

BMP MAP LEGEND	
LIMITS OF DISTURBANCE	
PERIMETER BMP (SILT FENCE)	
INLET/OUTLET PROTECTION	
FLOW DIRECTION	
VTC (VEHICLE TRACK-OUT CONTROL)	
PORTABLE TOILETS	
WASTE CONTAINER	
CONCRETE WASHOUT	

OPERATOR: BRADBURY STAMM CONSTRUCTION

TOTAL SITE AREA: 13 ACRES
TOTAL DISTURBED AREA: 13 ACRES

RECEIVING WATERS: RIO GRANDE RIVER (TIJERAS ARROYO TO ALAMEDA BRIDGE), TIER 2 SEE ESC-3 FOR IMPAIRMENTS.

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

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

ABQ REGIONAL SPORTS COMPLEX
PHASE 2 - FIELD #6

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	03/31/2021
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ESC-1

Silt Fence Detail

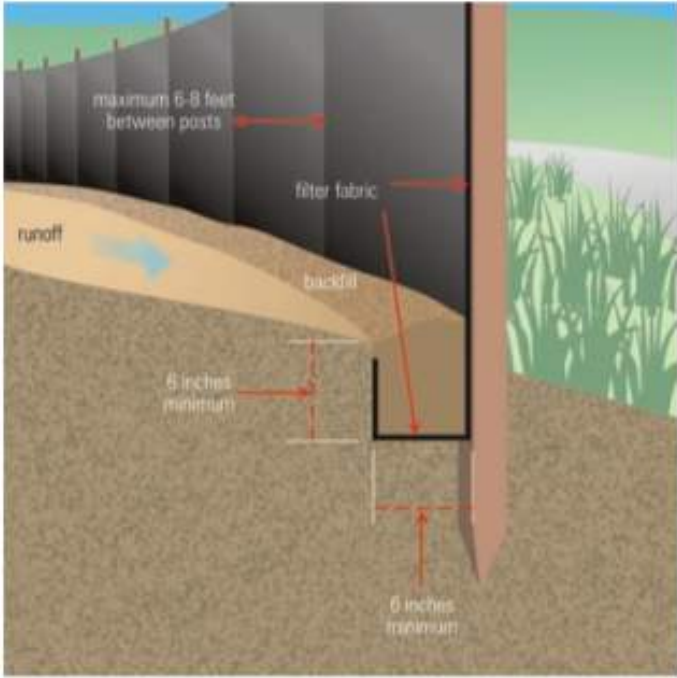
Non-woven Silt Fence
A silt fence is a temporary sediment barrier consisting of a geotextile attached to supporting posts and trenched into the ground. Intended to retain sediment that has been dislodged by stormwater.

Use silt fence as a perimeter control particularly at lower or down slope edge of a disturbed area. Leave space for maintenance between slope and silt fence or roll. Trench in the silt fence on the uphill side (6 in deep by 6 in wide). Install stakes on the downhill side of the fence. Curve silt fence up-gradient to help it contain runoff.

To maintain remove sediment when it reaches one-third of the height of the fence. Replace the silt fence where it is worn, torn, or otherwise damaged. Retrench or replace any silt fence that is not properly anchored to the ground. If the silt fence cannot be toed in properly due to existing hard surface, place mulch filter sock at base to prevent sediment from leaving site.

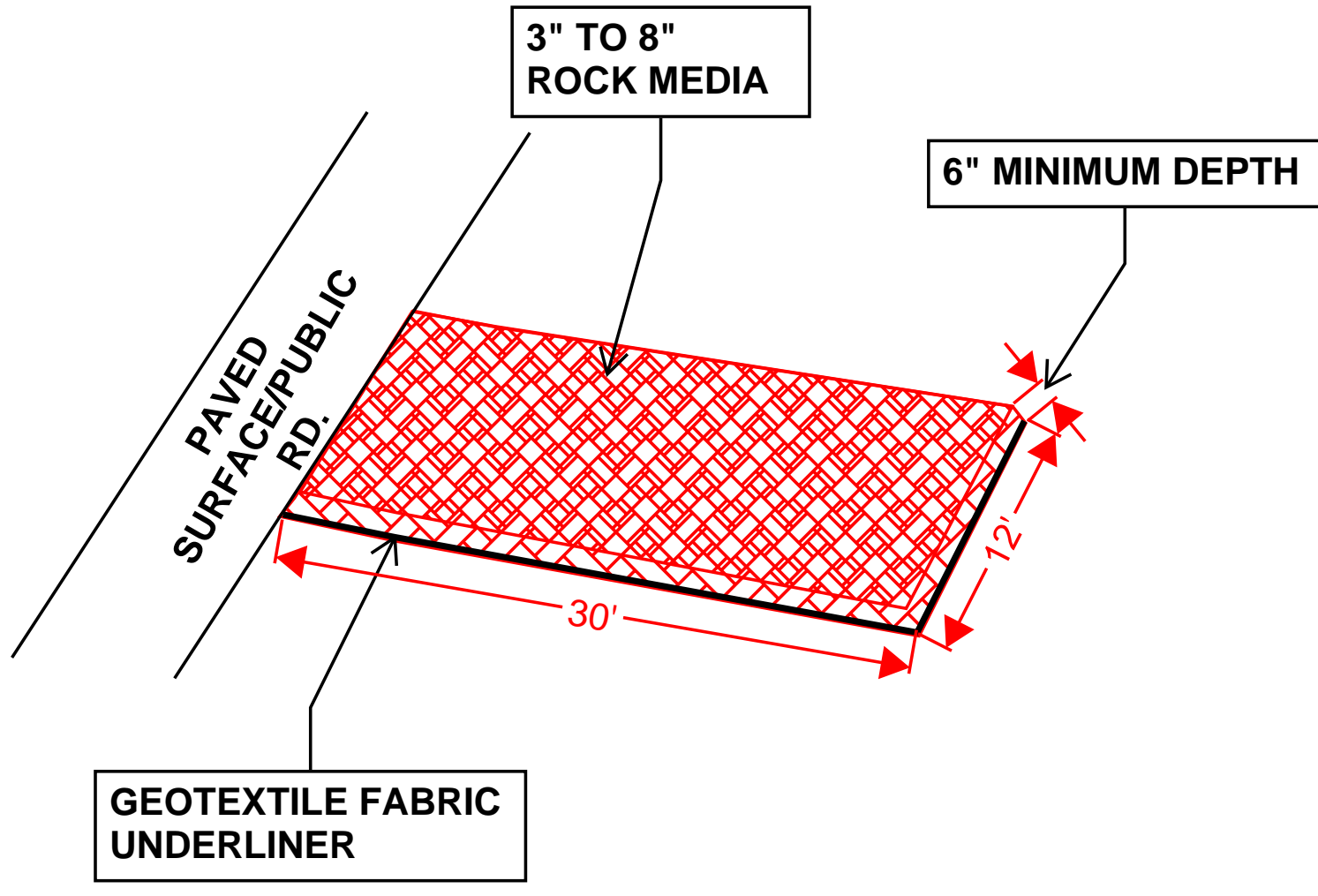
8’ max wood stake spacing and 10’ max spacing for steel T-post.

Silt Fence Installation



Source: USEPA Guide for Construction Site

VEHICLE TRACK-OUT CONTROL



- DIMENSIONS NOTED CAN BE SITE RESTRICTIVE.

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.

ESC Plan Standard Notes (2021-03-24)

1. 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:
 - a. The City Ordinance § 14-5-2-11, the ESC Ordinance,
 - b. The EPA’s 2017 Construction General Permit (CGP), and
 - c. The City Of Albuquerque Construction BMP Manual.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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

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(TIJERAS ARROYO TO ALAMEDA BRIDGE),
TIER 2 SEE ESC-3 FOR IMPAIRMENTS.

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

ABQ REGIONAL SPORTS COMPLEX
PHASE 2 - FIELD #6

TEMPORARY EROSION AND SEDIMENT
CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	03/31/2021
	ESC-2

Start/Date-Finish Date (dates to be marked on site plan by operator)

Construction Activity, BMPs, and location

Initial Phases	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 4. Install sanitary facilities and dumpster. 5. Implement stabilization procedures where work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP)
Interim Phases	Site Grading/ Building Construction 1. Mass grade site 2. Construct utilities, infrastructure 3. Building, pavement construction 4. Implement stabilization procedures <u>were</u> work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP)
Final Phases	Final Stabilization 1. Implement stabilization procedures <u>were</u> work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP) 2. Prepare final seeding and landscaping 3. Monitor stabilized areas until final stabilization is <u>reached</u> 4. Remove temporary control BMPs and stabilize any areas disturbed by the removal

Nature of Construction Activity:
This project consists of new addition of field to existing regional sports complex. This project covers approximately 13 acres of the ABQ Regional Sports Complex Phase 2 – Field #6 project. Bradbury Stamm Construction is responsible for all construction activities including earthwork, infrastructure, utilities, flatwork and vertical construction. The activities to occur on-site are consistent with commercial athletic field construction.

Project/Site Name: Albuquerque Regional Sports Complex Phase 2 – Field #6
Project Street/Location: 1801 Arroyo Vista Blvd. NW
City: Albuquerque
State: NM
Zip Code: 87120
County: BERNALILLO

Project Latitude: 35.09636 **Longitude:** -106.76371

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): Athletic Field

Is your project/site located on federally recognized Country Lands Yes ☐ No ☒

**" If engaged in demolition of any structure with at least 10,000 square feet of floor space built or renovated before January 1, 1980, you must: implement controls to minimize the exposure of PCB-containing building materials, including paint, caulk, and pre-1980 fluorescent lighting fixtures, to precipitation and stormwater and ensure that disposal of such materials is performed in compliance with applicable state, federal, and local laws.*

ROLE	COMPANY	REPRESENTATIVE NAME	PHONE	EMAIL
OPERATOR	BRADBURY STAMM CONSTRUCTION	PHILIP ERICKSON	505-850-8750	PERICKSON@BRADBURYSTAMM.COM
OWNER	CITY OF ALBUQUERQUE	KEITH REED	505-239-9819	KREED@CABQ.GOV
BMP MAINTENANCE	SUPERIOR STORMWATER SERVICES	TIM SLATUNAS	505-353-2558	TIM@SUPERIORSTORMWATER.COM
SWPPP INSPECTIONS	GREEN GLOBE ENVIRONMENTAL	TIM SLATUNAS	505-353-2558	TIM@GREENGLOBENM.COM



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)				
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
BKD	Bluepoint-Kokan association, hilly	.17	21.2	100.0%
Totals for Area of Interest			21.2	100.0%

Rio Grande (Tijeras Arroyo to Alameda Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020203	Rio Grande-Albuquerque
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_51	20.6.4.105	RIVER	15.6 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Mercury - Fish Consumption Advisory PCBS - Fish Consumption Advisory Dissolved oxygen Temperature	2020 2010 2008 2010	2023 (est.) 2023 (est.)	5/5C 5/5C 5/5A 5/5A
PC	Not Supporting	E. coli	2020	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for E. coli. Fish Consumption Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.					

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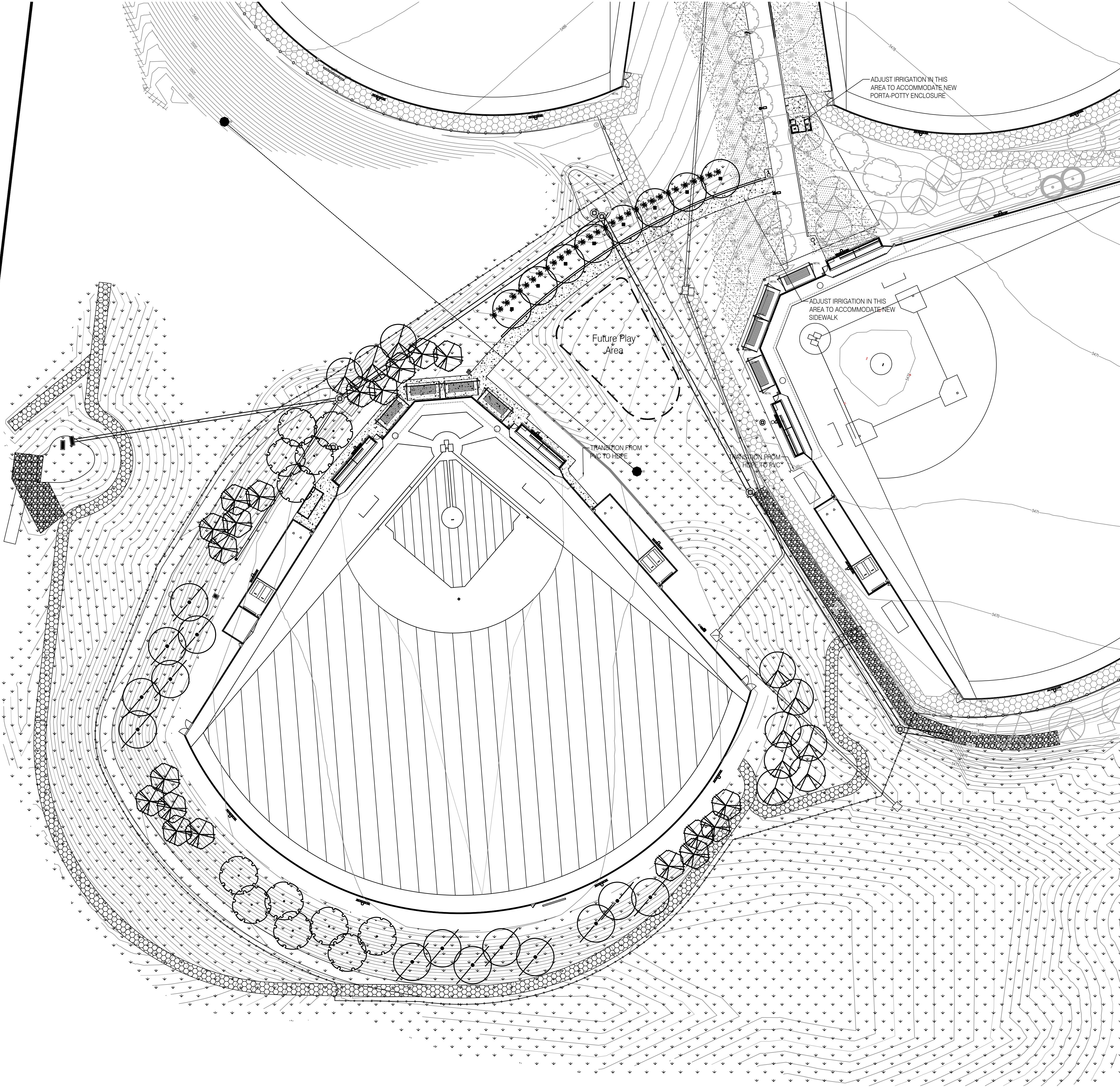
ABQ REGIONAL SPORTS COMPLEX
PHASE 2 - FIELD #6







TEMPORARY EROSION AND SEDIMENT
CONTROL PLAN


Drawn By: M. VALLEJOS, CPESC, CISEC 03/31/2021

ESC-3

118th STREET (180' ROW)



PLANT LEGEND					
QTY.	SYMBOL	SCIENTIFIC NAME COMMON NAME	SIZE	MATURE SIZE	WATER USE
		<u>TREES</u>			
20		CHILOPSIS LINEARIS 'BUBBA' DESERT WILLOW	2'4" BOX	25 HT. X 25" SPRI	LOW
8		PISTACHE CHINENSIS CHINESE PISTACHE	2.5' B&B	50 HT. X 40" SPRI	MEDIUM
		CELTIS OCCIDENTALIS WESTERN HACKBERRY	2.5' B&B	45 HT. X 35" SPRI	LOW
14		ULMUS CARPINIFOLIA X PARVIFLORA FRONTIER ELM	2.5' B&B	40 HT. X 30" SPRI	MEDIUM +
12		ULMUS PROPINQUA EMERALD SUNSHINE ELM	2.5' B&B	40 HT. X 30" SPRI	MEDIUM
		<u>SHRUBS/GROUNDCOVERS</u>			
31		SPOROBOLUS WRIGHTII WINDBREAKER GIANT SACATON	5-GAL.	10" O.C. 8 HT. X 6 SPRI	LOW

REVEGETATIVE SEEDING		
		
AREAS SHALL BE REVEGETATED BY HYDROMULCH APPLICATION W/ATKAPRIL PER COA SPECIFICATION SECTION 10.02. LISTS OF REVEGETATED SEEDING SHOWN ON PLANS IS SCHEMATIC. CONTRACTOR SHALL APPLY REVEGETATED SEED TO LIMIT OF DISTURBANCE.		
SANDY SOILS MIX (20 LBS. PLS PER ACRE TOTAL)		
SCIENTIFIC NAME - COMMON NAME		# PLS./AC
HILARIA JAMESII VAUGH. - GALLETA		7.0
ORYZOPSIS HYMNENODES NESPARI - INDIAN REE GRASS		5.0
BOUTELLOUA GRACILIS HACHT. - BLUE GRASS		2.0
BOUTELLOUA CURTIPENDULA VAUGHN. - SIDEGRASS GRAMA		1.0
AGROPION SMITHII - WESTERN WHEAT		1.0
SPOBOROLUS CRYPTANTHUS - SAND PROPOSS		1.0
SPOBOROLUS AIROIDES SALADO - ALKALI SACATON		1.0
EPHEDRA VIRGATA - GREEN MORMON TEA		25
ARTIFEX CAESCIENSIS - FOURRING SALTBUSH		25
ARTHRAEMA FILIFOLIA - SAND SAGE		5
SP-APHERAL CAE AMBIGUA - DESERT GLOBEWALL		25
PENTSTEMON DILLID - WHITE PENTSTEMON		25
BAILEYA MULTIRADIATA - DESERT MARIGOLD		25
PENTSTEMON AMBIGUES - SAND PENTSTEMON		25

- ## GENERAL LANDSCAPE NOTES
1. PRIOR TO BEGINNING WORK ON THE PROJECT, THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT IN THE FIELD WITH THE OWNER'S REPRESENTATIVE.
 2. IF DISCREPANCIES OCCUR BETWEEN THE DRAWINGS AND THE SITE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING ON THAT PORTION OF WORK.
 3. ALL PLANTING AREAS ARE TO HAVE WEEDS AND COMPETITIVE VEGETATION REMOVED PRIOR TO PREPARATION FOR PLANTING.
 4. ALL EXISTING PLANT MATERIALS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. DAMAGED MATERIALS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
 5. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTORS CONVENIENCE ONLY. PLANS SHALL TAKE PRECEDENCE.
 6. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT MATERIAL PRIOR TO PLANTING. IN ADDITION, THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. THE OWNER'S REPRESENTATIVE IS TO APPROVE ANY AND ALL SUBSTITUTIONS.
 7. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
 8. PLANTING INSTALLATION SHALL BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (SECTION 1005 - PLANTING). TREES PLANTED ON SLOPES SHALL BE INSTALLED PER DETAIL 2, SHEET C302.

[illegible]



Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section III of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section II of this form. Submission of this NOI also constitutes notice that the operator identified in Section III of this form meets the eligibility requirements of Part 1.1 CGP for the project identified in Section IV of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

Permit Information

NPDES ID: NMR1003TGState/Territory to which your project/site is discharging: NM

Is your project/site located on federally recognized Indian Country lands? No

Are you requesting coverage under this NOI as a "Federal Operator" as defined in Appendix A
(https://www.epa.gov/sites/production/files/2019-05/documents/final_2017_cgp_appendix_a_-_definitions.pdf)?

No

Have stormwater discharges from your current construction site been covered previously under an NPDES permit? No

Will you use polymers, flocculants, or other treatment chemicals at your construction site? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Are you able to demonstrate that you meet one of the criteria listed in Appendix D (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_d_-_endangered_species_reqs_508.pdf) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat?

Yes

Have you completed the screening process in Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf) relating to the protection of historic properties?

Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

Operator Information

Operator Information

Operator Name: CITY OF ALBUQUERQUE

Operator Mailing Address:

Address Line 1: 600 2ND ST. NW

Address Line 2:

City: ALBUQUERQUEZIP/Postal Code: 87102State: NMCounty or Similar Division: Bernalillo

Operator Point of Contact Information

First Name Middle Initial Last Name: KEITH REED

Title: PROJECT MANAGER

Phone: 505-239-9819 Ext.:

Email: KREED@CABQ.GOV

NOI Preparer Information

☒ This NOI is being prepared by someone other than the certifier.

First Name Middle Initial Last Name: Mathew F Vallejos

Organization: Green Globe Environmental

Phone: (505) 304-8473 Ext.:

Email: matt@greenglobenm.com

Project/Site Information

Project/Site Name: ABQ REGIONAL SPORTS COMPLEX PHASE 2 - FIELD #6

Project/Site Address

Address Line 1: 1801 ARROYO VISTA BLVD. NW

Address Line 2: City: ALBUQUERQUE

ZIP/Postal Code: 87120 State: NM

County or Similar Division: Bernalillo

Latitude/Longitude: 35.093656°N, 106.76497°W

Latitude/Longitude Data Source: Map Horizontal Reference Datum: WGS 84

Project Start Date: 05/03/2021 Project End Date: 11/01/2021 Estimated Area to be Disturbed: 13

Types of Construction Sites:

- ATHLETIC FIELD
- Commercial

Will there be demolition of any structure built or renovated before January 1, 1980? No

Was the pre-development land use used for agriculture? No

Have earth-disturbing activities commenced on your project/site? No

Is your project/site located on federally recognized Indian Country lands? No

Is your project/site located on a property of religious or cultural significance to an Indian tribe? No

Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes

Are there any waters of the U.S. within 50 feet of your project's earth disturbances? No

Are any of the waters of the U.S. to which you discharge designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) or as a Tier 3 water (Outstanding National Resource Water)? See Appendix F (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_f_-_tier_3_tier_2_and_tier_2.5_waters_508.pdf)

Yes

001: UN-NAMED ARROYO

Latitude/Longitude: 35.090496°N, 106.765474°W

Tier Designation: N/A

Is this receiving water impaired (on the CWA 303(d) list)? No

Has a TMDL been completed for this receiving waterbody? No

Stormwater Pollution Prevention Plan (SWPPP)

First Name Middle Initial Last Name: KEITH REED

Organization:

Title: PROJECT MANAGER

Phone: 505-239-9819

Ext.:

Email: KREED@CABQ.GOV

Endangered Species Protection

Using the Instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit?

Criterion A

Provide a brief summary of the basis for criterion selection listed above (the necessary content for a supportive basis statement is provided under the criterion you selected.):

PER USFWS OFFICIAL LIST OF THREATENED AND ENDANGERED SPECIES, ALL THREATENED AND ENDANGERED SPECIES CRITICAL HABITAT ARE OUTSIDE THE PROJECT LIMITS.

Historic Preservation

Are you installing any stormwater controls as described in Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf) that require subsurface earth disturbances? (Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf), Step 1)

Yes

- ➔ Have prior surveys or evaluations conducted on the site already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf), Step 2):

Yes

Certification Information



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 have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Keith A. Reed

Certifier Title: Engineering Project Manager

Certifier Email: kreed@cabq.gov

Certified On: 04/08/2021 12:57 PM ET