Quivira Estates Building Phase Temporary Erosion and Sediment Control Plan

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ESC Plan Standard Notes (2023-06-16)

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 2022 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 - In accordance with City Ordinance § 14-5-2-11(C)(1), "at a minimum a routine 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. Final Stabilization and Notice of Termination (NOT) - In accordance with City Ordinance § 14-5-2-11(C)(1), self-inspections must continue until the site is "determined as stabilized by the city." The property owner/operator is responsible for determining when the "Conditions for Terminating CGP Coverage" per CGP Part 8.2 are satisfied and then for filing their Notice of Termination (NOT) with the EPA. Each operator may terminate CGP coverage only if one or more of the conditions in Part 8.2.1, 8.2.2, or 8.2.3 has occurred. After filing the NOT with the EPA, the property owner is responsible for requesting a Determination of Stabilization from the City.

6. When doing work in the City right-of-way (e.g. sidewalk, drive pads, utilities, etc.) prevent dirt from getting into the street. If dirt is present in the street, the street should be swept daily or prior to a rain event or contractor induced water event (e.g. curb cut or water test).

7. When installing utilities behind the curb, the excavated dirt should not be placed in the street.

8. When cutting the street for utilities the dirt shall be placed on the uphill side of the street cut and the area swept after the work is complete. A wattle or mulch sock may be placed at the toe of the excavated dirt pile if site constraints do not allow placing the excavated dirt on the uphill side of the street cut.

9.ESC Plans must show longitudinal street slope and street names. On streets where the longitudinal slope is steeper than 2.5%, wattles/mulch socks or j-hood silt fence shall be shown in the front yard swale or on the side of the street.

Owner/Operator Information

Site Owner (1): Quivera Land LLC

Contact: Tim McNaney

505 322-6027

tmcnaney@twilighthomesnnm.com

Site Owner (2): Take Down LLC

Contact: Tim McNaney

505 322-6027

tmcnaney@twilighthomesnnm.com

Site Operator: Twilight Homes

Contact: Tim McNaney

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Stormwater Team: 814 Solutions

Contact: Gaylen Barnett (Environmental Compliance Manager)

505 382-4828

gaylen@814solutions.com

2nd Contact: Eric Maez (Inspector/Maintenance Manager)

505 401-7843

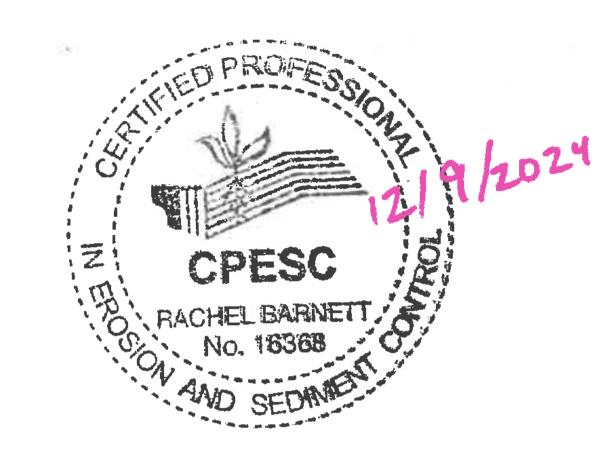
eric@814solutions.com

BMP Installation: 814 Solutions

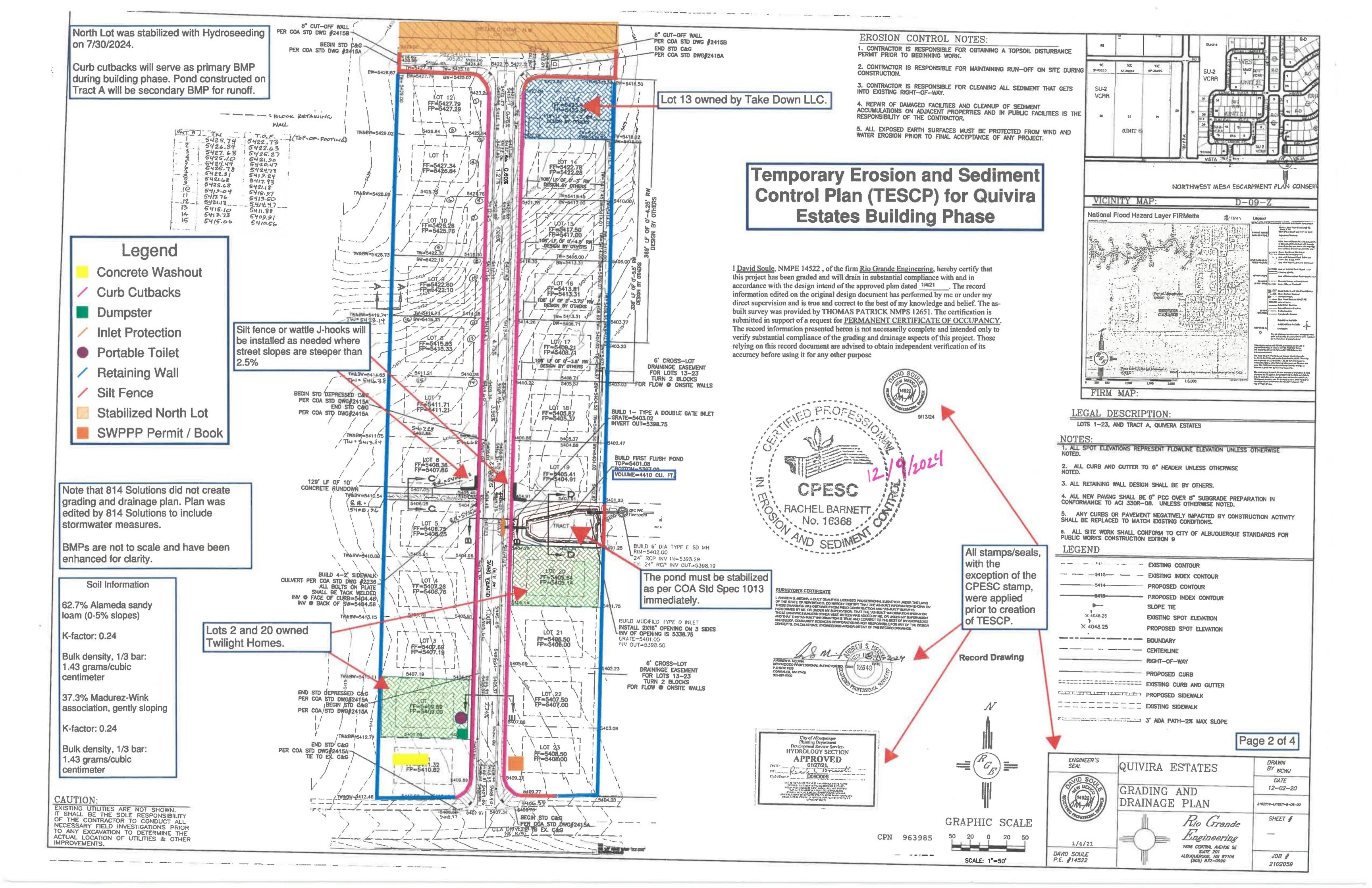
Eric Maez (Inspector/Maintenance Manager)

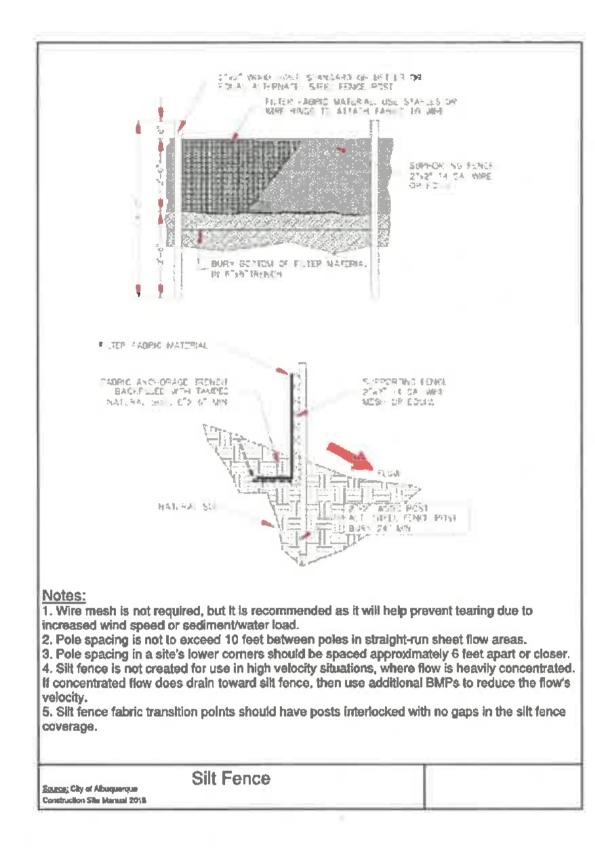
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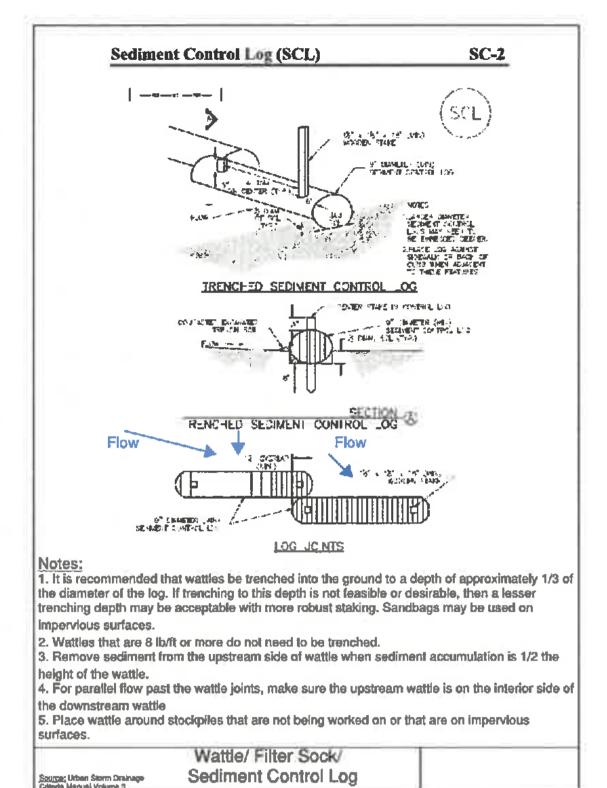
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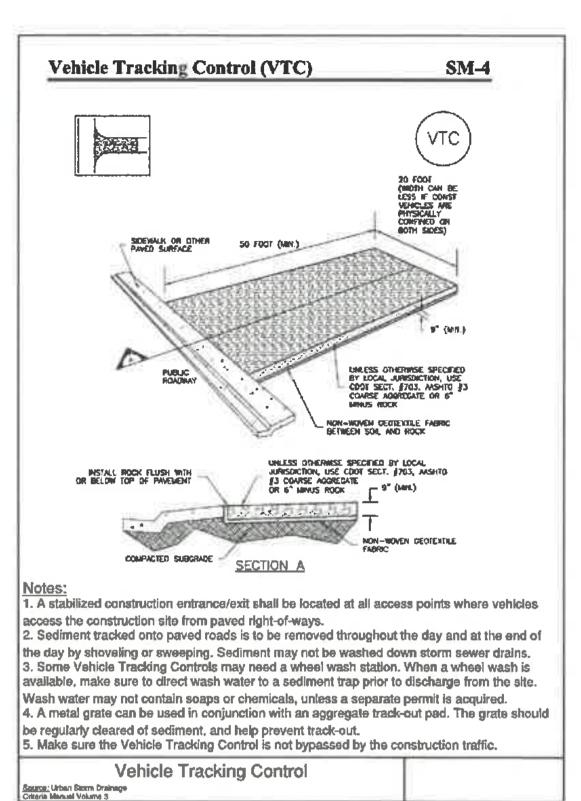




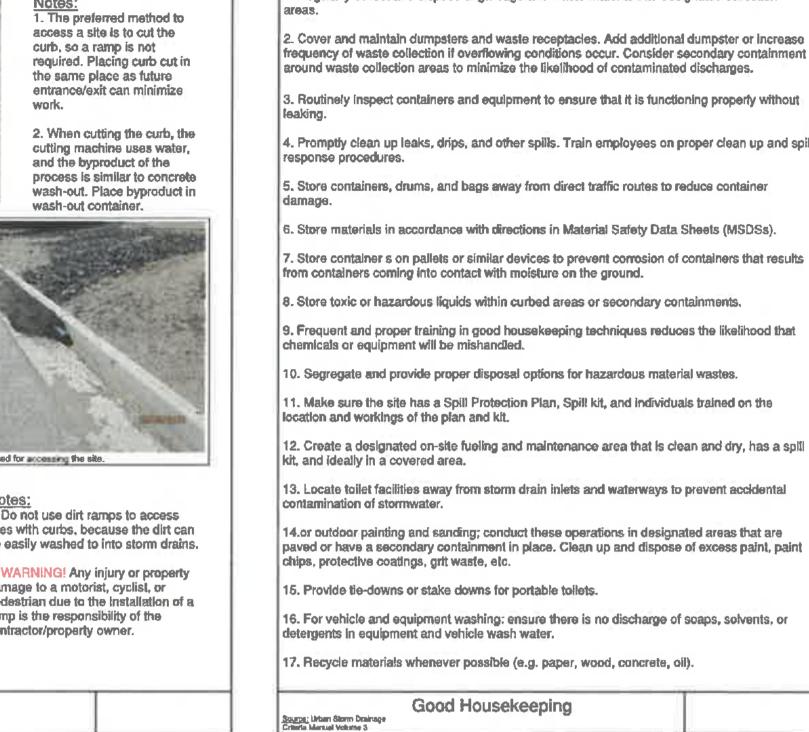


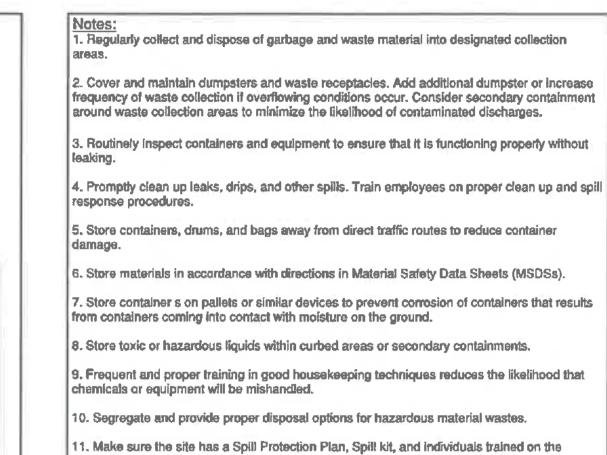


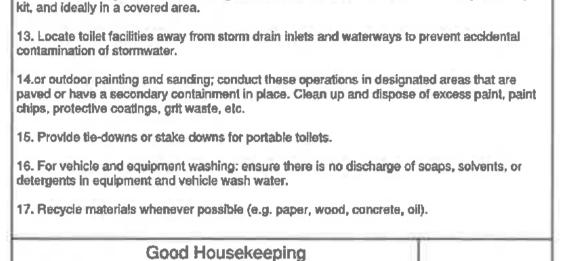














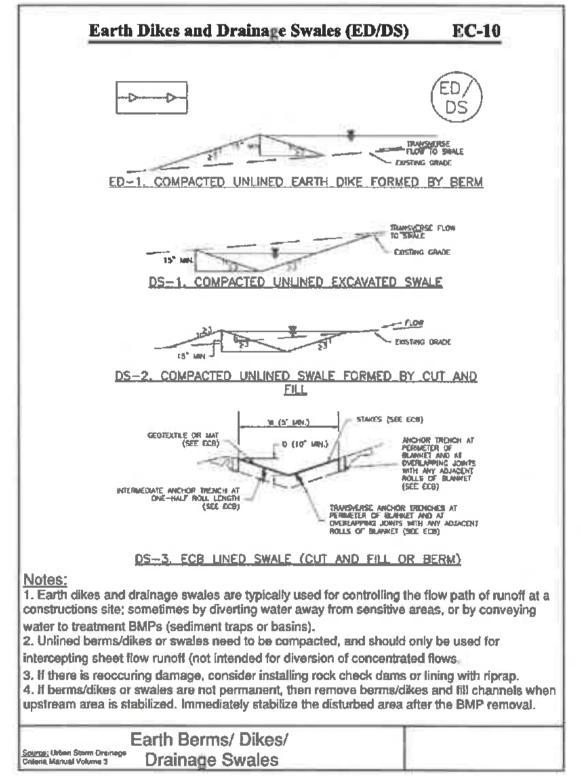
Inlet Protection Part 1

Source: City of Albuquerque

Construction Site Manual 2013

moved by stormwater.







4. A centralized wash-out may be effective for concrete trucks. For stucco, mortar, and paint

. When working in or adjacent to an arroyo or concrete channel, loose soil shall not be stockpiled or left in the low-flow area of the arroyo or channel. A berm or a similar BMP is to be constructed to diver flow into a low-flow area. 2. When working in or adjacent to an arroyo or concrete channel, pollutants (chemicals, debris, waste, etc.) shall not be left in the low-flow area of the arroyo or channel.

3. If there are active storm drains in the work zone, an energy dissipator is to be constructed at the pipe outfall to slow the velocity of the stormwater to less than 3 ft/sec at the end of the dissipater. A plunge pool constructed of large aggregate is the most common energy dissipator. 4. If there is an arroyo or channel draining into the work zone, and energy dissipator is to be constructed upstream of the confluence to slow the velocity of the stormwater to less than 3 ft/sec at the end of the dissipator. There are equations provided by the United States Bureau of Reclamation (USBR) and the Federal Highway Administration (FHWA) for sizing the energy dissipator and the aggregate. 5. If working adjacent to an arroyo or concrete channel, install BMPs to protect against or filter



3. If the concrete/stucco/mortar is

firm when it contacts the soil, then

it is not considered wash-out (not

wet enough to infiltrate into the

. Designated wash-out areas shall be provided for any concrete, stucco, mortar, or paint operations. Wash-outs should be as far away as possible from waters of the U.S., stormwater inlets, or conveyances.

2. "Wash-out shall be directed to leak-proof containers or leak proof and lined pit designed so that no overflows can occur due to inadequate sizing or precipitation." -CGP 2022

wash-outs, a local wash-out and wash-out education has been more successful in avoiding improper wash-outs.

5. Mortar towers shall have a plastic liner beneath them to prevent the wet mortar from contacting the soil. If wet stucco or mortar contacts the ground due to mixing, it would be a compliance issue.

6. If a wash-out occurs on bare soil, the Operator is expected to remove it same day. The wash-out material, as well as the wetted soil, are to be removed and disposed of appropriately.

Arroyo and Channel Stayon; City of Albuquerque Construction

stormwater entering the drainage.

Wash-outs

Mortar lowers with plestic beneath as a BMP.

BMP Information Sheet





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