



Stormwater Quality Plan Information Sheet and Inspection Fee Schedule

Project Name: _____

Project Location: (address or major cross streets/arroyo) _____

Plan Preparer Information:

Company: _____

Contact: _____

Address: _____

Phone Number: (O) _____ (Cell (optional)) _____

e-Mail: _____

Property Owner Information:

Company: _____

Contact: _____

Address: _____

Phone: _____

e-Mail: _____

I am submitting the ESC plan to obtain approval for:

___ Grading ___ Building Permit ___ Work Order Construction Plans

Note: More than one item can be checked for a submittal

Stormwater Quality Inspection fee: (based on development type and disturbed area)

Commercial	< 2 acres \$300 <input type="checkbox"/>	2 to 5 acres \$500 <input type="checkbox"/>	>5 acres \$800 <input type="checkbox"/>
Land/Infrastructure	< 5 acres \$300 <input type="checkbox"/>	5 to 40 acres \$500 <input type="checkbox"/>	>40 acres \$800 <input type="checkbox"/>
Multi - family	< 5 acres \$500 <input type="checkbox"/>	≥5 acres \$800 <input type="checkbox"/>	
Single Family Residential	<5 acres \$500 <input type="checkbox"/>	5 to 40 acres \$1000 <input type="checkbox"/>	> 40 acres \$1500 <input type="checkbox"/>

Plan Review fee is \$105 for the first submittal ☐ and \$75.00 for a resubmittal ☐

Total due equals the plan review fee plus the Stormwater Quality Inspection fee.

Total Due \$ _____

If you have questions, please contact Doug Hughes, Stormwater Quality 924-3420, jhughes@cabq.gov

Rev May 2019



Construction Erosion and Sediment Control (ESC) Permit

Project Title _____

Project Address _____

Property Owner:

Company or Owner Name: _____

Street: _____

City, State, Zip Code: _____

Responsible Person:

Name: _____

Phone Number: _____

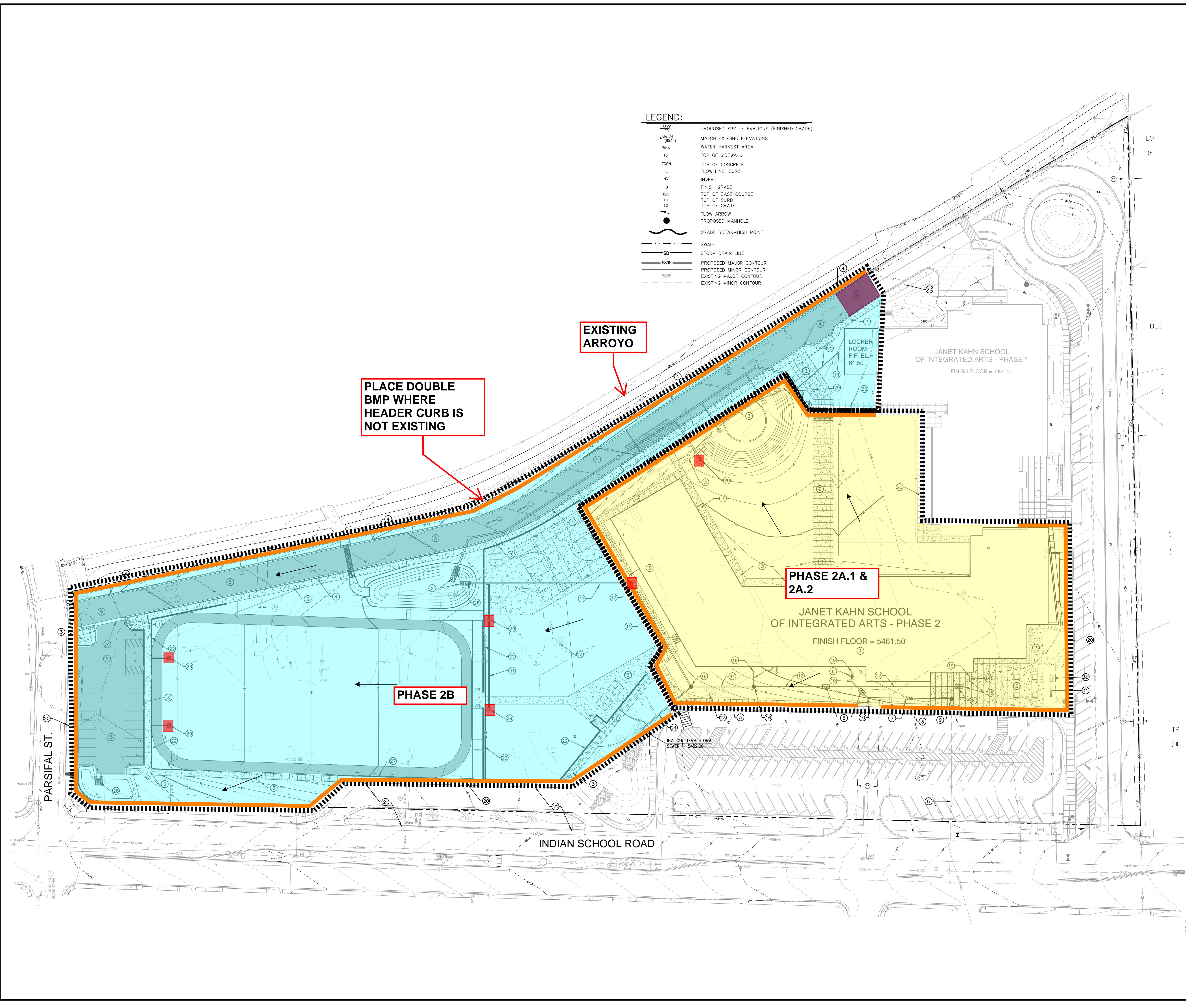
E-mail: _____

-The person listed on the permit and/or the onsite representative will be contacted if any issues are observed during an inspection.

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 along with a copy of the CGP, the "stormwater team" contact sheet, and the approved ESC Plan. This permit expires the day after the "Project End Date" of the Low Erosivity Waiver (LEW) or one year from the date signed below, whichever happens first.

For City personnel use only:

City Personnel Signature: _____ Date _____



BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- PERIMETER BMP
(FILTER SOCK PLACED
AT BASE OF TEMP. FENCE W/
WINDSCREEN ATTACHED)
- PHASE 2A.1 & 2A.2
- PHASE 2B
- VEHICLE TRACKOUT CONTROL
- INLET PROTECTION
- FLOW DIRECTION
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT



**OPERATOR: BRADBURY STAMM
CONSTRUCTION**


**TOTAL SITE AREA: 10.11 ACRES
TOTAL DISTURBED AREA: 10.11
ACRES**

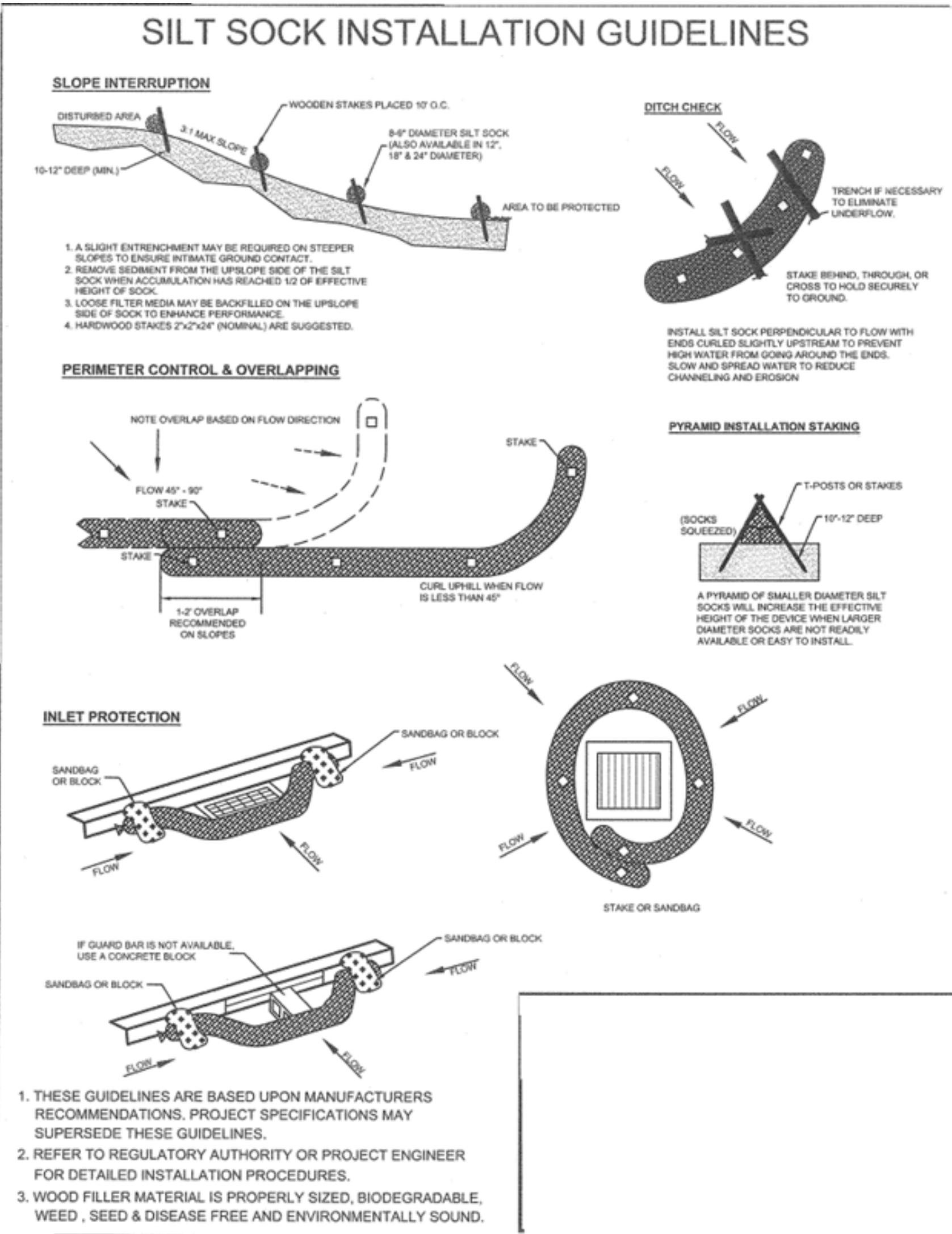
**RECEIVING WATERS: RIO GRANDE
(TIJERAS ARROYO TO ALAMEDA
BRIDGE)**

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

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

**JANET KAHN PHASE II
TEMPORARY EROSION AND SEDIMENT
CONTROL PLAN**

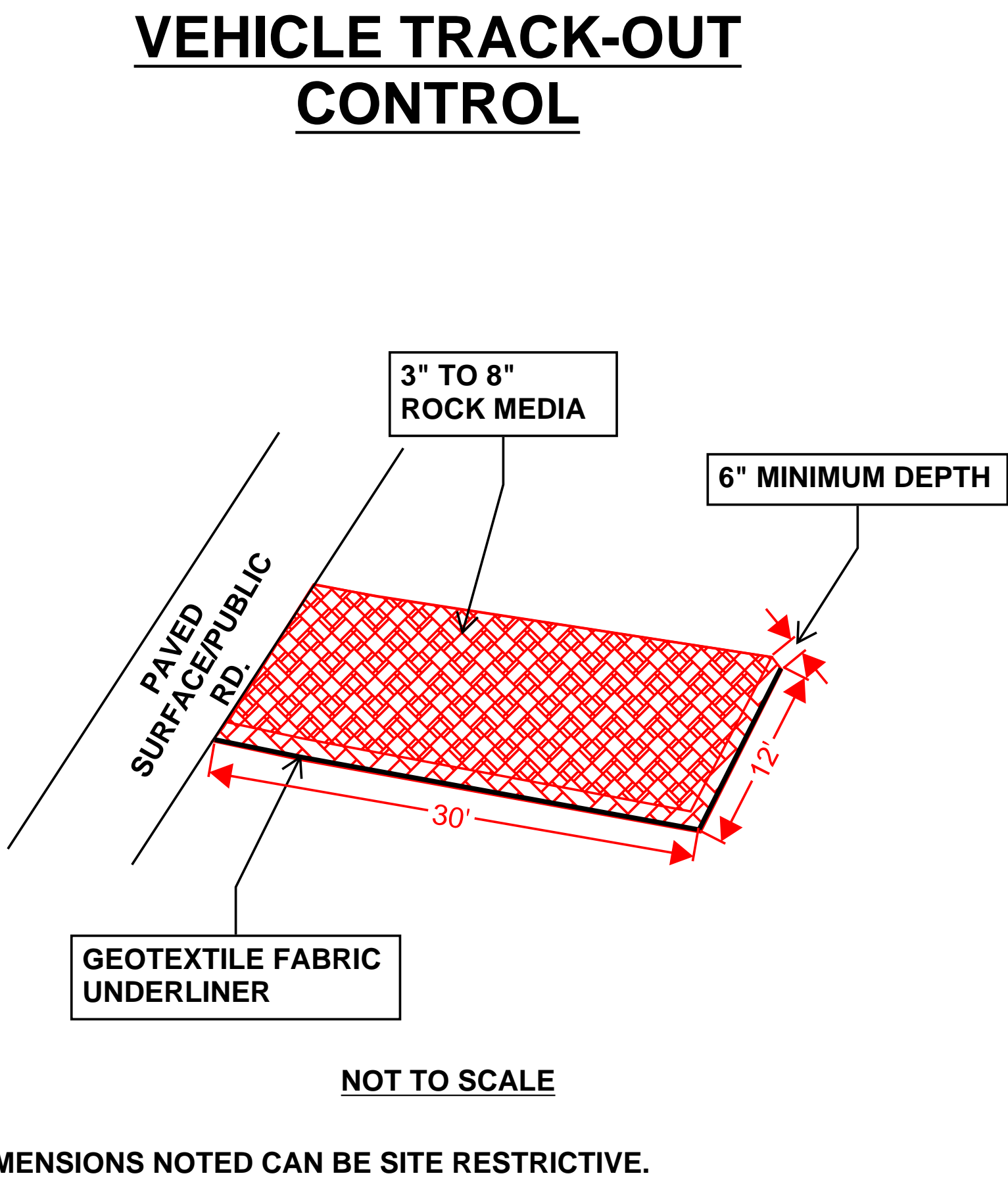
Drawn By: M. VALLEJOS, CPESC, CISEC	12/13/2021
	ESC-1



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.



PORTABLE CONCRETE WASHOUT CONTAINER

CONCRETE WASHOUT SYSTEMS

PO Box 2604
Carmichael, CA. 95609
Phone: 1.877.292.7468
Fax: 1.916.244.0403
info@concretewashout.com
www.concretewashout.com
Patent Pending

DESCRIPTION
A portable, self-contained and watertight container affixed with ramps that controls, captures and contains caustic concrete wastewater and washout material.

PURPOSE & OBJECTIVE
Allows trade personnel to easily washout concrete trucks, pumps and other equipment associated with cement on site and allows easy off site recycling of the same concrete materials and wastewater.

APPLICATION
Construction projects where concrete, stucco, mortar, grout and cement are used as a construction material or where cementitious wastewater is created.

MAINTENANCE
Inspect and clean out when ¾ full, not allowing the container to overflow. Inspect wastewater level and request a vacuum if needed. Inspect subcontractors to ensure that proper housekeeping measures are employed when washing out equipment.

SPECIFICATIONS
The container must be portable and temporary, watertight, equipped with ramps and have a holding capacity to accept washout from approximately 350 yards of poured concrete. A vacuum service must accompany washout container and be used by site superintendent as needed. A rampless container may be used in conjunction with a ramped container or by itself if a concrete pump is not needed. The washwater must be disposed of or treated and recycled in an environmentally safe manner and in accordance with federal, state or local regulatory guidelines.

TARGETED POLLUTANTS
Caustic wastewater (high pH level near 12 units)
Suspended solids
Assorted Metals; Chromium VI, Nickel, Sulfate, Potassium, Magnesium and Calcium Compounds

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

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

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

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

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

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

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



OPERATOR: BRADBURY STAMM CONSTRUCTION


TOTAL SITE AREA: 10.11 ACRES
TOTAL DISTURBED AREA: 10.11 ACRES

RECEIVING WATERS: RIO GRANDE (TIJERAS ARROYO TO ALAMEDA BRIDGE)

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

JANET KAHN PHASE II

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	12/13/21
	ESC-2

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:
- 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.
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.

Nature of Construction Activity:

New commercial construction of school building and various site work. Approximate area of 10.11 acres.

Project/Site Name: Janet Kahn Phase II
Project Street/Location: 9717 Indian School Rd. NE
City: Albuquerque
State: NM
Zip Code: 87112
County: Bernalillo

Project Latitude: 35.10250 **Longitude:** -106.53518

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) ☐ Other (specify): _____

Start-Date-Finish-Date (dates to be marked on site plan by operator)	Construction Activity, BMPs, and locations
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 where work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP)
Final Phases	Final Stabilization 1. Implement stabilization procedures where 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 reached 4. Remove temporary control BMPs and stabilize any areas disturbed by the removal

ROLE	COMPANY	REPRESENTATIVE NAME	PHONE	EMAIL
OWNER	ALBUQUERQUE PUBLIC SCHOOLS	ALEXA MURPHY	505-848-8876	ALEXA.MURPHY@APS.EDU
OPERATOR	BRADBURY STAMM CONSTRUCTION	DARREN MORTENSEN	505-681-2475	DMORTENSEN@BRADBURYSTAMM.COM
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
EtC	Embudo-Tijeras complex, 0 to 9 percent slopes	.15	10.0	100.0%
Totals for Area of Interest			10.0	100.0%



OPERATOR: BRADBURY STAMM CONSTRUCTION

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RECEIVING WATERS: RIO GRANDE (TIJERAS ARROYO TO ALAMEDA BRIDGE)

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

JANET KAHN PHASE II

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:
M. VALLEJOS, CPESC, CISEC

12/13/21



ESC-3

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: NMR1004E2

State/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: ALBUQUERQUE PUBLIC SCHOOLS

Operator Mailing Address:

Address Line 1: 915 OAK ST. SE

Address Line 2:

City: ALBUQUERQUE

ZIP/Postal Code: 87106

State: NM

County or Similar Division: Bernalillo

Operator Point of Contact Information

First Name Middle Initial Last Name: ALEXA . MURPHY

Title: PROJECT MANAGER

Phone: 505-848-8876 Ext.:

Email: ALEXA.MURPHY@APS.EDU

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: JANET KAHN PHASE II

Project/Site Address

Address Line 1: 9717 INDIAN SCHOOL RD. NE

Address Line 2: City: ALBUQUERQUE

ZIP/Postal Code: 87112 State: NM

County or Similar Division: Bernalillo

Latitude/Longitude: 35.10264°N, 106.534841°W

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

Project Start Date: 12/20/2021 Project End Date: 10/31/2023 Estimated Area to be Disturbed: 10.25

Types of Construction Sites:

- 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



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? Yes

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: ARROYO DEL EMBUDO

Latitude/Longitude: 35.10276°N, 106.536615°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

002: Rio Grande (Tijeras Arroyo to Alameda Bridge)

Latitude/Longitude: 35.070061°N, 106.660298°W

Tier Designation: Tier 2

Is this receiving water impaired (on the CWA 303(d) list)? Yes

Impaired Pollutants:

- Temperature
- Dissolved oxygen
- E. coli

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID: NM2105 Name: RIO GRANDE (TIJERAS ARROYO TO ALAMEDA BRIDGE)

TMDL Pollutants:

- E. coli



Organization:

Title: PROJECT MANAGER

Phone: 505-848-8876

Ext.:

Email: ALEXA.MURPHY@APS.EDU

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: Alexa Murphy

Certifier Title: Staff Architect

Certifier Email: alexa.murphy@aps.edu

Certified On: 12/13/2021 12:18 PM ET