

Stormwater Quality Plan Information Sheet

and Inspection Fee Schedule

| Project Name: | | |
|-----------------------------------------|-------------------|--|
| Project Location: (address or major cro | | |
| Plan Preparer Information: | | |
| Company: | | |
| Contact: | | |
| Address: | | |
| Phone Number: (O) | (Cell (optional)) | |
| e-Mail: | | |
| Owner Information: | | |
| Company: | | |
| Contact: | | |
| Address: | | |
| Phone: | | |
| e-Mail: | | |
| I am submitting the ESC plan to obtain | | |

____ Grading ____Building Permit ____Work Order Construction Plans Note: More than one item can be checked for a submittal

Stormwater Quality Inspection fee: (based on development type and disturbed area)

| Commercial | < 2 acres \$300 | 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 for the first submittal \square and \$75.00 for a resubmittal \square |
|----------------------------------------------------------------------------------------------------|
|----------------------------------------------------------------------------------------------------|

Total due equals the plan review fee plus the Stormwater Quality Inspection fee.

Total Due \$_____

If you have questions, please contact Curtis Cherne, Stormwater Quality 924-3420, ccherne@cabq.gov Rev May 2019





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR THE 2017 NPDES CONSTRUCTION PERMIT

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Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section III of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section II of this form. Submission of this NOI also constitutes notice that the operator identified in Section III of this form meets the eligibility requirements of Part 1.1 CGP for the project identified in Section IV of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

Permit Information

NPDES ID: NMR1003BG

State where your construction site is located: NM

Is your project/site located on federally recognized 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)? No

Have stormwater discharges from your current construction site been covered previously under an NPDES permit? No

Will you use polymers, flocculants, or other treatment chemicals at your construction site? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Are you able to demonstrate that you meet one of the criteria listed in Appendix D (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_d_-endangered_species_reqs_508.pdf) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat? Yes

Have you completed the screening process in Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-historic_properties_reqs_508.pdf) relating to the protection of historic properties?

Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state or local authorities after issuance of this permit via any means, Including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an Inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

 Operator Information

 Operator Information

 Operator Name: Westway Homes, LLC

 Operator Mailing Address:

 Address Line 1: 9600 Tenny son

 Address Line 2:
 City: Albuquerque

 ZIP/Postal Code: 87122
 State: NM

 County or Similar Division: BERNALILLO

| Operator Point of Contact Information First Name Middle Initial Last Name: Michael Title: Manager | Fietz | |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|
| Phone: 505-212-7000 | Ext.: | |
| Email: mikef@thewestway.com | | |
| NOI Preparer Information | | |
| $oldsymbol{\mathscr{C}}$ This NOI is being prepared by someone other | than the certifier. | |
| First Name Middle Initial Last Name: Mathew | F Vallejos | |
| Organization: Green Globe Environmental | | |
| Phone: (505) 304-8473 | Ext.: | |
| Email: matt@greenglobenm.com | | |
| Project/Site Information | | ~ |
| Project/Site Name: Mesa Del Sol Unit 3B | | |
| Project/Site Address | | |
| Address Line 1: Strand Loop SE and O'Keefe Ave. | SE | |
| Address Line 2: | City: Albuqueruqe | |
| ZIP/Postal Code: 87106 | State: NM | |
| County or Similar Division: BERNALILLO | | |
| Latitude/Longitude: <u>34.984552°N</u> , 106.617412°W | | |
| Latitude/Longitude Data Source: Map | Horizontal Reference D | atum: WGS 84 |
| Project Start Date: 08/03/2020 | Project End Date: 12/31/2021 | Estimated Area to be Disturbed: 7.75 |
| Types of Construction Sites: Single-Family Residential | | |
| Will there be demolition of any structure built or renovated before January 1, 1980? No | | |
| Was the pre-development land use used for agriculture? No | | |
| Have earth-disturbing activities commenced on your project/site? No | | |
| Is your project/site located on federally recognized Indian Country lands? No | | |
| Discharge Information | | * |
| Does your project/site discharge stormwater int | o a Municipal Separate Storm Sewer System (MS4) | 1? Yes |
| Are there any waters of the U.S. within 50 feet of | your project's earth disturbances? No | |

Are any of the waters of the U.S. to which you discharge designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) or as a Tier 3 water (Outstanding National Resource Water)? See Appendix F (https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_f-_tier_3_tier_2_and_tier_2.5_waters_508.pdf)

Yes

001: Tijeras Arroyo

Latitude/Longitude: 35.009967°N, 106.629193°W

Tier Designation: Tier 2

Is this receiving water impaired (on the CWA 303(d) list)? No

Has a TMDL been completed for this receiving waterbody? No

002: Rio Grande (Isleta Pueblo boundary to Tijeras Arro

Latitude/Longitude: 35.010546°N, 106.67772°W

Tier Designation: Tier 2

Is this receiving water impaired (on the CWA 303(d) list)? Yes

Impaired Pollutants:

- E. coli
- Dissolved oxygen

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID: NM2105 Name: Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo)

TMDL Pollutants:

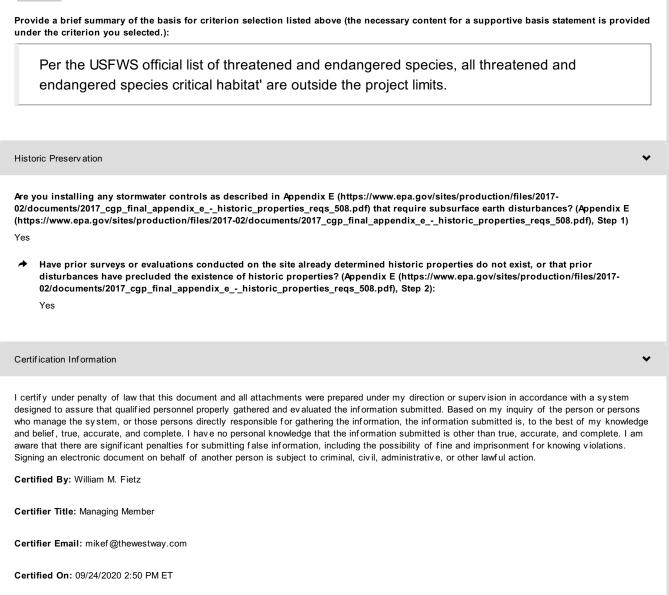
- Dissolved oxygen
- E. coli

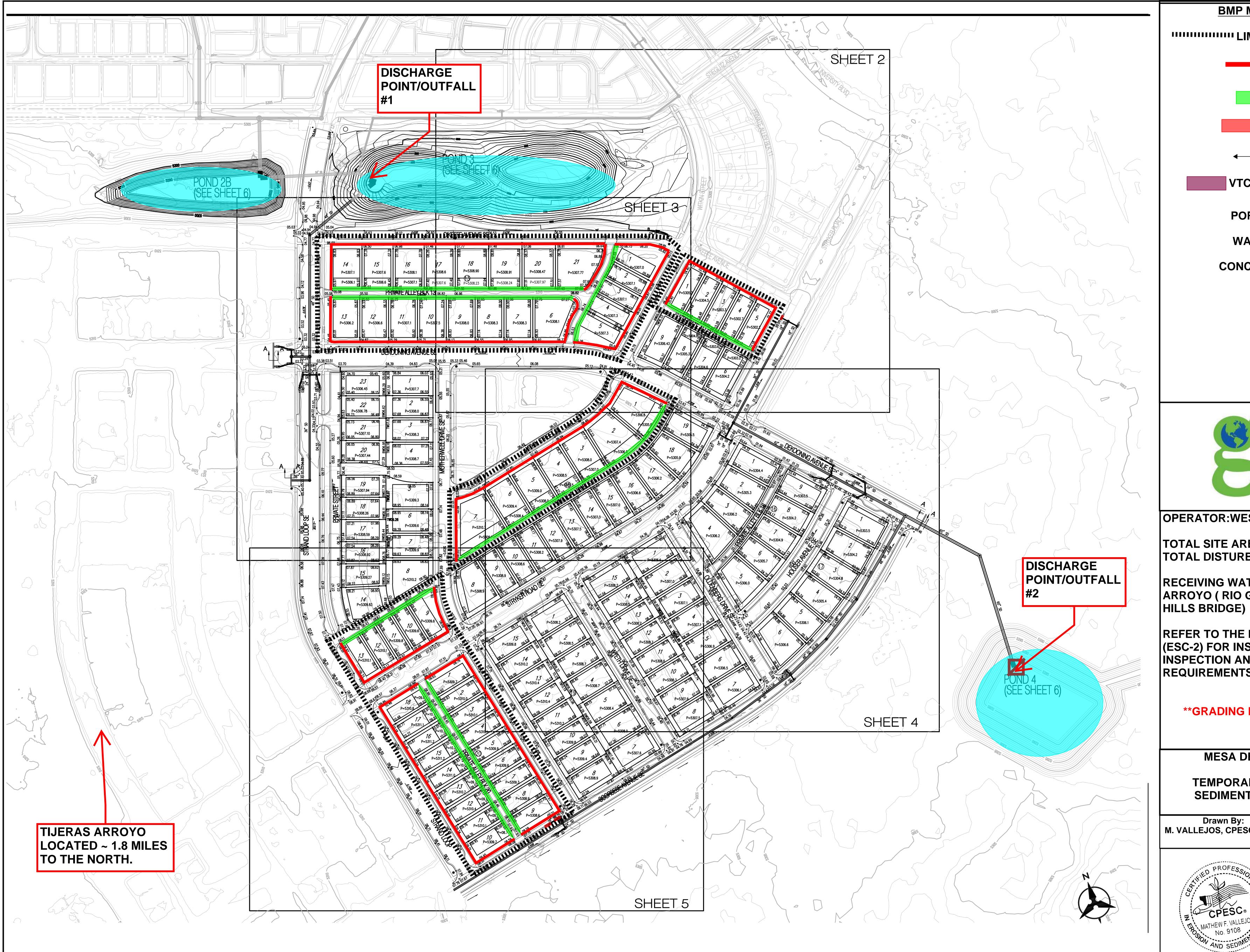
Stormwater Pollution Prevention Plan (SWPPP)

| First Name Middle Initial Last Name: Michael | | |
|----------------------------------------------|-------|---|
| Organization: | | |
| Title: Manager | | |
| Phone: 505-212-7000 | Ext.: | |
| Email: mikef@thewestway.com | | |
| | | |
| | | |
| Endangered Species Protection | | * |

Using the Instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this

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| MAP LE | GEND | |
|----------------------------------|------------------------------|--|
| IMITS OF | DISTURBANCE | |
| P | ERIMETER BMP (SILT FENCE) | |
| | | |
| C | UT-BACK CURB | |
| INLE | ET PROTECTION | |
| FL | OW DIRECTION | |
| C (VEHIC | LE TRACK-OUT CONTROL | |
| ORTABLE | TOILETS (TBD) | |
| ASTE CO | NTAINER (TBD) | |
| | VASHOUT (TBD) | |
| | NG AREA (TBD) | |
| UIAU | | |
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| free | en | |
| | be | |
| ENVIRO | DNMENTAL | |
| | | |
| ESTWAY | HOMES | |
| REA: 9.87 ACRES | | |
| RBED AREA: 9.87 ACRES | | |
| ATERS: TIJERAS GRANDE TO FOUR | | |
|) | | |
| ESC BMP DETAILS | | |
| ISTALLATION, ND MAINTENANCE | | |
| ſS. | | |
| | | |
| B PLAN BY OTHERS** | | |
| | | |
| DEL SOL UNIT 3B | | |
| ARY EROSION AND | | |
| | | |
| : SC, CISEC | 10/02/2020 | |
| | | |
| 10/2/20 | | |
| =1012/20 | | |
| S ISO | ESC-1 | |
| NENT | | |
| | | |

| Silt Fence Detail | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Non-woven Silt Fence A silt fence is a temporary sediment barrier consisting of a geotextile attached to supporting posts and trenched into the ground. Intended to retain sediment that has been dislodged by stormwater. | Si EROSI |
| Use silt fence as a perimeter control particularly at lower or down slope edge of a disturbed area. Leave space for maintenance between slope and silt fence or roll. Trench in the silt fence on the uphill side (6 in deep by 6 in wide). Install stakes on the downhill side of the fence. Curve silt fence up-gradient to help it contain runoff. | P |
| To maintain remove sediment when it reaches one-third of the height of the fence. Replace the silt fence where it is worn, torn, or otherwise damaged. Retrench or replace any silt fence that Construction | |
| is not properly anchored to the ground. If the silt fence cannot be toed in properly due to | |
| existing hard surface, place mulch filter sock at base to prevent sediment from leaving site. | on In |
| 8' max wood stake spacing and 10' max spacing for steel T-post. | |
| Silt Fence Installation | |
| | |
| maximum 6-8 feet between posts | Арр |
| Roll Properties (A | |
| | R |
| Applied Roll Leng | |
| Strength Properti | ies ASTI |
| Packaging | |

Source: USEPA Guide for Construction Site

Coir Mat Inlet Protection



UV Resistance (ASTM D 4355 – 500 hour exposure) Tensile Properties (ASTM D 5035/ECTC) (4 inch wide strip specimen)

| Baseline Properties | | |
|-------------------------------------|------------------|------------|
| MD – Maximum Load (p | opi) | 14.6 |
| TD – Maximum Load (p | ppi) | 18.7 |
| MD – Elongation @ Ma | x Load (%) | 19.3 |
| TD – Elongation @ Max | k Load (%) | 27.7 |
| Light Penetration (E | CTC Guideline | es) |
| Baseline Reading | | 125 |
| <u>_</u> | | 10 |
| % Light Penetration | | <8 |
| | | |
| Swell (ECTC) | | |
| Dry thickness (mils) | | 1984 |
| Thickness after soak (mils) 2098 | | |
| % change 6 | | |
| Water Absorption (ASTM D 1117/ECTC) | | |
| Pre-soak Weight (gram | s) | 69 |
| Post-Soak (grams) | | 152 |
| Weight change (grams) | | 82 |
| % Weight Change | | 119 |
| Sediment Control (ASTM D 5141) | | |
| Test material: | Sand sieved thru | u No. 10 : |
| Filtering Efficiency (%) 40.8 | | |

150

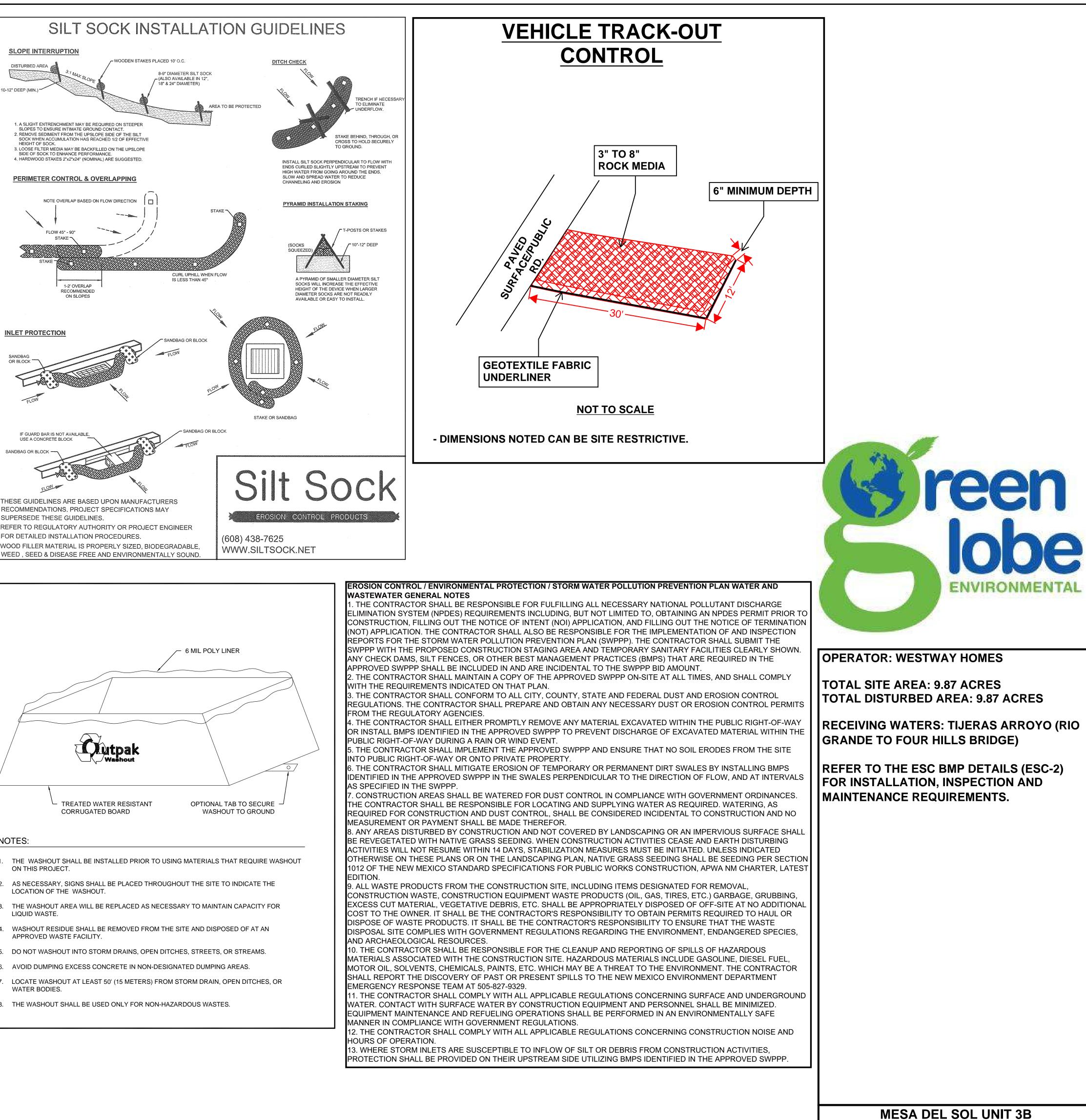
Flow Rate (liter/minute)

| 500 Hour Exposed Properties | |
|--------------------------------|-------|
| MD – Maximum Load (ppi) | 10.2 |
| TD – Maximum Load (ppi) | 13.8 |
| MD – Elongation @ Max Load (%) | 16.9 |
| TD – Elongation @ Max Load (%) | 16.6 |
| | |
| Resiliency (ASTM D 6524) | |
| Pre-loading thickness (mils) | 1943 |
| Post-loading thickness (mils) | 326 |
| % change | -83 |
| Mass/Unit Area (ASTM D 6565) | |
| Mass/unit area (oz/sq. yd) | 50.89 |
| Mass/unit area (g/sq. meter) | 1725 |
| | |
| Smolder Resistance (ECTC) | |
| Maximum Burn Distance (in) | .29 |

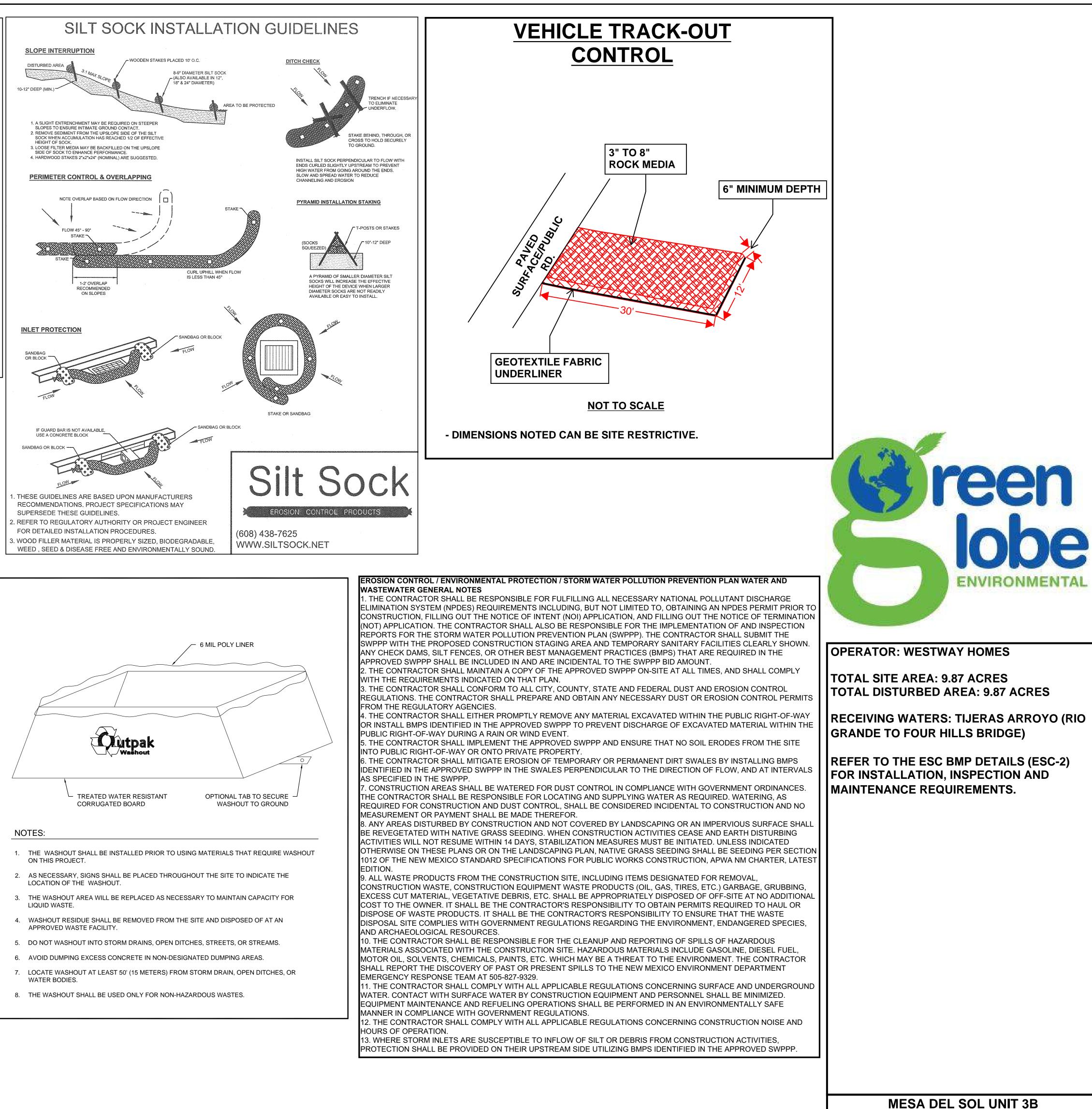


- Washout facilities must be sized to contain washout water and solids.
- Typical dimensions are 10 feet long by 10 feet wide but may vary upon site limitations.
- Pit shall be delineated with Orange Filter Sock and A-Framed staked.
- edges completing a leak-proof container.

| IN SOC | TS | |
|-----------------------------------------------------|-----------------------|--------------------|
| www.siltsock.net Phone: 608-438-7625 8" Ultra | | |
| Tub | ular Knit | |
| Inert to most soil chemicals inc | luding Alkaline, weak | acids and salt |
| Fiber Material | Multi-Filamer | t Polypropylene |
| Color | Black | |
| Melting Point | 166°c | 330°F |
| UV Protection | Photodegradal | ole/ UV Stabilized |
| UV Resistance ASTM G-155 | 100% at 1000 hr. | |
| Approx. Life Expectancy* | 2 – 4 years | |
| Mesh Opening | | 1/8" |
| Roll Weight | 11.8 kg | 26 lbs. |
| Roll Length - Relaxed | 174 m | 540 ft. |
| 8" Diameter | 146 m | 475 ft. |
| ASTM 6241 & ASTM 5035 | 22 | 2 psi |
| Package Type | Roll | |



• The pit shall be lined with 10mil (minimum) polyethylene impermeable liner on the bottom and sides overlapping the top



TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:

M. VALLEJOS, CPE

| SC, CISEC | 10/02/20 |
|-------------------|----------|
| CONTROL OF THE OF | ESC-2 |