Stormwater Quality Plan Information Sheet and Inspection Fee Schedule

Project Name: ABCWUA DISTRIBUTION YARD ROADWAY

Project Location: (address or major cross streets/arroyo)
5408 2ND ST. NW ALBUQUERQUE, NM, 87107

Plan Preparer Information:

Company: GREEN GLOBE ENVIRONMENTAL

Contact: MATHEW VALLEJOS

Address: PO BOX 400, LOS LUNAS, NM, 87031

Phone Number: (O) 505-304-8473 (Cell (optional)) _____

e-Mail: MATT@GREENGLOBENM.COM

Property Owner Information:

Company: ABCWUA

Contact: LUIS ORDONEZ

Address: PO BOX 568, ALBUQUERQUE, NM, 87103

Phone: 505-289-3216

e-Mail: LORDONEZ@ABCWUA.ORG

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 ☐	2 to 5 acres $500 ☒	>5 acres $800 ☐
Land/Infrastructure	< 5 acres $300 ☐	5 to 40 acres $500 ☐	>40 acres $800 ☐
Multi - family	< 5 acres $500 ☐	≥5 acres $800 ☐	
Single Family Residential	<5 acres $500 ☐	5 to 40 acres $1000 ☐	> 40 acres $1500 ☐

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 $ 605.00

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 ABCWUA DISTRIBUTION YARD ROADWAY

Project Address 5408 2ND ST. NW, ALBUQUERQUE, NM, 87107D

Property Owner:

Company or Owner Name: ABCWUA

Street: PO BOX 568

City, State, Zip Code: ALBUQUERQUE, NM, 87103

Responsible Person:

Name: LUIS ORDONEZ

Phone Number: 505-289-3216

E-mail: LORDONEZ@ABCWUA.ORG

-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 Waver (LEW) or one year from the date signed below, whichever happens first.

For City personnel use only:

City Personnel Signature:_____ Date_____

(Rev Oct 2020)

POND SLOPES AND AREA SHOWN TO BE STABILIZED WITH NATIVE GRASS SEED AND AGGREAGTE MULCH (PER COA STD. SPEC. 1012) TO SATISFY THE FINAL STABILIZATION CRITERIA PER CGP 2.2.14.c.iii.(a).

EXISTING TRACK-OUT PAD TO REMAIN IN PLACE

POND A:
2' DEEP W/ 10:1 SIDES

POND VOL.: 8492CF
CONTRIBUTING 100YR
10DAY VOL.: 5267CF

DISCHARGE POINT/OUTFALL #1

EXCAVATION & GRADING QUANTITIES		
TOTAL CUT (CY)	TOTAL FILL	TOTAL EXPORT
2750	200	2550

NOTE:
CONTRACTOR SHALL STORE EXPORT ON SITE AS DIRECTED BY THE WUA, MAXIMUM HEIGHT OF FILL IS 15FT.

DISCHARGE POINT/OUTFALL #2

SEWER LINE EASEMENT

EXIST FIRE HYDRANT

OL.: 1709CF

ASPHALT DRIVEWAY

SUBBASIN B

EXISTING CONCRETE PAD TO REMAIN

HIGH-POINT

ESTATE CURB

WATER LINE EASEMENT

20' ASPHALT DRIVEWAY

SUBBASIN A

SUBBASIN C

EXISTING BERM/SWALE TO REMAIN IN PLACE

1 SIDES

114CF

IG 100YR,
77CF

DISCHARGE POINT/OUTFALL #3

EXIST FIRE HYDRANT

CONCRETE DUMPSTER PAD

BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- PERIMETER BMP (SILT FENCE)
- EXISTING BERM/SWALE
- VEHICLE TRACKOUT CONTROL
- FLOW DIRECTION
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT
- AREA TO BE STABILIZED

green globe ENVIRONMENTAL

OPERATOR: BRADBURY STAMM CONSTRUCTION

TOTAL SITE AREA: 2.5 ACRES
TOTAL DISTURBED AREA: 2.5 ACRES

RECEIVING WATERS: ON-SITE RETENTION PONDS

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

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

ABCWUA DISTRIBUTION YARD ROADWAY

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	03/23/22

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL
CPESC®
MATHEW F. VALLEJOS
No. 9108
3-23-22

ESC-1

Silt Fence Detail

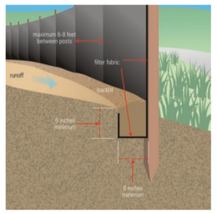
Non-woven Silt Fence
A silt fence is a temporary sediment barrier consisting of a geotextile attached to supporting posts and trenched into the ground. Intended to retain sediment that has been dislodged by stormwater.

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

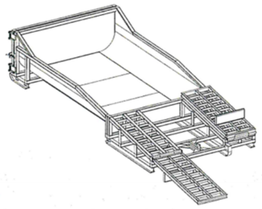


Source: USEPA Guide for Construction Site

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 evironmentally safe maanner 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

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.

green globe ENVIRONMENTAL

OPERATOR: BRADBURY STAMM CONSTRUCTION

TOTAL SITE AREA: 2.5 ACRES
TOTAL DISTURBED AREA: 2.5 ACRES

RECEIVING WATERS: ON-SITE RETENTION PONDS

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

ABCWUA DISTRIBUTION YARD ROADWAY

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	03/23/22

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL
CPESC
MATHEW F. VALLEJOS
No. 9108
3-23-22

ESC-2

Start Date-Finish Date (dates to be marked on site plan by operator)	Construction Activity, BMPs, and location
Initial Phase	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)
Interim Phase	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)
Final Phase	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 the removal

ROLE	COMPANY	REPRESENTATVIE NAME	PHONE	EMAIL
OWNER	ABCWUA	LUIS ORDONEZ	505-289-3216	LORDONEZ@ABCWUA.ORG
OPERATOR	BRADBURY STAMM CONSTRUCTION	DOUG HARNED	505-259-9534	DHARNED@BRADBURYSTAMM.COM
BMP MAINTENANCE	BRADBURY STAMM CONSTRUCTION	DOUG HARNED	505-259-9534	DHARNED@BRADBURYSTAMM.COM
SWPPP INSPECTIONS	GREEN GLOBE ENVIRONMENTAL	TIM SLATUNAS	505-353-2558	TIM@GREENGLOBENM.COM

Nature of Construction Activity:
This project consists of pave an access and perimeter drive for the sifting yard. This project covers approximately 2.5 acres of the ABCWUA Distribution Yard Roadway project. Bradbury Stamm Construction is responsible for all construction Activities including earthwork, infrastructure, utilities, flatwork, and asphalt paving. The activities to occur on-site are consistent with commercial construction.

Project/Site Name: ABCWUA Distribution Roadway Project
Project Street/Location: 5408 2nd St. NW
City: Albuquerque
State: NM
Zip Code: 87107
County: Bernalillo

Project Latitude: 35.13720 **Longitude:** -106.63440

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):_____

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
Gb	Gila loam, 0 to 1 percent slopes mlra 42-1	.55	2.1	100.0%
Totals for Area of Interest			**2.1**	**100.0%**

green globe ENVIRONMENTAL

OPERATOR: BRADBURY STAMM CONSTRUCTION

TOTAL SITE AREA: 2.5 ACRES
TOTAL DISTURBED AREA: 2.5 ACRES

RECEIVING WATERS: ON-SITE RETENTION PONDS

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

ABCWUA DISTRIBUTION YARD ROADWAY

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	03/23/22
CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL CPESC MATHEW F. VALLEJOS No. 9108 3-23-22	ESC-3

NPDES FORM	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 Low Erosivity Waiver Certification	FORM Approved OMB No. 2-4-0004

Waiver Eligibility Information

NPDES ID: NMR1004KR

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"* or a *"Federal Facility"* as defined in Appendix A (https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-a-definitions.pdf)? No

Is construction activity at the project site less than five (5) acres in area? Yes

➔ **Is your rainfall erosivity factor (R-Factor (https://lew.epa.gov)) less than five (5)?** Yes

Low Erosivity Waiver Information

Estimated Project Start Date: 02/28/2022

Estimated Project End Date: 05/31/2022

Estimated Area to be Disturbed (in Acres): 2.5

Construction site's R-Factor 1.95

Rainfall Erosivity factor was calculated using: Online Calculator

Are interim non vegetative site stabilization measures used to establish the project completion date for purposes of obtaining this waiver? Yes

Operator Information

Operator Name: ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

Operator Mailing Address:

Address Line 1: PO BOX 568

Address Line 2:

City: ALBUQUERQUE

ZIP/Postal Code: 87103

State: NM

County or Similar Division: Bernalillo

Operator Point of Contact Information

First Name Middle Initial Last Name: DAVID LAUGHLIN

Title: OWNER

Phone: 505-289-3035 **Ext.:**

Email: DLAUGHLIN@ABCWUA.ORG

Project/Site Information

Project/Site Name: ABCWUA DISTRIBUTION YARD ROADWAY

Project/Site Address

Address Line 1: 5408 2ND ST. NW

Address Line 2:

City: ALBUQUERQUE

ZIP/Postal Code: 87107

State: NM

County or Similar Division: Bernalillo

Latitude/Longitude: 35.137239°N, 106.634917°W

Latitude/Longitude Data Source: Map

Horizontal Reference Datum: WGS 84

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

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: David K. Laughlin

Certifier Title: Chief Engineer

Certifier Email: dlaughlin@abcwua.org

Certified On: 03/04/2022 9:34 AM ET