequately.</p> <p>The area of impact was observed following a pre-inspection briefing with Region 2000, Draper Aden, and Campbell County PSA staff. Observations included sediment deposition in the wetland and stream from the slope failure.</p> <p>Region 2000 Service Authority has repaired the Stormwater Conveyance Channel that protects the impacted wetland from sediment deposition. The conveyance channel and closed landfill cell are in the process of permanent stabilization following the installation of a clay cap on the landfill cell.</p>

Compliance Deliverables			
Compensation Completed	Reporting	On-Site Monthly Inspections Completed	Pre-Construction Photos On-site
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Not Assessed	Preconstruction Notice Received: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Not Assessed Construction Status Updates Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/> Not Assessed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/> Not Assessed	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Not Assessed

Recommended Corrective Actions

No further corrective action is recommended. Wetland plants remain in the impacted area and the wetland hydrology is unchanged. Wetland soils were present under the 2 to 5 inches of sediment deposited in the impacted area and the hydric soil conditions should re-establish over time. More impact to the wetland may occur through any corrective action requiring excavation and should be avoided.

Photograph/Observation Location Graphic





Photo 1	Impacts at 72-inch Culvert	Photo 2	Plate showing remaining vegetation
Orientation	NE	Orientation	N
Date	6/18/19	Date	6/18/19



Photo 3	View of the impacted stream	Photo 4	View of slope impacted
Orientation	N	Orientation	S
Date	6/18/19	Date	6/18/19



Photo 5	View of impacted slope	Photo 6	Plate showing impacted depth
Orientation	N	Orientation	N
Date	6/18/18	Date	6/18/19