# Stormwater Quality Plan Information Sheet

# and Inspection Fee Schedule

Project Name: Mu	rphy Express		
-	dress or major cross stree	ets/arroyo)	
	ontgomery Boulevard NE	• •	
Plan Preparer Inform	ation:		
Company: Pan Amer	rican Engineers, LLC		
Contact: Ron Bord	elon		
Alexandr	ia, LA 71301		
		Cell (optional))	
		( 1 // <u></u>	
<b>Owner Information</b> :			
Company: Murphy C	Oil USA, Inc.		
Contact: Terry Rig	gdon		
Address: 200 Peac	h Street, El Dorado, AR	71730	
Phone: <u>870-881-67</u>	86		
e-Mail: Terry.Rigdo			
I am submitting the E	SC plan to obtain appro	oval for:	
•	ing PermitWork Ord	der Construction Plans	
Note: More than one item ca	an be checked for a submittal		
Stormwater Quality In	nspection fee: (based on de	evelopment type and disturbed	area)
Commercial	< 2 acres \$300 X	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	<5 acres \$500	5 to 40 acres \$1000 🗖	> 40 acres \$1500
Residential			
Plan Review fee is \$105	5 for the first submittal	and \$75.00 for a result	omittal 🗖
Total due equals the pla	an review fee plus the Sto	ormwater Quality Inspecti	on fee.
<b>Total Due \$_405</b>			
If you have questions, please Rev May 2019	e contact Curtis Cherne, Storn	nwater Quality 924-3420, cche	erne@cabq.gov



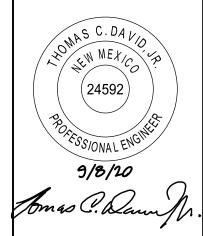
### DISTURBED AREA:

. TOTAL SITE AREA = 0.92 ACS. 2. DISTURBED AREA = 1.00 ACS.

THE LOCATION OF THE SILT FENCE AND CONSTRUCTION FENCE ON THE DRAWINGS IS FOR GRAPHICAL REPRESENTATION ONLY THE CONTRACTOR IS TO ENSURE THAT THE SILT FENCE AND CONSTRUCTION FENCE ENCOMPASSES THE ENTIRE WORK AREA.

#### GENERAL EROSION NOTES

- A. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- B. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- C. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- D. CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE
- E. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWNSTREAM
- F. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- G. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL
- H. DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- I. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR
- J. ALL DENUDED/BARE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE. MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY.
- K. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATIONS AS PROVIDED.
- M. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- N. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- O. ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- P. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- Q. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- R. GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.



Cable Pedstal Electric Pedstal Utility Vault Traffic Box Telephone Pedestal Utility Box

Fiber Optic Box Light Pole Bollard

O Control Point

Concrete Symbol R.T.D.M. Raised Truncated Dome Ma

BOUNDARY LINE — — — XX— — — CONTOUR ELEVATIONS — CONSTRUCTION FENCE — > — > — DRAINAGE FLOW LIMIT OF DISTURBED AREA

SOIL TYPE DESIGNATION

PROJECT INFORMATION

PROPOSED

**EXISTING** 

Storm Drain Manhole

Sanitary Sewer Line

——COM — Underground Communications Line

Sanitary Sewer Clean-out

Storm Drain Inlet

\_\_\_\_E \_\_\_ Underground Electric line

Water Meter

Water Valve

———G —— Underground Gas Line

Sanitary Sewer Manhole

RECEIVING WATER IS THE CITY DRAINAGE SYSTEM. DRAINAGE SYSTEM EVENTUALLY CONNECTS TO TIJERAS ARROYO ±2.3 MILES SOUTH OF PROJECT

PROPOSED PROJECT SITE MADE UP OF 1 COMMERCIAL LOT. STORM RUN-OFF FROM SITE WILL SHEET FLOW TO STREET DRAINAGE. PROPOSED PROJECT IS CONSTRUCTING A GAS STATION CONSISTING OF

2,824 S.F. CONVENIENT STORE WITH 8 PUMP ISLANDS AND ASSOCIATED PARKING AREA. ANTICIPATED CONSTRUCTION START DATE IS MAY 17, 2021 AND COMPLETION

DATE IS AUGUST 9, 2021. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO KEEP SEDIMENT FROM ESCAPING SITE AND ALL ACCUMULATED SEDIMENT SHALL BE CLEANED OUT AND REMOVED FROM SITE.

DOWNSTREAM CONDITION WILL NOT BE NEGATIVELY AFFECTED BY PROPOSED DEVELOPMENT.

### EROSION DETAILS - SEE DETAIL SHEET C-4.3

CE STABILIZED CONSTRUCTION ACCESS

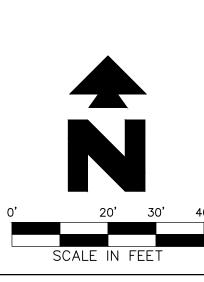
CW CONCRETE WASH OUT AREA

DC DUST CONTROL (USING: PHASING OF THE PROJECT,

STABILIZATION, SPRINKLING WATER, SPRAY-ON-ADHESIVE, CALCIUM CHLORIDE, BARRIES, ETC.)

TS TEMPORARY STABILIZATION STOCKPILE

SITE SOILS



0

24 HR EMERGENCY CONTACT: TERRY RIGDON 870-866-7457

EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND

GC SHALL NOT BLOCK FIRE HYDRANT WITH

CONSTRUCTION FENCE OR SILT FENCE

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THI INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES."

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ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AS REQUIRED BY THE ENGINEER, PLANS, AND CITY REPRESENTATIVE. SILTATION CONTROL MEASURES SHALL BE INSPECTED PER THE NPDES PERMIT REQUIREMENTS. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY AND NO FURTHER WORK WILL PROCEED UNTIL SAID DEFICIENCIES ARE CORRECTED TO THE CITY ENGINEER'S APPROVAL.

#### SEQUENCE OF CONSTRUCTION

MONTGOMERY BOULEVARD N.E.

PHASE | 1. INSTALL PERIMETER CONSTRUCTION FENCE. INSTALL STABILIZED CONSTRUCTION ENTRANCES. PREPARE TEMPORARY PARKING AND STORAGE AREA.

4. CONSTRUCT THE SILT FENCES ON THE SITE. . INSTALL ALL PERIMETER SEDIMENT MEASURES. 6. INSTALL ALL TEMPORARY EROSION & SEDIMENT CONTROLS AS NEEDED.

7. DEMOLISH ANY EXISTING STRUCTURES AS REQUIRED FOR PROPOSED IMPROVEMENTS. 8. CLEAR THE SITE.

#### 9. BEGIN GRADING THE SITE.

10. START CONSTRUCTION OF UST INSTALL, BUILDING FOOTINGS, STRUCTURES, AND ANY OFF-SITE IMPROVEMENTS.

11. TEMPORARILY STABILIZE DENUDED AREAS. 12. INSTALL UTILITIES, UNDER DRAINS, STORM SEWERS, CURBS AND

13. INSTALL INLET/FLUME PROTECTION DEVICES. 14. PREPARE SITE FOR PAVING.

15. PAVE SITE. 16. COMPLETE GRADING AND INSTALL PERMANENT AND PLANTINGS. 17. REMOVE EROSION AND TEMPORARY SEDIMENT CONTROL DEVICES AFTER FINAL STABILIZATION IS ACHIEVED.

# BMP MAINTENANCE NOTES

20.00'

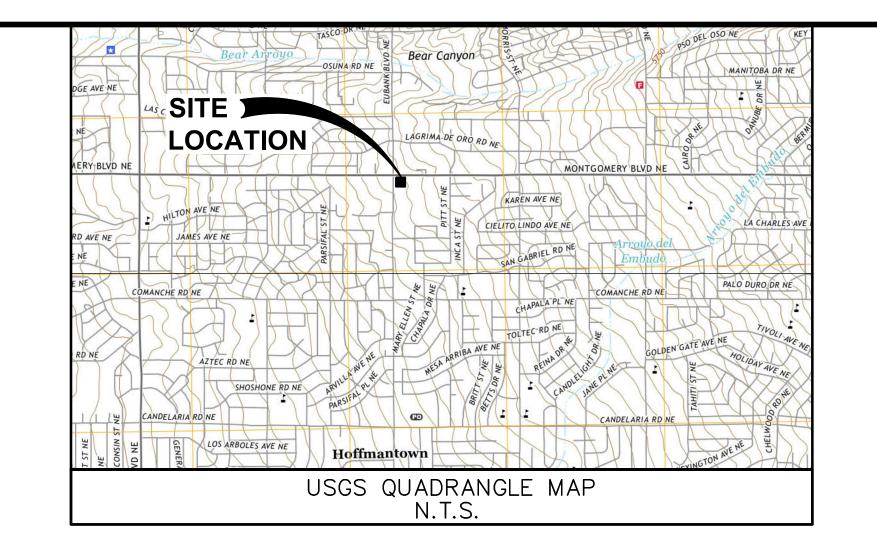
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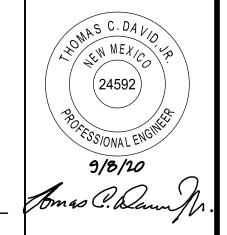
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Cable Pedstal

Electric Pedstal Utility Vault Traffic Box ——COM — Underground Communications Line

Telephone Pedestal Utility Box Light Pole Bollard

Fiber Optic Box

Concrete Symbol O Control Point

R.T.D.M. Raised Truncated Dome Mat

— — — XX— — — CONTOUR ELEVATIONS — CONSTRUCTION FENCE — > — > — DRAINAGE FLOW LIMIT OF DISTURBED AREA SOIL TYPE DESIGNATION

# PROJECT INFORMATION

DATE IS AUGUST 9, 2021.

PROPOSED

**EXISTING** 

Storm Drain Manhole

Sanitary Sewer Line

Storm Drain Inlet

——E — Underground Electric line

———G —— Underground Gas Line

Water Meter

Water Valve

BOUNDARY LINE

Sanitary Sewer Manhole

Sanitary Sewer Clean-out

RECEIVING WATER IS THE CITY DRAINAGE SYSTEM. DRAINAGE SYSTEM EVENTUALLY CONNECTS TO TIJERAS ARROYO ±2.3 MILES SOUTH OF PROJECT

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PARKING AREA. ANTICIPATED CONSTRUCTION START DATE IS MAY 17, 2021 AND COMPLETION

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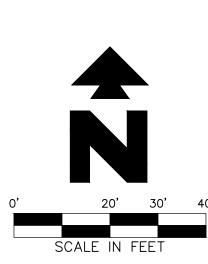
DOWNSTREAM CONDITION WILL NOT BE NEGATIVELY AFFECTED BY PROPOSED DEVELOPMENT.

#### EROSION DETAILS - SEE DETAIL SHEET C-4.3

——SF —— SF SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT SDP SILT DIKE (ON EXISTING PAVEMENT)

PS PERMANENT STABILIZATION

SITE SOILS



24 HR EMERGENCY CONTACT: TERRY RIGDON 870-866-7457

EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND

—— CF—

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#### SEQUENCE OF CONSTRUCTION

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- 4. CONSTRUCT THE SILT FENCES ON THE SITE. . INSTALL ALL PERIMETER SEDIMENT MEASURES.
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- PROPOSED IMPROVEMENTS. 8. CLEAR THE SITE.

14. PREPARE SITE FOR PAVING.

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AFTER FINAL STABILIZATION IS ACHIEVED.

16. COMPLETE GRADING AND INSTALL PERMANENT AND PLANTINGS. 17. REMOVE EROSION AND TEMPORARY SEDIMENT CONTROL DEVICES

# BMP MAINTENANCE NOTES

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TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.

TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRED PERIODIC

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4"-6" CLEAN STONE -

GEOTEXTILE UNDERLINER -

CONSTRUCTION ENTRANCE

INSTALL TEMPORARY

AFTER STOCKPILING

STABILIZATION IMMEDIATELY

TYPICAL TOPSOIL STOCKPILE

- SILT FENCE (SEE DETAIL)

#### <u>USAGE NOTES:</u> . ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE FILTER SOCK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.

- 2. OVERLAP ENDS OF SOCK PER MANUFACTURERS RECOMMENDATIONS. (1' MIN. 3'
- 3. USE 8" TO 12" DIA. SOCK ON CURBSIDE IN TRAFFIC AREAS.
- 4. USE 12" 18" DIA. SOCK IN NON-TRAFFIC AREAS OR AREAS WHERE SAFETY IS NOT A CONCERN.

#### **DESIGN CRITERIA:**

Iaterial Type

Mesh Opening

Tensile Strength

(ASTM 5035-95)"

% Original Strength from

Ultraviolet Exposure (ASTM

Material Characteristic

COMPOST FILTER SOCKS ARE DESIGNED TO RETAIN SEDIMENT TRANSPORTED IN SHEET FLOW FROM DISTURBED AREAS. COMPOST FILTER SOCKS PERFORM THE SAME FUNCTION AS SILT FENCE, ALLOW A HIGHER FLOW RATE, AND ARE USUALLY FASTER AND CHEAPER TO INSTALL. WHERE ALL RUNOFF IS TO BE TREATED BY THE COMPOST FILTER SOCK THE MAXIMUM SLOPE LENGTH BEHIND THE COMPOST FILTER SOCK SHALL NOT EXCEED THOSE SHOWN IN TABLE 1. THE DRAINAGE AREA SHALL NOT EXCEED 1/4 ACRE FOR EVERY 100 FT OF COMPOST FILTER SOCK.

THE SEDIMENT AND POLLUTANT REMOVAL PROCESS CHARACTERISTIC TO COMPOST FILTER SOCKS COMBINES BOTH FILTERING AND DEPOSITION FROM SETTLING SOLIDS. THIS IS DIFFERENT THAN METHODS THAT RELY ON PONDING FOR DEPOSITION OF SOLIDS FOR SEDIMENT CONTROL, SUCH AS SILT FENCE. PONDING OCCURS WHEN WATER FLOWING TO THE COMPOST FILTER SOCK ACCUMULATES FASTER THAN THE HYDRAULIC FLOW THROUGH RATE OF THE COMPOST FILTER SOCK. HYDRAULIC FLOW-THROUGH RATES FOR COMPOST FILTER SOCKS ARE 50% GREATER THAN SILT FENCE FILTER FABRIC. GREATER HYDRAULIC FLOW-THROUGH RATES REDUCE PONDING. COMPOST FILTER SOCK MESH NETTING SHALL MEET THE NETTING SPECIFICATION IN TABLE 2. COMPOST FILTER SOCKS SHALL MEET THE SPECIFICATIONS IN TABLE 3. COMPOST USED IN COMPOST FILTER SOCKS SHALL MEET THE SPECIFICATION DESCRIBED UNDER COMPOST FILTER MEDIA SPECIFICATIONS.

A 12 INCH DIAMETER COMPOST FILTER SOCK SHALL BE USED ON DEVELOPMENTS WHERE THE LIFE OF THE PROJECT IS GREATER THAN OR EQUAL TO SIX MONTHS. A 12 INCH DIAMETER COMPOST FILTER SOCK MAY ALSO BE USED ON MINOR PROJECTS, SUCH AS RESIDENTIAL HOME SITES OR SMALL COMMERCIAL DEVELOPMENTS.

Land Slope	Maximum Slope Length Above Compost Filter Sock
Percent	Feet
<2	100
2 to 5	75
5 to 10	50
10 to 20	25
>20*	15

Multi-Filament Polypropylene

COMPOST FILTER SOCK (CFS)

- WOVEN WIRE FENCE (MIN. 14-1/2 GAUGE,

WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE, -<

FINISH GRADE-

UNDISTURBED —

BACKFILL

A-A-SECTION

24" AT TOP AND MID SECTION.

BY SIX INCHES AND FOLDED.

MAX. 6" MESH SPACING) WITH GEOTEXTILE COVER

-54" MIN. FENCE POSTS,

DRIVEN MIN. 12" INTO

OVER WIRE FENCE

MAX. 6" MESH SPACING)

Photodegradable

44 psi (3.09 kg/cm2)

3/8 in (10mm)

100% at 1000 hr

TABLE 3

### COMPOST FILTER MEDIA SPECIFICATIONS

COMPOST USED FOR COMPOST FILTER SOCK FILLER MATERIAL (FILTER MEDIA) SHALL BE WEED FREE AND DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THE COMPOST SHALL BE PRODUCED USING AN AEROBIC COMPOSTING PROCESS MEETING CFR 503 REGULATIONS INCLUDING TIME AND TEMPERATURE DATA. THE COMPOST SHALL BE FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO

PLANT GROWTH. NON-COMPOSTED PRODUCTS WILL NOT BE ACCEPTED. TEST METHODS FOR THE ITEMS BELOW SHOULD FOLLOW 3. STAKING DEPTH FOR SAND AND SILT LOAM SOILS SHALL BE 12 US COMPOSTING COUNCIL TEST METHODS FOR THE EXAMINATION OF COMPOSTING AND COMPOST GUIDELINES FOR LABORATORY PROCEDURES:

- A. PH -5.0-8.0 IN ACCORDANCE WITH TMECC 04.11-A, "ELECTROMETRIC PH DETERMINATIONS FOR
- B. PARTICLE SIZE -99% PASSING A 2 IN (50MM) SIEVE AND A MAXIMUM OF 40% PASSING A 3/8 IN (9.5MM) SIEVE, IN ACCORDANCE WITH TMECC 02.02-B, "SAMPLE SIEVING FOR AGGREGATE SIZE CLASSIFICATION". (NOTE- IN THE FIELD, PRODUCT COMMONLY IS BETWEEN 1/2 IN [12.5MM] AND 2 IN [50MM] PARTICLE SIZE.)
- C. MOISTURE CONTENT OF LESS THAN 60% IN ACCORDANCE WITH STANDARDIZED TEST METHODS FOR MOISTURE DETERMINATION.
- D. MATERIAL SHALL BE RELATIVELY FREE (<1% BY DRY WEIGHT) OF INERT OR FOREIGN MAN MADE MATERIALS.
- E. A SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO BEING USED AND MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

#### CONSTRUCTION SPECIFICATIONS

Multi-Filament Polypropyler

202 psi (14.2 kg/cm2)\*

Photodegradable

100% at 1000 hr

1/8 in (3mm)

- THE COMPOST FILTER SOCK SHALL BE INSTALLED ACCORDING TO THIS SPECIFICATION, AS SHOWN ON THE PLANS OR AS DIRECTED
- 1. COMPOST FILTER SOCKS SHOULD BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER DISTURBED AREA. IN EXTREME CONDITIONS (I.E., 2:1 SLOPES), A SECOND COMPOST FILTER SOCK SHALL BE CONSTRUCTED AT THE TOP OF THE

POSTS: STEEL EITHER T OR U TYPE.

FENCE: WOVEN WIRE, 14-1/2 GA. 6" MAX. MESH OPENING

1. AMOCO 1198

2. BELTECH 810 3. MIRAFI 130X

4. LING GTF 190

5. SI 915 SC

—EXTEND WIRE FENCE A

MIN. OF 2" INTO TRENCH

-EMBEDDED GEOTEXTILE FABRIC

MIN. 6" INTO GROUND

WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.

WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED

COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

-COMPACTED 2. GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY

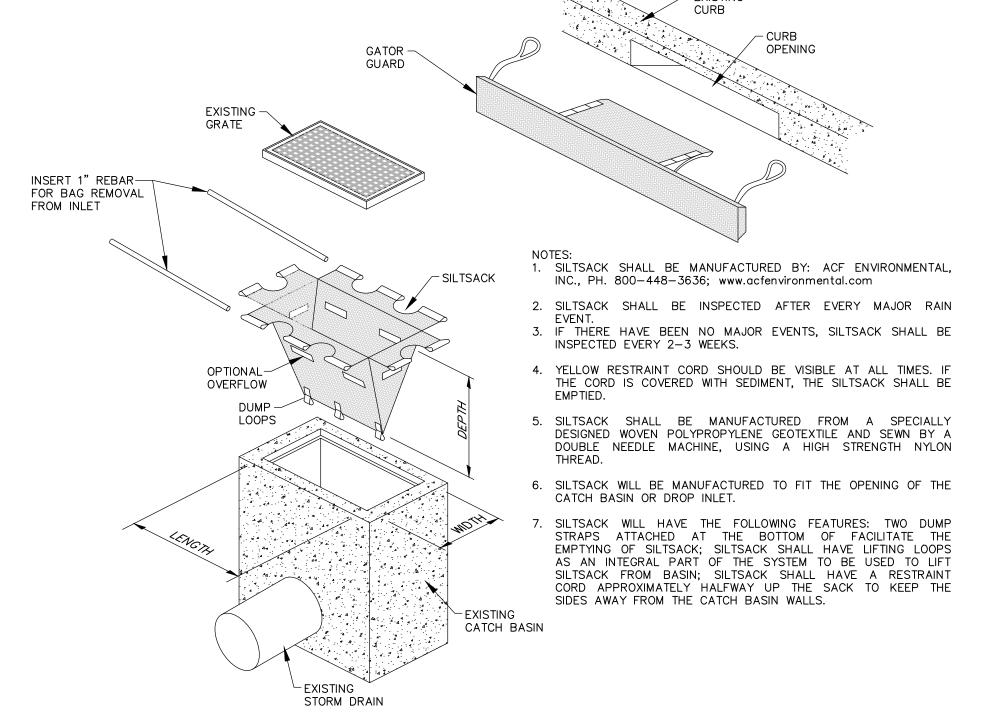
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN.

5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT UNLESS INDICATED OTHERWISE

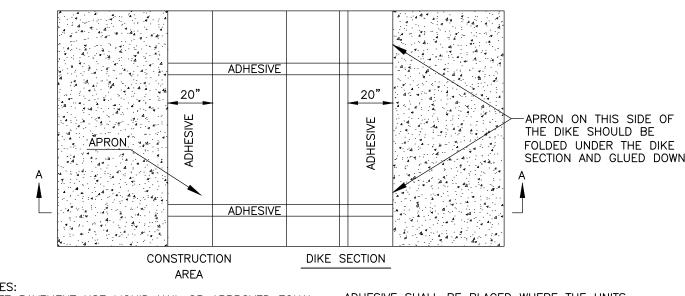
W/ 6" LAID ALONG BOTTOM OF TRENCH

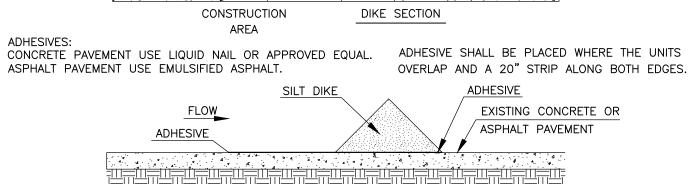
- 2. STAKES SHALL BE INSTALLED THROUGH THE MIDDLE OF THE COMPOST FILTER SOCK ON 10 FT (3M) CENTERS, USING 2 IN (50MM) BY 2 IN (50MM) BY 3 FT (1M) WOODEN STAKES. IN THE EVENT STAKING IS NOT POSSIBLE, I.E., WHEN COMPOST FILTER SOCKS ARE USED ON PAVEMENT, HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE COMPOST FILTER SOCKS TO HELP STABILIZE DURING RAINFALL/RUNOFF EVENTS.
- IN (300MM), AND 8 IN (200MM) FOR CLAY SOILS.
- 4. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE COMPOST FILTER SOCK, FILLING THE SEAM BETWEEN THE SOIL SURFACE AND THE DEVICE, IMPROVING FILTRATION AND SEDIMENT RETENTION.
- 5. IF THE COMPOST FILTER SOCK IS TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION. THE ENGINEER WILL SPECIFY SEED
- 6. COMPOST FILTER SOCKS ARE NOT TO BE USED IN PERENNIAL, EPHEMERAL, OR INTERMITTENT STREAMS. <u>MAINTENANCE</u>

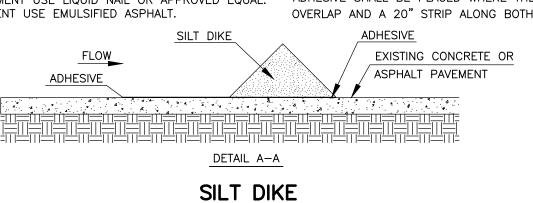
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. COMPOST FILTER SOCKS SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF COMPOST FILTER SOCK IS REDUCED. COMPOST FILTER SOCKS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATION AT THE COMPOST FILTER SOCK SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE COMPOST FILTER SOCK IS REMOVED.



RUNOFF WATER-WITH SEDIMENT

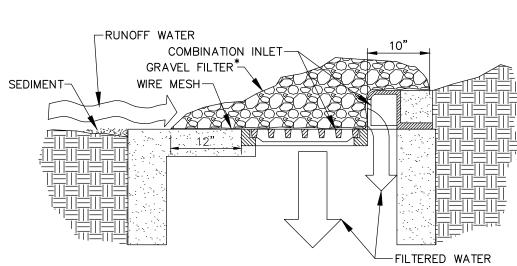






(ON EXISTING PAVEMENT)





\* GRAVEL SHALL BE 2"-3" CLEAN STONE

TREATED WATER-

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE

OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED ACRES.

GRAVEL AND WIRE MESH

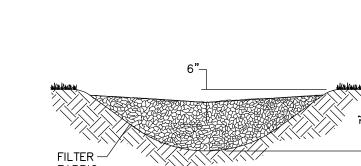
INLET SEDIMENT FILTER

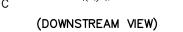
 $\stackrel{ extbf{+}}{ extbf{-}}\mathsf{GRAVEL}$  (12" MIN. DEPTH)

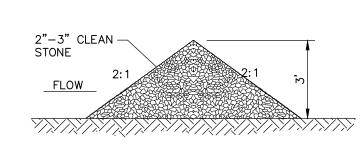
−WIRE MESH W/ FILTER FABRIC

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT COMBINATION INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED \* GRAVEL SHALL BE 2"-3" STONE

TEMPORARY GRAVEL COMBINATION INLET SEDIMENT FILTER









SPECIFIC APPLICATION

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**NPDES** 



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

FORM Approved OMB No.

**FORM Low Erosivity Waiver Certification** 2-4-0004 Waiver Eligibility Information NPDES ID: NMR1003BS State where your construction site is located: NM Is your construction site located on Indian Country Lands? No Are you requesting coverage under this NOI as a "Federal Operator" as defined in Appendix A (https://www.epa.gov/sites/production/files/2019-05/documents/final\_2017\_cgp\_appendix\_a\_-\_definitions.pdf)? 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: 01/11/2021 Estimated Project End Date: 05/21/2021 Estimated Area to be Disturbed (in Acres): 1 Rainfall Erosivity factor was calculated using: EPA Fact Sheet 3.1 Construction site's R-Factor 2.55 Are interim non vegetative site stabilization measures used to establish the project completion date for purposes of obtaining this waiver? Operator Information Operator Name: Red Shamrock 16, LLC Operator Mailing Address: Address Line 1: 8220 San Pedro Drive NE #500 City: Albuquerque Address Line 2: ZIP/Postal Code: 87113 State: NM County or Similar Division: BERNALILLO Operator Point of Contact Information First Name Middle Initial Last Name: Trish Kv ern Title: President Phone: 505-998-9093 Ext.: Email: trish@retailsouthwest.com Project/Site Information

Project/Site Name: Murphy Express - Montgomery/Eubank

Project/Site Address

Address Line 1: 9700 Montgomery Boulevard NE

Address Line 2: City: Albuquerque

ZIP/Postal Code: 87111 State: NM

County or Similar Division: BERNALILLO

Latitude/Longitude: 35.13032°N, 106.532919°W

Latitude/Longitude Data Source: Map Horizontal Reference Datum: WGS 84

Is your project/site located on federally recognized Indian Country lands? No

#### Certification Information

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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: Trisha Kvern

Certifier Title: Development Director

 $\textbf{Certifier Email:} \ trish@skarsgardfirm.com$ 

Certified On: 09/29/2020 11:17 AM ET