

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	3/15/2023	Start/End Time	4:15 pm – 4:45 pm
Inspector's Name(s)	Jeffery 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 interior building work, signage installation, site 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: 3/13/2023, 10:00 pm Duration (hrs.): 24 hr. Approx. Amount of Precipitation (in): 2.50 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 checked="" type="checkbox"/> High Winds <input type="checkbox"/> Other: Temperature: 37°F			
Have any discharges occurred since the last inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Discharges at FE-15 of Basin-2 were not observed at the time of inspection, but due to the high water level in the basin at the time of inspection, it is likely some discharges occurred at one point throughout the storm event. No issues were observed at the outlet point off-site from Basin-2.			
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Section of silt fence has become loose along the eastern off-grading slopes. Rebolster as needed.
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.
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 the outlets.
Western Swale	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Swale repairs have been completed.
	<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	Side washouts caused by the erosion at the western swale have since been repaired and side slopes have been stabilized.
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	A section of the silt fence along the eastern off-grading slopes, just east of the N-Grid spur road, has become loose. Contractor should bolster the silt fence as needed.
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	No issues observed at any outlet points.
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 sacks on-site have been removed from catch basins as final paving is now complete. Silt sacks remain in place on CBs in Lackey Dam Rd.
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 as needed.
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	No issues observed.

BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heavy equipment has been removed from the site. 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: Jeffery R. Murphy, PE, Civil Engineer



Signature:



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


Date: March 17, 2023



 BEALS + THOMAS		SWPPP PHOTOGRAPHIC LOG	
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	
Project No: 3077.12			
Photo No: 1	Date: 3/15/2023		
Description: No issues observed at the site entrance off Lackey Dam Road.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	
Project No: 3077.12			
Photo No: 2	Date: 3/15/2023		
Description: In the area adjacent to the main entry driveway located south of the sound wall, prior rills and erosion do not appear to have worsened since the last SWPPP inspection. B+T observed that the Contractor had placed some crushed stone around the drop inlet, in addition to the filter sock that was previously installed around the inlet. This area will continue to be monitored in the coming weeks.			



Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 3	Date: 3/15/2023		
Description: View of the Sediment Forebay of Infiltration Basin-2. No issues were observed.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 4	Date: 3/15/2023		
Description: View of Infiltration Basin-2. No issues were observed.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 5	Date: 3/15/2023		
Description: View of the western limit of work adjacent to Wall #10. No erosion issues observed.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 6	Date: 3/15/2023		
Description: Bioretention Area located south of the employee parking lot. No issues were observed.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 7	Date: 3/15/2023		
Description: Western swale viewed to the north. Prior side washouts caused by erosion have since been repaired. This area will continue to be monitored in the coming weeks.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 8	Date: 3/15/2023		
Description: View of jute matting used to help stabilize the repaired side slopes of the western swale. B+T observed that the jute matting had become slightly loose in certain locations. B+T recommends the Contractor continue to monitor the side slopes and rebolster the jute matting as needed.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 9	Date: 3/15/2023		
Description: Erosion that was previously observed within the lawn areas at the northwestern and southwestern corners of the building have since been repaired. No further issues were observed in these areas.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 10	Date: 3/15/2023		
Description: View of the N-Grid transmission tower access driveway. The Contractor had placed and compacted pavement millings throughout the driveway to help stabilize the area and minimize further erosion. No issues were observed. This area will continue to be monitored in the coming weeks.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 11	Date: 3/15/2023		
Description: No issues were observed along the northern cut-slope or swale at the base of the hill.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 12	Date: 3/15/2023		
Description: View of the eastern N-Grid spur road adjacent to the emergency access driveway. Minor rills were observed along the off-grading slopes, but otherwise the area appears to have remained stable.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 13	Date: 3/15/2023		
Description: A section of the silt fence along the eastern off-grading slopes, just east of the N-Grid spur road, has become loose. No sediment appeared to have bypassed the filter sock or silt fence. B+T recommends the Contractor re-staple the silt fence as needed.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 14	Date: 3/15/2023		
Description: No issues were observed along the emergency access driveway, the eastern off-grading slopes, and the off-grading slopes adjacent to Infiltration Basin-1.			

Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 15	Date: 3/15/2023		
Description: View of Infiltration Basin-1. No issues were observed.			
Client Name: Scannell Properties		Photo Location: Blackstone Logistics Center	Project No: 3077.12
Photo No: 16	Date: 3/15/2023		
Description: No issues were observed in the area adjacent to the emergency access driveway along Lackey Dam Road.			