

US EPA ARCHIVE DOCUMENT

## Appendix B PHOTOGRAPH LOG

City of Mesa, AZ - Municipal Separate Storm Sewer System (MS4)  
(Permit No. AZS000004) Photograph Log  
Evaluated by: Scott Coulson (PG Environmental, LLC)



**Photograph 1: Mountain View Village Center**  
Drainage channel conveys flow into the northeast side of the site, where a silt fence BMP had been improperly implemented in an area of concentrated flow



**Photograph 2: Mountain View Village Center**  
View of drainage channel leading west across the site and earthen check berms installed along this course

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**Photograph 3: Mountain View Village Center**  
Earthen check berm consisting of unconsolidated fill had been placed within the drainage channel and was compromised by a recent flow event



**Photograph 4: Mountain View Village Center**  
Lack of temporary ESC between the large expanse of disturbed construction site area and the flowing drainage channel

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**Photograph 5: Mountain View Village Center**

Lack of temporary ESC between the large expanse of disturbed construction site area and the flowing drainage channel



**Photograph 6: Mountain View Village Center**

Collapsed silt fence BMP installed within the concentrated flow of the drainage channel prior to exiting the site

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**Photograph 7: Mountain View Village Center**  
Sediment and debris were observed in the drainage channel  
above the flow control structure

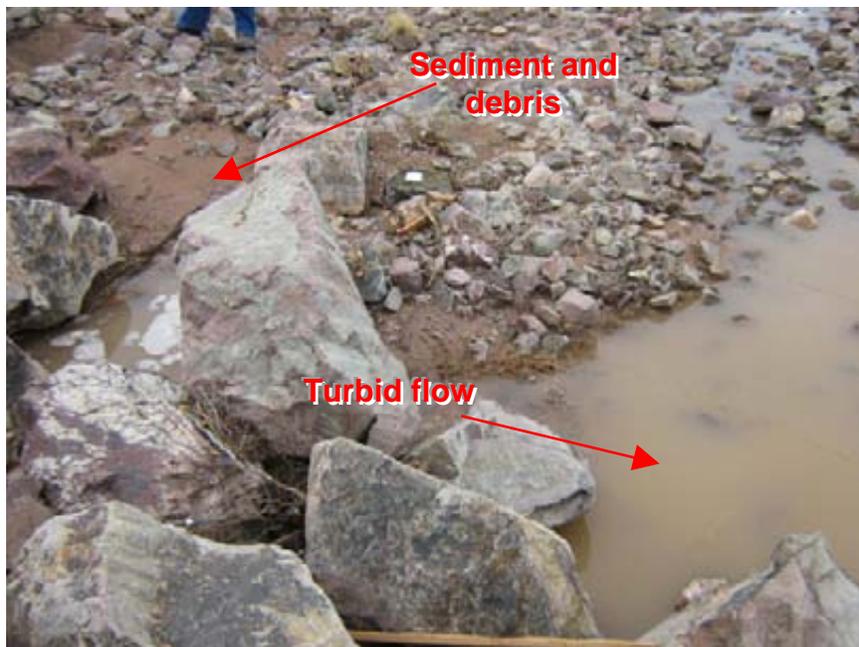


**Photograph 8: Mountain View Village Center**  
Close-up view of area shown in Photograph 7 depicting sediment deposition  
directly downstream of the failed silt fence shown in Photograph 6

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**Photograph 9: Mountain View Village Center**  
View of sediment deposition on the opposite side of the failed silt fence shown in Photograph 6



**Photograph 10: Mountain View Village Center**  
Sediment, debris, and turbid flow were observed in the drainage channel below the flow control structure shown in Photograph 9

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**Photograph 11: Superstition Springs Commerce Center**  
View showing proximity of site to the ADOT Channel and lack of BMPs



**Photograph 12: Superstition Springs Commerce Center**  
BMPs were not implemented as perimeter control along Hampton Avenue, between the disturbed area and the offsite curb and gutter flowline

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**Photograph 13: Superstition Springs Commerce Center**  
Concrete waste was observed outside the containers and one of the two containers was nearing capacity



**Photograph 14: Mesa Municipal Court**  
General view of southern portion of construction site area looking east

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**Photograph 15: Mesa Municipal Court**

Straw wattles were installed on an impervious surface, and therefore were not properly entrenched or anchored to create an adequate seal



**Photograph 16: Mesa Municipal Court**

Sections of the silt fence along the southern perimeter were not maintained with adequate entrenchment

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**Photograph 17: Mesa Municipal Court**  
Concrete waste and washout hose located near mixer



**Photograph 18: Mesa Municipal Court**  
Close-up view of concrete waste shown in background of Photograph 17

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**Photograph 19: Mesa Municipal Court**  
View of uncontrolled concrete waste