

**BMP MAP LEGEND**

- ..... LIMITS OF DISTURBANCE
- PERIMETER BMP (FILTER SOCK)
- ← FLOW DIRECTION
- VTC (VEHICLE TRACK-OUT CONTROL)
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT



**OPERATOR: BRADBURY STAMM CONSTRUCTION**

**TOTAL SITE AREA: 8.54 ACRES  
TOTAL DISTURBED AREA: 8.54 ACRES**

**RECEIVING WATERS: ON-SITE RETENTION POND**

**REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.**

**\*\*GRADING PLAN BY OTHERS\*\***

**TRUMAN MIDDLE SCHOOL CAMPUS REBUILD PHASE 1B & 2A**

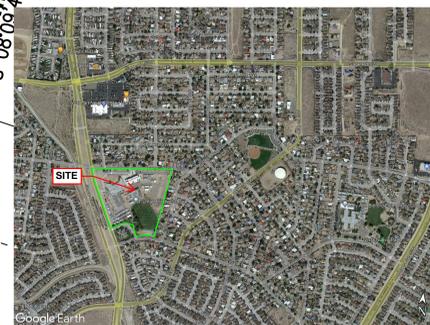
**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

Drawn By:  
**M. VALLEJOS, CPESC, CISEC**

02/09/23



**ESC-1**



## SILT SOCK INSTALLATION GUIDELINES

**SLOPE INTERRUPTION**

1. A SLIGHT ENTRENCHMENT MAY BE REQUIRED ON STEEPER SLOPES TO ENSURE PROPER CONTACT.

2. REQUIRE SLOTTING FROM THE UPRIGHT SIDE OF THE SILT SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF EFFECTIVE HEIGHT OF SOCK.

3. LOCUS FILTER MEDIA MAY BE BACKFILLED ON THE UPRIGHT SIDE OF SOCK TO IMPROVE PERFORMANCE.

4. HARDWOOD STAKES (2x4x6) (NORMAL) ARE SUGGESTED.

**PERIMETER CONTROL & OVERLAPPING**

NOTE: OVERLAP BASED ON FLOW DIRECTION.

**INLET PROTECTION**

1. THESE GUIDELINES ARE BASED UPON MANUFACTURERS RECOMMENDATIONS. PROJECT SPECIFICATIONS MAY SUPERSEDE THESE GUIDELINES.

2. REFER TO REGULATORY AUTHORITY OR PROJECT ENGINEER FOR DETAILED INSTALLATION PROCEDURES.

3. WOOD FILLER MATERIAL IS PROPERLY SIZED, BIODEGRADABLE, WEED, SEED & DISEASE FREE AND ENVIRONMENTALLY SOUND.

**Silt Sock**  
EROSION CONTROL PRODUCTS  
(608) 438-7625  
WWW.SILT SOCK.COM

## TYPICAL CONCRETE WASHOUT-BELOW GRADE



- Install appropriate signage to inform concrete equipment operators of the proper washout location.
- An appropriate stabilized entrance shall be installed where applicable. The length and width of the stabilized entrance may vary based on size and location of the washout.
- Washout facilities must be sized to contain washout water and solids.
- Typical dimensions are 10 feet long by 10 feet wide but may vary upon site limitations.
- Pit shall be delineated with Orange Filter Sock and A-Framed staked.
- The pit shall be lined with 10mil (minimum) polyethylene impermeable liner on the bottom and sides overlapping the top edges completing a leak-proof container.

## Coir Mat Inlet Protection



UV Resistance (ASTM D 4355 – 500 hour exposure) Tensile Properties (ASTM D 5035/ECTC)  
(4 inch wide strip specimen)

Baseline Properties	
MD – Maximum Load (ppi)	14.6
TD – Maximum Load (ppi)	18.7
MD – Elongation @ Max Load (%)	19.3
TD – Elongation @ Max Load (%)	27.7

500 Hour Exposed Properties	
MD – Maximum Load (ppi)	10.2
TD – Maximum Load (ppi)	13.8
MD – Elongation @ Max Load (%)	16.9
TD – Elongation @ Max Load (%)	16.6

Light Penetration (ECTC Guidelines)	
Baseline Reading	125
Reading with sample	10
% Light Penetration	<8

Resiliency (ASTM D 6524)	
Pre-loading thickness (mils)	1943
Post-loading thickness (mils)	326
% change	-83

Swell (ECTC)	
Dry thickness (mils)	1984
Thickness after soak (mils)	2098
% change	6

Mass/Unit Area (ASTM D 6565)	
Mass/unit area (oz/sq. yd)	50.89
Mass/unit area (g/sq. meter)	1725

Water Absorption (ASTM D 1117/ECTC)	
Pre-soak Weight (grams)	69
Post-Soak (grams)	152
Weight change (grams)	82
% Weight Change	119

Smolder Resistance (ECTC)	
Maximum Burn Distance (in)	.29

Sediment Control (ASTM D 5141)	
Test material:	Sand sieved thru No. 10 sieve
Filtering Efficiency (%)	40.8
Flow Rate (liter/minute)	150

### ESC Plan Standard Notes (2021-03-24)

- All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereon shall be permitted, constructed, inspected, and maintained in accordance with:
  - The City Ordinance § 14-5-2-11, the ESC Ordinance,
  - The EPA's 2017 Construction General Permit (CGP), and
  - The City Of Albuquerque Construction BMP Manual.
- All BMP's must be installed prior to beginning any earth moving activities except as specified hereon in the Phasing Plan. Construction of earthen BMP's such as sediment traps, sediment basins, and diversion berms shall be completed and inspected prior to any other construction or earthwork. Self-inspection is required after installation of the BMPs and prior to beginning construction.
- Self-inspections - At a minimum a routine compliance self-inspection is required to review the project for compliance with the Construction General Permit once every 14 days and after any precipitation event of 1/4 inch or greater until the site construction has been completed and the site determined as stabilized by the city. Reports of these inspections shall be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
- Corrective action reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
- Stabilization reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request. Reports should include records of weed removal per City Ordinance (§ 9-8-1), sterilization, soil test results and recommendation, materials and manufacturer's specifications for application rates, estimated functional longevity, methods of application, inspection and maintenance. The reduced self-inspection schedule in CGP 4.4.1 applies to stabilized area and any damaged or worn stabilization must be identified in the reports along with weed problems. Corrective actions for stabilization shall be documented in a stabilization report including actual rates and dates of stabilization, and the materials and manufacturer's specifications used.
- BMPs shall be inspected and maintained until all disturbed areas are stabilized in accordance with the Final Stabilization Criteria (CGP 2.2.14.b). Generally, all disturbed areas, other than structures and impervious surfaces, must have uniform perennial vegetation that provides 70 percent or more of the cover provided by native vegetation or seed the disturbed area and provide non-vegetative mulch that provides cover for at least three years without active maintenance. Final stabilization must be approved by the City of Albuquerque prior to removal of BMPs and discontinuation of inspections.



**OPERATOR: BRADBURY STAMM CONSTRUCTION**

**TOTAL SITE AREA: 8.54 ACRES**  
**TOTAL DISTURBED AREA: 8.54 ACRES**

**RECEIVING WATERS: ON-SITE RETENTION POND**

**REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.**

**TRUMAN MIDDLE SCHOOL CAMPUS REBUILD - PHASE 1B & 2A**

**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

Drawn By:  
**M. VALLEJOS, CPESC, CISEC**      **02/09/23**

**ESC-2**

**Nature of Construction Activity:**

This project consists of new commercial construction. This project covers approximately 8.54 acres of the Truman Middle School Campus Rebuild – Phase 1B & 2A project. Bradbury Stamm Construction is responsible for all construction activities including earthwork, infrastructure, utilities, flatwork, asphalt paving, site work and vertical construction. The activities to occur on-site are consistent with new commercial construction.

**Project/Site Name:** Truman Middle School Campus Rebuild – Phase 1B & 2A

**Project Street/Location:** 9400 Benavides Rd. SW

**City:** Albuquerque

**State:** NM

**Zip Code:** 87121

**County:** Bernalillo

**Project Latitude:** 35.05188 **Longitude:** -106.73665

**Determination of Latitude/Longitude:**

USGS topographic map (scale: \_\_\_\_\_)

EPA Web Site  NM OpenEnviroMap  GPS

Other (please specify): \_\_\_\_\_

**Function of Construction Activity:**

Residential  Commercial  Industrial  Linear (roadway)

Linear (Utility)  Development  Other (specify): \_\_\_\_\_

ROLE	COMPANY	REPRESENTATIVE NAME	PHONE	EMAIL
OPERATOR	BRADBURY STAMM CONSTRUCTION	SEAN RUBIO	505-681-0336	<a href="mailto:SRUBIO@BRADBURYSTAMM.COM">SRUBIO@BRADBURYSTAMM.COM</a>
OWNER	ALBUQUERQUE PUBLIC SCHOOLS	RITA ROMERO	505-848-8810	<a href="mailto:RITA.ROMERO@APS.EDU">RITA.ROMERO@APS.EDU</a>
BMP MAINTENANCE	SUPERIOR STORMWATER SERVICES, LLC	TIM SLATUNAS	505-353-2558	<a href="mailto:TIM@SUPERIORSTORMWATER.COM">TIM@SUPERIORSTORMWATER.COM</a>
SWPPP INSPECTIONS	GREEN GLOBE ENVIRONMENTAL, LLC	TIM SLATUNAS	505-353-2558	<a href="mailto:TIM@GREENGLOBENM.COM">TIM@GREENGLOBENM.COM</a>

Start Date-Finish Date (dates to be marked on site plan by operator)	Construction Activity, BMPs, and location
<b>Initial Phase</b>	Pre-Site Grading 1. Install perimeter BMPs (silt fence, erosion control logs, downstream inlet protection, etc.) 2. Construct VTC. 3. Set up construction trailer, construction barrier, and material storage areas, etc. 4. Install sanitary facilities and dumpster 5. Implement stabilization procedures where work is complete or ceases (per section 2.2.14 of the 2022 EPA CGP)
<b>Interim Phase</b>	Site Grading/ Building Construction 1. Mass grade site 2. Construct utilities, infrastructure 3. Building, pavement construction 4. Implement stabilization procedures where work is complete or ceases (per section 2.2.14 of the 2022 EPA CGP)
<b>Final Phase</b>	Final Stabilization 1. Implement stabilization procedures where work is complete or ceases (per section 2.2.14 of the 2022 EPA CGP) 2. Prepare final seeding and landscaping 3. Monitor stabilized areas until final stabilization is reached 4. Remove temporary control BMPs and stabilize any areas disturbed by their removal



Tables - K Factor, Whole Soil - Summary by Map Unit

Summary by Map Unit - Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico (NM600)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BCC	Bluepoint loamy fine sand, 1 to 9 percent slopes	.20	22.0	100.0%
<b>Totals for Area of Interest</b>			<b>22.0</b>	<b>100.0%</b>



**OPERATOR: BRADBURY STAMM CONSTRUCTION**

**TOTAL SITE AREA: 8.54 ACRES**  
**TOTAL DISTURBED AREA: 8.54 ACRES**

**RECEIVING WATERS: ON-SITE RETENTION POND**

**REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.**

**TRUMAN MIDDLE SCHOOL CAMPUS REBUILD - PHASE 1B & 2A**

**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

Drawn By: **M. VALLEJOS, CPESC, CISEC** **02/09/23**

	<b>ESC-3</b>
--	--------------