Additional comments are provided below. Item numbers refer to the SWMP Checklist which will provide additional information.

STORMWATER	R MANA	GEME	NT PL	_AN	(SWN	<u>//P)</u>	_
THIS STORMWATER MANA	GEMENT PLAN	IS TO BE	RETAINED	AND MA	AINTAINED	ONSIT	ΓE IN

INCLUDING FINAL LANDSCAPING PLANS AND ANY OTHER EROSION CONTROL DOCUMENTATION. A SWMP ADMINISTRATOR WILL BE DESIGNATED BY THE CONTRACTOR AND IS RESPONSIBLE FOR DEVELOPING, IMPLEMENTING, MAINTAINING, AND REVISING THIS SWMP. THE SWMP ADMINISTRATOR IS THE CONTACT FOR ALL SWMP-RELATED ISSUES AND IS RESPONSIBLE FOR ITS ACCURACY, COMPLETENESS, AND IMPLEMENTATION. THE FOLLOWING HAS BEEN DESIGNATED AS THE SWMP ADMINISTRATOR FOR THIS PROJECT:

THE SITE IS LOCATED AT 12050 FALCON HIGHWAY, FALCON, CO 80831, AND AT APPROXIMATELY 38°55'36.21"N LATITUDE, 104°36'10.29"W LONGITUDE. THE PROPOSED PROJECT CONSISTS OF DEMOLITION OF THE EXISTING RUNNING AND BASEBALL TRACKS. PARKING LOT ADJUSTMENTS. UTILITY SERVICE CONNECTIONS. OVERLOT GRADING. BUILDING CONSTRUCTION, STORMWATER INFRASTRUCTURE CONSTRUCTION, PAVING OF ADA PARKING LOTS, ENTRANCE DRIVES, AND UTILITY INFRASTRUCTURE CONSTRUCTION IN THE TOWN OF FALCON, CO. THE TOTAL SITE AREA IS APPROXIMATELY 30.42 ACRES. NO AREAS GREATER THAN 40 ACRES SHALL BE DISTURBED AT ANY GIVEN TIME. NO CONSTRUCTION ACTIVITIES SHALL OCCUR OFFSITE OR OUTSIDE OF THE CONSTRUCTION LIMITS SHOWN ON THE CONSTRUCTION DOCUMENTS. THE SEQUENCE OF CONSTRUCTION STARTS IS AS FOLLOWS:

<u>ESTIMATED</u> CONSTRUCTION START JUNE, 2022 ROAD AND OVERLOT GRADING JULY, 2022 UTILITY CONSTRUCTION JULY, 2022 BUILDING CONSTRUCTION AUGUST, 2022 PAVING JUNE, 2023 SITE RESTORATION AUGUST, 2023

THE EXISTING SITE CONSISTS OF DEVELOPED LAND AND IS APPROXIMATELY 60% COVERED WITH VEGETATIVE (GRASS, SHRUBS, TREES, PERMEABLE SOILS) GROUND COVER. THE ESTIMATED HISTORIC AND DEVELOPED RUNOFF COEFFICIENTS ARE 0.67 AND 0.69, RESPECTIVELY.

OFFSITE RUNOFF FLOWS ONTO THE PROPERTY ALONG THE ENTIRE NORTH SIDE AND ARE DIVERTED TO THE WEST BY SWALES RUNNING ALONG THE NORTH SIDE THE PROPERTY BOUNDARY. OFFSITE FLOWS CAUGHT BY THE SWALE ARE DIRECTED TOWARD A DRAINAGE EASEMENT RUNNING ALONG THE WEST SIDE OF THE SITE. THE HISTORIC CONDITION DOES NOT PROVIDE ONSITE DETENTION, BUT THE DEVELOPED CONDITION WILL PROVIDE ONSITE DETENTION. STORMWATER IS DISCHARGED FROM THIS SITE AT THE SOUTHWEST INTO THE EXISTING CREEK ALONG THE WESTERN BOUNDARY OF THE SITE THAT ULTIMATELY OUTFALLS TO THE BLACK SQUIRREL CREEK.

THER POTENTIAL POLLUTION SOURCES DO NOT EXIST AT THIS SITE. NON-STORMWATER COMPONENTS OF THE DISCHARGE DO NOT EXIST AT THIS SITE.

JHE HYDROLOGIC SOIL GROUP AT THE SITE IS A.

BEST MANAGEMENT PRACTICES FOR STORMWATER MANAGEMENT

NON STRUCTURAL BMPS WILL BE IMPLEMENTED TO THE MAXIMUM EXTENT POSSIBLE. THE UTILIZATION OF NON STRUCTURAL BMPS WILL BE AN ONGOING PROCESS DIRECTED AT PREVENTING EROSION. THE NON STRUCTURAL BMPS WILL RECEIVE CONTINUOUS EMPHASIS THROUGHOUT CONSTRUCTION BECAUSE THEY AVERT PROBLEMS BEFORE THEY OCCUR AND REDUCE THE NEED FOR STRUCTURAL BMPS. NON STRUCTURAL BMPS WILL CONSIST PRIMARILY OF PRESERVATION OF EXISTING MATURE VEGETATION AND TREES, PLANNING AND SCHEDULING CONSTRUCTION ACTIVITIES AIMED AT ACHIEVING THE GOAL OF MINIMIZING EROSION. FURTHERMORE, CONSTRUCTION PERSONNEL WILL BE INSTRUCTED AND SUPERVISED IN CONSTRUCTION METHODS CONSISTENT WITH EROSION PREVENTION

PLANNED STRUCTURAL BMPS FOR EROSION AND SEDIMENT CONTROL ARE SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN. IMPLEMENTING THESE MEASURES SHOULD MINIMIZE NUISANCE SILT AND SEDIMENTATION EXITING THE SITE AND PREVENT CLOGGING EXISTING STORM SEWERS AND STREET GUTTERS. APPLICATION OF THESE BMPS FOR STORMWATER MANAGEMENT ARE FOR CONSTRUCTION PERIODS AND ARE CONSIDERED TEMPORARY. POST-DEVELOPMENT STORMWATER MANAGEMENT IS PROVIDED THROUGH VEGETATED LANDSCAPED AREAS, GRASSED SWALES, RIPRAP PROTECTION, STORM COLLECTION SYSTEM, AND THE UTILIZATION OF A PERMANENT DETENTION AND WATER QUALITY POND.

VEHICLE TRACKING CONTROL (VTC):

Item 10. Potential

associated with

Item 8. Include soil

erosion potential and

impacts on discharge

We have been seeing a lot of blow outs when using straw bales in

ditches after a large rain event.

Consider using straw wattles (or

rock checks) in lieu of straw bales.

pollution sources are

proposed construction

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED AT OCELOT TRAIL. THE CONSTRUCTION ACCESS AND PARKING WILL BE GRADED AND COVERED WITH A CRUSHED STONE BASE COURSE DURING CONSTRUCTION. THE VEHICLE TRACKING CONTROL WILL BE RELOCATED WITH THE CONSTRUCTION ACCESS AS

SILT FENCING (SF) AND SEDIMENT CONTROL LOGS (SCL):

SILT FENCING AND SEDIMENT CONTROL LOGS SHALL BE INSTALLED WITH RESPECT TO PROPOSED DRAINAGE PATTERNS. SILT FENCE AND SEDIMENT CONTROL LOGS SHALL BE CONSTRUCTED ALONG THE PORTIONS OF THE SOUTH, WEST AND EAST SIDES OF THE PROPERTY AND ALONG ANY DRAINAGE AREAS SUBJECT TO EROSION. THE SILT FENCING AND SEDIMENT CONTROL LOGS SHALL BE INSTALLED AT THE DOWNHILL SIDE OF THE EXISTING SLOPES ACROSS THE SITE AND AT ALL POINT DISCHARGE AREAS WHETHER SHOWN OR NOT, SILT FENCE AND SEDIMENT CONTROL LOGS SHALL BE MAINTAINED AS NEEDED THROUGHOUT THE CONSTRUCTION PROCESS. THE TEMPORARY SILT FENCE AND SEDIMENT CONTROL LOGS WILL REMAIN UNTIL THE STORM SEWER STRUCTURES ARE COMPLETED AND GROUND COVER IS EFFECTIVE. 70% of pre-disturbed levels

THE INLET PROTECTION WILL BE INSTALLED AS THE STORM SEWER STRUCTURES ARE CONSTRUCTED. EACH INLET ON THE PROPOSED STORM SEWER SYSTEM WILL HAVE A TEMPORARY INLET SEDIMENT TRAP CONSTRUCTED AROUND IT. IN PAVED AREAS, THIS TRAP CONSISTS OF WIRE MESH SOCKS, CONCRETE BLOCKS, AND/OR SCREENS TO FILTER THE STORM RUNOFF AND ALLOW ANY SILT TO SETTLE OUT. IN FIELDS OR LANDSCAPED AREAS THIS TRAP CONSISTS OF WIRE MESH SOCKS AND STRAW BALE BARRIERS.

STRAW BALE DROP STRUCTURES DAMS (SB):

STRAW BALE BARRIERS WILL BE INSTALLED TO PROTECT THE PROPOSED SWALE(S) PRIOR TO LANDSCAPING THE SITE. THESE BARRIERS WILL REDUCE THE FLOW VELOCITY IN THE SWALE(S) AND ALLOW THE DISTURBED SOIL TO SETTLE OUT.

ROCK CHECK DAMS (RCD):

ROCK CHECK DAMS WILL BE INSTALLED AS SHOWN AND MAINTAINED AT LOCATIONS AROUND THE SITE WHERE FUTURE GRASS LINES SWALES WILL CARRY THE STORM RUNOFF. PRIOR TO LANDSCAPING OF THE SITE, THESE BARRIERS WILL REDUCE THE FLOW VELOCITIES IN THESE SWALES AND ALLOW THE DISTURBED SOIL TO SETTLE OUT. THE ROCK CHECK DAMS WILL BE LEFT IN PLACE AS PART OF THE PERMANENT STORMWATER MANAGEMENT PLAN.

OUTLET PROTECTION (OP):

THE STORM SEWER OUTLETS WILL BE PROTECTED WITH RIPRAP. PLACING RIPRAP AT PIPE OUTFALLS REDUCES EXIT VELOCITIES AND REDUCES SCOUR. THIS RIPRAP WILL BE LEFT IN PLACE AS PART OF THE PERMANENT STORMWATER MANAGEMENT PLAN.

ALL OPEN AREAS WILL BE TREATED WITHIN 14 DAYS OF COMPLETION OF THE OVERLOT GRADING. ALL OVERLOT GRADING IN THE NON-IRRIGATED AREAS WILL HAVE THE SURFACE ROUGHENED AND WILL BE PERMANENTLY LANDSCAPED OR TEMPORARILY SEEDED UNTIL THE PLANNED INSTALLATIONS ARE COMPLETED. AT THE COMPLETION OF THE MASS GRADING, ALL EXPOSED SOIL AREAS WILL HAVE THE SURFACE ROUGHENED AND PLANTED WITH A REVEGETATION SEED MIX. VEGETATION IS TO BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR UNTIL AREAS ARE PERMANENTLY LANDSCAPED. ALTERNATELY, ROUGH-CUT DRIVEWAYS OR PROPOSED PAVED AREAS CAN BE COVERED WITH A LAYER OF AGGREGATE, ROAD BASE OR ASPHALT PAVING.

DISTURBED AREAS NOT YET READY TO BE SEEDED, LANDSCAPES, PAVED, OR OTHERWISE STABILIZED SHALL BE WATERED, OR RIPPED AS NECESSARY TO PRECLUDE VISIBLE DUST EMISSIONS. (i.e. VTC)

ITEMS ARE SCHEDULED TO BE IMPLEMENTED ACCORDING TO THE CONSTRUCTION SCHEDULE. AS WORK PROCEEDS, IMPLEMENTATION OF INDIVIDUAL BMPS IS TO COINCIDE WITH THE CONSTRUCTION THEREBY MINIMIZING THE EXPOSURE OF UNPROTECTED AREAS. THE SILT-FENCE, INLET PROTECTION (FOR EXISTING INLETS), AND GRAVELING OF THE CONSTRUCTION ENTRANCE WILL BE PERFORMED WHEN THE GRADING BEGINS. THE INLET PROTECTION WILL BE INSTALLED AS THE STORM SEWER STRUCTURES ARE CONSTRUCTED. THE RIPRAP PROTECTION WILL BE INSTALLED AS THE STORM SEWER OUTFALLS OR CULVERTS ARE CONSTRUCTED. THE STRUCTURAL BMPS THAT DO NOT BECOME PART OF THE PERMANENT STORMWATER MANAGEMENT PLAN ARE TO BE REMOVED, AS THE PAVING, LANDSCAPING, AND OTHER PERMANENT GROUNDCOVER INSTALLATIONS ARE COMPLETED. FUGITIVE DUST EMISSIONS RESULTING FROM GRADING ACTIVITIES AND/OR WIND SHALL BE CONTROLLED USING THE BEST AVAILABLE CONTROL TECHNOLOGY AS DEFINED BY THE COLORADO DEPARTMENT OF HEALTH AT THE TIME OF GRADING. THE GRAVELING IS TO BE MAINTAINED AND EXTENDED CONSTRUCTION PROGRESSES ESPECIALLY AROUND THE BUILDING SITE. THE

THE FROSION AND SEDIMENT CONTROL PLAN MAY BE MODIFIED BY THE SCHOOL DISTRICT 49, FL PASO COUNTY, DEPARTMENT OF HIGHWAYS AND TRANSPORTATION, OWNER'S ENGINEER, COUNTY ENGINEERING INSPECTORS, OR ITS AUTHORIZED REPRESENTATIVE AS FIELD CONDITIONS WARRANT.

STRUCTURAL BMPS ARE TO BE REMOVED. AS THE PERMANENT LANDSCAPING INSTALLATIONS ARE COMPLETED.

STORMWATER DETENTION AND WATER QUALITY:

STORMWATER DETENTION IS PROVIDED ONSITE. WATER QUALITY TREATMENT IS PROVIDED BY USE OF A WATER QUALITY CAPTURE VOLUME PER MILE HIGH FLOOD DISTRICT RECOMMENDATIONS ONSITE. AS PART OF THE CONSTRUCTION PHASE A TEMPORARY SEDIMENT BASIN IS PROPOSED, SEE EROSION CONTROL PLAN LAYOUT FOR THE LOCATION OF THE TEMPORARY SEDIMENT BASIN.

TEMPORARY SEEDING AND MULCHING:

ALL SEEDS FURNISHED SHALL BE FREE FROM NOXIOUS SEEDS (SUCH AS RUSSIAN OR CANADIAN THISTLE, COURSE FESCUE, EUROPEAN BINDWEED, JOHNSON GRASS, KNAPWEED, AND LEAFY SPURGE). THE FORMULA USED FOR DETERMINING THE QUALITY OF PURE LIVE SEED (PLS) SHALL BE (POUNDS OF SEED) X (PURITY) X (GERMINATION) = POUNDS OF PURE LIVE SEED (PLS). SEEDING RECOMMENDATIONS ARE PROVIDED BELOW, BUT MAY BE MODIFIED WITH THE OWNER'S APPROVAL TO MAKE THE BEST USE OF EXISTING CLEARINGS AND GRUBBINGS:

COMMON NAME WESTERN WHEATGRASS AGROPYRON SMITHI ARRIBA ARRHENATHERUM ELATES TALL OATGRASS PENNFINE LOLIUM PERENNE PERENNIAL RYEGRASS

ALL SEEDS SHALL BE DRILLED NOT HYDROSEEDED. ALL DISTURBED AREAS SHALL BE SEEDED AND CRIMP MULCHED IF PERMANENT VEGETATION IS NOT IMMEDIATELY INSTALLED. AFTER SEEDING HAS BEEN COMPLETED, A RATE OF 4,000 LBS. OF STRAW PER ACRE SHALL BE APPLIED UNIFORMLY, CRIMPED IN WITH A CRIMPER OR OTHER APPROVED EQUIPMENT OR OTHERWISE ATTACHED. A TACKIFIER OR JUTE NETTING TO ATTACH MULCH MAY BE USED WITH THE OWNER'S APPROVAL. THE SEEDED AREA SHALL BE CRIMPED MULCHED AND THE MULCH ATTACHED WITHIN TWENTY-FOUR (24) HOURS AFTER SEEDING. AREAS NOT MULCHED AND ATTACHED WITHIN TWENTY-FOUR (24) HOURS AFTER SEEDING MUST BE RESEEDED WITH THE SPECIFIED MIX AT THE CONTRACTOR'S EXPENSE, PRIOR TO MULCHING AND ATTACHING. ON STEEP SLOPES OR OTHER SPECIFIED AREAS AS SHOWN ON THE PLANTING PLAN, WHICH ARE DIFFICULT TO MULCH AND ATTACH BY CONVENTIONAL METHOD, BURLAP OR OTHER BLANKETING MATERIALS PROPERLY ANCHORED AND SECURED MAY BE USED WHEN APPROVED BY THE COUNTY ENGINEER.

RIPRAP FOR STORM DRAIN OUTFALLS WILL BECOME PART OF THE PERMANENT STORMWATER MANAGEMENT PLAN AND WILL NOT BE REMOVED. PERMANENT LANDSCAPING WILL INCLUDE SODDING AND SEEDING IN OPEN AREAS, SHRUBS, OR OTHER VEGETATIVE COVER IN OPEN AREAS, AND LANDSCPAPING FEATURES IDENTIFIED BY THE LANDSCAPE ARCHITECT. NATIVE PERENNIAL SEEDING WILL BE ESTABLISHED IN NON-IRRIGATED AREAS AND SOD OR OTHER VEGETATIVE COVER WILL BE ESTABLISHED IN IRRIGATED OPEN AREAS. ALL PERMANENT STABILIZATION MEASURES WILL BE SPECIFIED BY THE LANDSCAPE ARCHITECT OR

MATERIALS AND SPILL PREVENTION: Item 11. Please include a spill response plan and procedures

THE CONTRACTOR WILL STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN CONFINED AREAS ON SITE FROM WHICH RUNOFF WILL BE CONTAINED AND & FILTERED. MATERIALS WILL BE STORED OFF THE GROUND AND PROTECTED FROM THE WEATHER BY A COVER OR STORED IN A CONTAINER SUCH AS A VAN OR TRAILER. AN EARTHEN DIKE WILL BE CONSTRUCTED AROUND THE PERIMETER OF THE FUEL STORAGE AREA TO PREVENT MATERIALS FROM CONTACT WITH SURFACE RUNOFF. EQUIPMENT MAINTENANCE WILL BE PERFORMED IN A DESIGNATED AREA AND STANDARD MAINTENANCE PROCEDURES, SUCH AS THE USE OF DRIP PANS, WILL BE USED TO CONTAIN PETROLEUM PRODUCTS.

every 14 days and after each rain event or snowmelt event that causes surface erosion

Item 9. Please include

method for determining

aerial inspection)

ground cover (i.e., visual,

THE EROSION CONTROL MEASURES WILL BE INSPECTED DAILY DURING CONSTRUCTION BY THE CONTRACTOR AND AFTER EACH RAIN EVENT. ALL INSPECTIONS SHALL BE DOCUMENTED AND SHALL INCLUDE THE DATE OF INSPECTION, ANY INCIDENCE OF NON-COMPLIANCE, SIGNED CERTIFICATION THAT THE SITE IS IN COMPLIANCE, AND ANY NOTES, DRAWINGS, MAPS, ETC. PERTAINING TO REPAIRS. COPIES OF ALL DOCUMENTATION SHALL BE DISTRIBUTED TO MUNICIPALITIES AND OWNER ON A REGULAR BASIS AS SPECIFIED BY OWNER. SILT FENCE AND STRAW BALE BARRIERS WILL BE CHECKED FOR UNDERMINING AND BYPASS AND REPAIRED OR EXPANDED AS NEEDED. SEDIMENT SHOULD BE REMOVED FROM INLET FILTERS AND SILT FENCING BEFORE ONE HALF OF THE DESIGN DEPTH HAS BEEN FILLED. SEDIMENTS DEPOSITED IN THE PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY. THE TEMPORARY VEGETATION OF BARE SOILS WILL BE CHECKED REGULARLY AND AREAS WHERE IT IS LOST OR DAMAGED WILL BE RESEEDED. AT MINIMUM THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL BMPS EVERY 14 DAYS AND AFTER SIGNIFICANT PRECIPITATION OR SNOWMELT EVENTS. INSTALLATIONS AND MODIFICATIONS AS REQUIRED BY THE STATE OF COLORADO. AND EL PASO COUNTY WILL BE IMPLEMENTED WITHIN 48 HOURS OF NOTIFICATION. CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL MEASURES AND REPAIR AREAS AS REQUIRED AFTER VEGETATION IS ESTABLISHED AND ACCEPTED BY OWNER AND MUNICIPALITY. and County

FINAL STABILIZATION AND LONG-TERM STORMWATER QUALITY: FINAL STABILIZATION IS REACHED WHEN ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% OR PRE-DISTURBANCE LEVELS OR EQUIVALENT PERMANENT, PHYSICAL EROSION REDUCTION METHODS HAVE BEEN EMPLOYED. FINAL STABILIZATION WILL BE ACHIEVED USING SOD, NATIVE SEEDING, PERMANENT BMP'S, AND OTHER METHODS. CONTRACTOR SHALL BE

Item 22. Include a short discussion about the proposed structural and nonstructural water quality control measures.

Item 26. Add a note stating that this project does not rely on control measures owned or operated by another entity.

RESPONSIBLE FOR FINAL STABILIZATION REGARDLESS OF ACCEPTANCE BY OWNER OF THE CONTRACTOR ITEM.

SCHOOL DISTRICT 49 NOTES:

STANDARD STORMWATER MANAGEMENT PRACTICES REQURED BY THE DISTRICT, OR LOCAL JURISDICTION, SHALL NOT BE CONSTRUED AS A CHANGE IN CONDITION, AND MUST BE BUDGETED AS PART OF THE OVERALL CONTRACT BID. IN NO CIRCUMSTANCES SHALL STORMWATER MANAGEMENT CONTROL MEASURE INSTALLATION, INSPECTION, OR MAINTENANCE BE CONSIDERED A CHANGE IN CONDITION. THE CONTRACTOR WILL NEED TO PROVE EXTENUATING CIRCUMSTANCES TO CLAIM STORMWATER MANAGEMENT AS A CHANGE IN CONDITION.

THE DISTRICT REQUIRES THAT THE INSPECTION FREQUENCY OCCUR EVERY 7 DAYS. THE DISTRICT DOES NOT ALLOW INSPECTION FREQUENCIES TO OCCUR EVERY 14 DAYS WITH POST-STORM INSPECTIONS.

SCHOOL DISTRICT 49 REQUESTS THAT ALL CORRESPONDENCE REQUIRED FOR STORMWATER COMPLIANCE MEASURES. INCLUDING INSPECTION REPORTS. BE FORWARDED TO THEM FOR REVIEW.

THE SITE WILL NOT BE RELEASED UNTIL ACCEPTABLE 70% FINAL STABILIZATION IS ACHIEVED.

PERMIT REQUIREMENTS:

CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL PERMIT REQUIREMENTS. PERMIT REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: ESTABLISH THE PERMITTED AREA WITH ENOUGH ROOM TO WORK AND STAGE CONTRUCTION MATERIAL. STORING CONSTRUCTION MATERIALS OUTSIDE OF PERMITTED AREAS CAN RESULT IN AN OFF-SITE DISCHARGE FINDING. A STORMWATER MANAGEMENT PLAN (SWMP) MUST BE DEVELOPED AND REFLECT CURRENT CONDITIONS. CONTROL MEASURES MUST BE MAINTAINED IN OPERATIONAL CONDITION. DETAILS OF ALL CONTROL MEASURES MUST BE DOCUMENTED

AND UPDATED AS NEEDED. REQUIREMENTS OF THE PERMIT MUST BE IMPLEMENTED AND MAINTAINED UNTIL 70% STABILIZATION IS ACHIEVED.

NON-STANDARD MS4 PERMIT REQUIREMENTS:

IF THE SITE FALLS OUT OF COMPLIANCE WITH EITHER THE CONSTRUCTION PERMIT OR NON-STANDARD MS4 REQUIREMENTS, THE FREQUENCY OF INSPECTIONS WILL ESCALATE UNTIL COMPLIANCE IS ACHIEVED. IF NON-COMPLIANCE CONTINUES, RETENTION OF PAYMENT MAY RESULT. ANY FINES RESULTING FROM NON-COMPLIANT CONSTRUCTION STORMWATER MANAGEMENT ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

> How will runoff be contained and what type of filter? I dont think this level of treatment is necessary with vour typical construction materials and equipment.

Item 12. Note that this project does not anticipate utilizing batch plants in the SWMP text

Item 13. Discuss inspection procedure for checking waste disposal bins for leaks and overflowing capacity. And discuss frequency that they will be emptied (or at what level of capacity would trigger the need to be emptied)

Item 16. Include a description of all stream crossings located within the project area or statement that no streams cross the project area

Item 21. Add text stating that the SWMP should be viewed as a "living document" that is continuously being reviewed and modified as a part of the overall process of evaluating and managing SW quality issues at the site. The QSM shall amend the SWMP when there is a change in design, construction, O&M of the site which would require the implementation of new or revised BMPs or if the SWMP proves to be ineffective in achieving the general objectives of controlling pollutants in SW discharges associated with construction activity or when BMPs are no longer necessary and are removed.

installed prior to the start of construction

discuss the temporary

sediment basin

9 SOUTH TEJON ST., SUITE 300 OLORADO SPRINGS, CO. 80903 TELE. 719-471-7566 FAX: 719-471-1174 www.rtaarchitects.com

SWMP NOTES

RTA PROJECT NUMBER

SWMP Plan_V1.pdf Markup Summary

8/6/2022 3:52:33 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 3:52:33 PM

Status: Color: ■ Layer: Space: Item 9. Please include method for determining ground cover (i.e., visual, aerial inspection)

8/6/2022 3:53:14 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 3:53:14 PM

Status: Color: ■ Layer: Space: Item 10. Potential pollution sources are associated with proposed construction

8/6/2022 3:54:00 PM (1)



Subject: Engineer
Page Label: CE1.9
Author: dotprete

Date: 8/6/2022 3:54:00 PM

Status: Color: ■ Layer: Space: Item 8. Include soil erosion potential and impacts on discharge

8/6/2022 3:56:44 PM (1)

ARGE AREAS WHE ESS. THE TEMPO IS EFFECTIVE.

Subject: Line Page Label: CE1.9 Author: dotprete

o). Statu

Date: 8/6/2022 3:56:44 PM **Status: Color:** ■

Layer: Space:

8/6/2022 3:58:06 PM (1)

ONTROL LOS SHALL BE INSTALLED WITH RE ALONG THE PORTIONS OF THE SOUTH, WEST S AND SEDIMENT CONTROL LOSS SHALL BE IT AS WHETHER SHOWN OR NOT, SLIT FENCE AND SEDIMENT COITIVE. 70% of pre-disturbed levels

Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 3:58:06 PM

Status: Color: ■ Layer: Space: 70% of pre-disturbed levels

8/6/2022 4:01:18 PM (1)

EDED, LANDSCAPES, PAVED, (i.e. VTC) CCORDING TO THE CONSTRU MINIMIZING THE EXPOSURE OF ANCE WILL BE PERFORMED W D. THE RIPRAP PROTECTION Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:01:18 PM

Status: Color: Layer: Space:

(i.e. VTC)

8/6/2022 4:01:46 PM (1)

Subject: Line Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:01:46 PM

Status: Color: Layer: Space:

8/6/2022 4:01:51 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:01:51 PM

Status: Color: Layer: Space:

installed prior to the start of construction

8/6/2022 4:03:00 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:03:00 PM

Status: Color: Layer: Space:

We have been seeing a lot of blow outs when using straw bales in ditches after a large rain event. Consider using straw wattles (or rock checks) in lieu of straw bales.

8/6/2022 4:16:18 PM (1)

Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:16:18 PM

Status: Color:

Layer: Space:

8/6/2022 4:16:21 PM (1)

MATERIALS / OR TRAILER.

SURFACE RI

Subject: Engineer THE CONTRA Page Label: CE1.9 FILTERED. | Author: dotprete

Date: 8/6/2022 4:16:21 PM

Status: Color: Layer: Space:

8/6/2022 4:17:35 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:17:35 PM

Status: Color: Layer: Space: How will runoff be contained and what type of filter? I dont think this level of treatment is necessary with your typical construction materials

and equipment.

8/6/2022 4:17:48 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:17:48 PM

Status: Color: ■ Layer: Space: Item 11. Please include a spill response plan and procedures

8/6/2022 4:19:31 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:19:31 PM

Status: Color: ■ Layer: Space: every 14 days and after each rain event or snowmelt event that causes surface erosion

8/6/2022 4:19:50 PM (1)

) MAINTENANCE PROCEDURES, SUCH

Subject: Line Page Label: CE1.9 Author: dotprete

AND AFTER EACH RAIN-EVENT. ALL
ICE, SIGNED CERTIFICATION THAT THE
FATION SHALL BE DISTRIBUTED TO MI
L. BE CHECKED FOR UNDERMINION AT
CINC BEFORE ONE HALF OF THE DES

Date: 8/6/2022 4:19:50 PM

Status: Color: Layer: Space:

8/6/2022 4:20:10 PM (1)

Subject: Line
Page Label: CE1.9
ED DAILY DL Author: dotprete

ATE OF INSP

Date: 8/6/2022 4:20:10 PM

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8/6/2022 4:21:20 PM (1)

REQUIRED BY THE S'
MPORARY EROSION CO
Y. and County

Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:21:20 PM

VECETATIVE COVER H

Status: Color: Layer: Space: and County

8/6/2022 4:23:43 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:23:43 PM

Status: Color: ■ Layer: Space: Item 22. Include a short discussion about the proposed structural and nonstructural water quality control measures.

Item 26. Add a note stating that this project does not rely on control measures owned or operated by another entity.

8/6/2022 4:24:24 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:24:24 PM

Status: Color: ■ Layer: Space: Item 12. Note that this project does not anticipate utilizing batch plants in the SWMP text

Item 13. Discuss inspection procedure for checking waste disposal bins for leaks and overflowing capacity. And discuss frequency that they will be emptied (or at what level of capacity would trigger the need to be emptied)

Item 16. Include a description of all stream crossings located within the project area or statement that no streams cross the project area

Item 21. Add text stating that the SWMP should be viewed as a "living document" that is continuously being reviewed and modified as a part of the overall process of evaluating and managing SW quality issues at the site. The QSM shall amend the SWMP when there is a change in design, construction, O&M of the site which would require the implementation of new or revised BMPs or if the SWMP proves to be ineffective in achieving the general objectives of controlling pollutants in SW discharges associated with construction activity or when BMPs are no longer necessary and are removed.

8/6/2022 4:31:32 PM (1)



Subject: Engineer Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:31:32 PM

Status: Color: Layer: Space: The SWMP should be a stand alone document, in accordance with ECM Appendix I.4.1 Once approved, it should be printed out and kept onsite for the duration of the construction. During construction it should be marked up to reflect changes in the field.

During each County Stormwater inspection, our inspectors will review the SWMP and note any deficiencies. It would be very helpful to our inspectors if you could reformat the SWMP so that it is on 8.5 x 11 paper so that it is easily legible. The SWMP will also require a Cover Sheet, Table of Contents, and Appendices. See attached SWMP example with all necessary appendices

Additional comments are provided below. Item numbers refer to the SWMP Checklist which will provide additional information.

8/6/2022 4:35:39 PM (1)



Subject: File Attachment Page Label: CE1.9 Author: dotprete

Date: 8/6/2022 4:35:39 PM

Status: Color: Layer: Space:

8/6/2022 4:41:07 PM (1)

Subject: Stormwater Comments Color

Page Label: CE1.9
Author: dotprete

Date: 8/6/2022 4:41:07 PM

Status: Color: Layer: Space:

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Subject: Engineer Page Label: CE1.9 Author: dotprete

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Status: Color: ■ Layer: Space: discuss the temporary sediment basin