

Inspector Quantlist Report 20180928

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VIII: Roadside Development
 Title: Storm Water: BMP Inspection

Contractor NOI Number:
ADOT NOI Number:
Contractor ECC Name:
ADOT ECC Name:
Location:
Disturb Acres:
Rain Event:

No	Compliance	Narrative	Reference
0.		The Contractor's Erosion Control Coordinator (ECC) is maintaining the Storm Water Pollution Prevention Plan (SWPPP) along with all completed inspection forms and other required NPDES / AZPDES documentation. EPA 2017 General Construction Permit (CGP) Modified 4.7.2 and 4.7.3	Construction General Permit 6.4
1.		Any changes to the SWPPP are approved by the Engineer and documented in the SWPPP.	Special Provisions 104.09 (B)
2.		Contractor Notice of Intent (NOI) for storm water discharge is posted (projects with ADEQ permits do not require an ADOT NOI). The approval date and ADEQ authorization number must be posted. EPA 2017 CGP Modified 1.5	Special Provisions 104.09 (C)
3.		ADOT Notice of Intent (NOI) for storm water discharge is posted for projects with EPA permits (Indian lands). GCP AZS000018-25-2015 Revised August 2019 Section 7.0	Special Provisions 104.09
4.		The location where the SWPPP may be viewed, and the name and telephone number of a contact person for scheduling viewing is posted with the NOIs at the job-site. ADEQ General Construction Permit EPA 2017 GCP Modified 1.5	Special Provisions 104.09

Inspector Quantlist Report 20180928

5.		The contractor has not exposed an area greater than 750,000 sq. ft. (17.2 acres) at any one location within the project limits until each sub-area has been stabilized, unless otherwise approved by the Engineer and documented in the SWPPP.	Special Provisions 104.09 (B)
6.		Major construction activities/erosion control measures in any sub-area are documented and updated in the SWPPP with copies submitted to the Engineer within three working days of completion.	Special Provisions 104.09 (H)
7.		The contractor is monitoring rainfall with a commercially manufactured rain gauge accurate to within 0.10 inches of rain, with results filed in the SWPPP, with copies submitted to the Engineer weekly. EPA 2017 GCP Modified 4.2.2 ADEQ 2013 CGP 4.2	Special Provisions 104.09 (F) (1)
8.		No clearing, grubbing, earthwork or other work elements affected by the requirements in the SWPPP are started until areas of environmental importance are clearly marked. Storm Water Construction General Permit Part 1.2 EPA 2017 GCP Modified 1.1	Special Provisions 104.09 (A)
9.		Joint inspections by ECC and ADOT are conducted every 14-calendar days, or more frequently as specified in the approved SWPPP. The ECC documents the inspection including the names of individuals present. ADEQ 2013 CGP 4.2 EPA 2017 GCP Modified 4.7 Construction Bulletin 13-02	Special Provisions 104.09 (F) (1)
10.		Joint inspections by ECC and ADOT are conducted within 24 hours of any storm event of 0.50 inch or more. The ECC documents the inspection with the names of the individuals present. ADEQ 2013 CGP 4 EPA 2017 GCP Modified 2.2.2 Construction Bulletin 13-02	Special Provisions 104.09 (F) (1)
11.		Complete and accurate Compliance Evaluation Reports are prepared and signed by the ECC for each inspection, filed in the contractor's SWPPP, with a copy to the Engineer. EPA 2017 GCP Modified 4.7	Special Provisions 104.09 (F) (1)
12.		Maricopa County Only. Track-out pads are used on all projects greater than two acres, or 100 cubic yards or more of bulk materials entering or leaving the site each day.	Maricopa County Rule PP-2011-002
13.		BMPs to intercept upslope run-on water or to protect fill slopes (wattles, sediment logs, silt fence and sediment control berms) are properly installed prior to excavation and embankment activities. Erosion and Pollution Control Manual Chapter 5.1 EPA 2017 GCP Modified 2.1.1	Special Provisions 104.09 (A)
14.		Sedimentation basins are properly constructed, or are redesigned with an explanation of why they were not attainable and included in the SWPPP. Erosion and Pollution Control Manual Chapter 5.3 SC-4	Special Provisions 104.09 (A)

Inspector Quantlist Report 20180928

15.		Sediment in traps, sedimentation ponds or other structural BMPs is removed when capacity is reduced by one third. Erosion and Pollution Control Manual Chapter 5.3 CP-2 EPA 2017 GCP Modified 2.2.12 f	Special Provisions 104.09 (A)
16.		Any direct discharge of sediment into a water course is corrected by the end of the same day or work shift in which it is observed.	Special Provisions 104.09 (F) (2)
17.		Sediment control berms are constructed per plan detail.	Plans Detail Sheet
18.		Mini benches are constructed on all soil and/or rock slopes that per plan, paralalled to contours as the cut is being constructed. (Normally slopes 2:1 or steeper)	Plans Detail Sheet
19.		Sediment logs are installed in accordance with the plans details and secured with 1-inch x 1-inch x 46-inch hardwood stakes placed 2 foot on centers.	Plans Detail Sheet
20.		Sediment logs installed in cut ditches or other drainage channels are perpendicular to the flow of water and continue up the channel side slope a minimum of one foot above the flow line.	Plans Detail Sheet
21.		Rock mulch wedges approximately 12-inch wide and 5-inches high are tamped against both the upstream and downstream sides of sediment logs to prevent undermining.	Plans Detail Sheet
22.		Rock mulch check dams are used in lieu of sediment logs at locations where anchoring with stakes is impractical, i.e., in rocky terrain where stakes cannot be driven. Plan Detail Sheet Erosion and Pollution Control Manual Chapter 5.3 RC-6 SWPPP Approved Plan	Special Provisions 104.09 (A)
23.		Rock mulch check dams are properly constructed at the specified locations, to the dimensions shown on the accepted SWPPP and project plans. Erosion and Pollution Control Manual Chapter 5.3 RC-6	Special Provisions 104.09 (A)
24.		Sediment wattles are installed per the detail shown on the plans, or as directed by the Engineer, and secured with wooden stakes driven a minimum of 12 inches into the soil on at a maximum of 5-foot on center. Plan Detail Sheet Erosion and Pollution Control Manual Chapter 5.3 RC-6 SWPPP Approved Plan	Special Provisions 104.09 (A)
25.		Sediment wattles installed in trenches follow parallel contours (level) across the slope. The excavated trench material is placed against the upstream side and tamped to prevent undermining.(2"-maximum depth).	Plans Detail Sheet
26.		Wheat straw products are certified to be free of noxious weeds by the Arizona Crop Improvement Association (ACIA) or the North American Weed Management Association (NAWMA). Standard Specifications 810-2.06 (C)	Standard Specifications 810-2.05 (B)

Inspector Quantlist Report 20180928

27.		Sand bags when used, are filled with clean, washed decomposed granite (DG) and free of silt/dust; or equivalent clean, washed angular shape aggregate/gravel material per the Special Provisions or in accordance with the SWPPP. Standard Specifications 810-2.04	Standard Specifications 810-2.04
28.		Silt fences are properly installed parallel to horizontal contours, with the filter fabric buried a minimum of 20 inches in a "J" shape, as detailed on the approved SWPPP or project plans. Erosion and Pollution Control Manual Chapter Approved SWPP Plan	Plans Detail Sheet
29.		Complete and accurate certificates of compliance are on file for silt fence components. [Section 915, 1014-1, and 1014-8] Approved SWPP Plan	Standard Specifications 810-2.01
30.		BMPs are properly installed per the plans details, or in accordance with the manufacturer's recommendations. Approved SWPP Plan	Plans Detail Sheet
31.		Certified laboratory test results are on file for compost mulch material's microbiological and nutrient content.	Standard Specifications 810-2.02
32.		BMPs are functioning properly.	Special Provisions 104.09 (B)
33.		There is no evidence that sediment is leaving the site. BMPs are designed for a 2-year, 24-hour storm event. [Storms exceeding this amount should be marked N/A] ADEQ EPA	Construction General Permit
34.		When BMP's or other measures are not functioning properly, they are replaced or adjusted / maintained within 4-calendar days, or prior to the next anticipated storm event (whichever is sooner) and documented in the SWPPP.	Special Provisions 104.09 (F) (2)
35.		Erosion control blanket products are correctly installed. A qualified representative is on site at the start of the installation.	Special Provisions 810-3.05
36.		Certificates of compliance are on file for all erosion control products, including blanket products.	Standard Specifications 810-2.05
37.		Erosion control measures are in place no later than 14 calendar days after construction activity has temporarily or permanently ceased within sub-areas unless otherwise approved by the Engineer and documented in the SWPPP. EPA 2017 GCP Modified	Special Provisions 104.09 (B)
38.		For pipe inlet and outlet protection, headwall and wing wall treatment and check dams; riprap/rock mulch material is angular in shape, a properly placed 1 inch to 2 inches lower than the existing grade on both sides.	Standard Specifications 810-2.03
39.		For cut and fill transitions; Rock riprap/rock mulch is angular in shape and properly imbedded into the finished grade per the plans detail, with the top of riprap 1 inch to 2 inches below finished grade on both sides.	Standard Specifications 810-2.03

Inspector Quantlist Report 20180928

40.		Rock riprap/rock mulch is correctly sized. (Pipe inlet, and outlet protection, headwall and wing wall, and check dams; Gradation "C". Cut and fill transitions; Gradation "A" or "B"). Project Plan Detail Sheets	Standard Specifications 810-2.03
41.		Permanent drainage erosion control measures and scour protection such as riprap are installed as soon as possible after completion of the drainage structure.	Special Provisions 104.09 (B)
42.		Complete and accurate certificates of compliance / material reports are on file for all BMP materials and devices.	Standard Specifications 105.05A
43.		Whenever it is determined that the SWPPP is ineffective in eliminating or significantly minimizing pollutant discharges, or contributing to water quality exceedances, the SWPPP document is amended within 15 business days.	Special Provisions 104.09 (B) (1)
44.		Quantlist Minimum Frequency is being followed, once every two weeks or rain event.	Construction Bulletin 07-01