

Stormwater Pollution Prevention Plan: Inspection Checklist

General Information			
Project Name	Blackstone Logistics Center		
NPDES Tracking No.	MAR1003KC	Location	Blackstone Logistics Center E. Douglas, Massachusetts
Date of Inspection	11/16/2022	Start/End Time	3:15 pm – 3:45 pm
Inspector's Name(s)	Jeffrey R. Murphy, PE, Beals and Thomas, Inc.		
Inspector's Title(s)	Civil Engineer		
Inspector's Contact Information	jmurphy@bealsandthomas.com		
Describe present phase of construction	Finish grading, finish interior building work, punch list site work items and cleanup.		
Inspection Frequency:			
<input type="checkbox"/> Every 7 days <input checked="" type="checkbox"/> Every 14 days <i>and</i> within 24 hours of a 0.25" rain <input type="checkbox"/> Every 7 days <i>and</i> within 24 hours of a 0.25" rain			
Type of Inspection:			
<input type="checkbox"/> Regular <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input checked="" type="checkbox"/> Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If yes, provide:			
Storm Start Date & Time Storm: 11/15/22, 9 pm		Duration (hrs.): 14 hr	
Approx. Amount of Precipitation (in): 0.84 in			
Weather at time of this inspection?			
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snowing <input type="checkbox"/> High Winds <input type="checkbox"/> Other: Temperature: 46°F			
Have any discharges occurred since the last inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, describe:			
Are there any discharges at the time of inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, describe:			

Site-specific BMPs

- *Number the structural and non-structural BMPs identified in your SWPPP on your site map and list them below (add as many BMPs as necessary). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required BMPs at your site.*
- *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.*

BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
Compost Filter Sock	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	None
Sedimentation Control Barrier	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Silt fence appeared to be in good condition.
Infiltration Basin-1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No issues observed inside the basin or at outlets or side slopes. Final hydroseeding/pre-winter stabilization pending.
Infiltration Basin-2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No issues observed within the basin or at outlets. Minor rills observed around sediment forebay. Final hydroseeding/pre-winter stabilization pending.
Western Swale	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Prior washouts have been repaired. Final lower slope repairs and rip-rap lining of bottom of swale are still pending.
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Overall Site Issues

Below are some general site issues that should be assessed during inspections. Customize this list as needed for conditions at your site.

BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
Are all slopes and disturbed areas not actively being worked properly stabilized? *Note: Soil stockpiles not in use for a period of 14 days or more must be temporarily stabilized.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No new issues observed in terms of slope stability. Newly loamed areas for final landscaping should be hydroseeded or hydro-mulched prior to winter.
Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment control barriers appeared to be properly in place at time of inspection. No sedimentation observed beyond any perimeter areas.
Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	All silt fences appeared to be keyed into the soil at time of inspection.
Are discharge points and receiving waters free of any sediment deposits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Silt sack remains in place at the site entrance, which should be swept daily.
Are storm drain inlets properly protected?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Silt sack remains in place at the site entrance. Continue to check silt sack and remove sediment deposits as needed.
Is the construction exit preventing sediment from being tracked into the street?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Site has been fully paved. There is no longer a need for a construction entrance/tracking pad. Contractor should sweep/clean up pavement following loam placement for final grading.
Is trash/litter from work areas collected and placed in covered dumpsters?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Most heavy equipment has been removed from the site. Few remaining pieces of equipment parked on pavement along south entry drive. No issues observed.
Are materials that are potential stormwater contaminants stored inside or under cover?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Contractor tools/materials inside shipping containers on-site.
Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No issues with respect to non-stormwater flows.
Are outfalls free of debris?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No issues observed at Basin-1 & Basin-2 outfalls.

Non-Compliance

Describe any incidents of non-compliance not described above:

Install permit coverage sign near proposed construction entrance. Sign should include the following info:

- NPDES ID (MAR1003KC).
- Contact name and phone number for obtaining additional construction site information.
- Either the URL for the SWPPP or the following statement "If you would like to obtain a copy of the Stormwater Pollution Prevention Plan (SWPPP) for this site, contact the EPA Regional Office at 888-372-7341.
- The following statement "If you observe indicators of stormwater pollutants in the discharge or in the receiving waterbody, contact the EPA through the following website: <https://www.epa.gov/enforcement/report-environmental-violations>."

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Jeffrey R. Murphy, PE, Civil Engineer

Signature:

A handwritten signature in black ink that reads "Jeffrey R. Murphy". The signature is written in a cursive style with a large, stylized 'J' and 'M'.

Date: November 17, 2022

 BEALS + THOMAS		<h1 style="text-align: center;">SWPPP PHOTOGRAPHIC LOG</h1>	
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 1	Date: 11/16/2022		
Description: Northern cut slope remains stable and vegetated. Recently completed swale awaiting pre-winter stabilization measures to be implemented. No issues observed.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 2	Date: 11/16/2022		
Description: View of the eastern off-grading areas between emergency access driveway and truck court. No erosion observed. Previously placed hydromulch appears to be keeping soils in place.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 3	Date: 11/16/2022		
Description: Final cleanup of loam and landscaping stockpile area is in-progress. Finish grading and pre-winter stabilization is pending. No issues observed along limit of work line.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 4	Date: 11/16/2022		
Description: No issues observed along off-grading slopes north of Infiltration Basin-2. Pre-winter stabilization/hydroseeding/hydromulch is pending.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 5	Date: 11/16/2022		
Description: No erosion issues observed along recently loamed area along Wall #10. Pre-winter stabilization measures pending.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 6	Date: 11/16/2022		
Description: Lower portion of the western drainage swale appeared to be in adequate condition. Final cleanup and rip-rap placement is pending.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 7	Date: 11/16/2022		
Description: No erosion issues observed along the eastern off-grading slopes. Stormwater from emergency access driveway now being directed into catch basins.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 8	Date: 11/16/2022		
Description: No issues observed along the eastern limit of work adjacent to the emergency access driveway and Lackey Dam Road.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 9	Date: 11/16/2022		
Description: No new erosion was observed along the upper portion of the western swale. Final cleanup/repair of lower slopes and rip-rap placement in the swale bottom is pending.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 10	Date: 11/16/2022		
Description: Recently loamed and hydroseeded areas along Lackey Dam Road. Hydroseed application with tackifier is recommended on all exposed topsoil areas prior to winter.			