# Stormwater Quality Plan Information Sheet

## and Inspection Fee Schedule

| Project Location: (a        | address or major cross st        | treets/arroyo)                  |                   |
|-----------------------------|----------------------------------|---------------------------------|-------------------|
| Troject Location. (a        | duress of major cross si         | ireets/arroyo)                  |                   |
| Plan Preparer Infor         | mation:                          |                                 |                   |
| Company:                    |                                  |                                 |                   |
| Contact:                    |                                  |                                 |                   |
| Address:                    |                                  |                                 |                   |
|                             |                                  | (Cell (optional))               |                   |
| e-Mail:                     |                                  |                                 |                   |
| Owner Information:          | :                                |                                 |                   |
| Company:                    |                                  |                                 |                   |
| Contact:                    |                                  |                                 |                   |
|                             |                                  |                                 |                   |
|                             |                                  |                                 |                   |
| e-Mail:                     |                                  |                                 | I                 |
| am submitting the E         | SC plan to obtain app            | roval for:                      |                   |
| GradingBui                  | lding PermitWork                 | Order Construction Plans        |                   |
| Note: More than one item    | can be checked for a submit      | ttal                            |                   |
| <b>Stormwater Quality</b>   | <b>Inspection fee:</b> (based of | on development type and disturb | ed 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 <b></b>    | > 40 acres \$1500 |
| Residential                 |                                  |                                 |                   |
|                             |                                  |                                 |                   |
| Plan Review fee is \$10     | )5 for the first submittal       | and \$75.00 for a resu          | ıbmittal          |
| Total due equals the pl     | lan review fee plus the S        | Stormwater Quality Inspect      | tion fee.         |
| Total Due \$                |                                  |                                 |                   |
| If you have questions, plea | se contact Curtis Cherne. Sto    | ormwater Ouality 924-3420, cch  | erne@caba.gov     |

Rev May 2019



# City of Albuquerque

# Planning Department

## Stormwater Control Permit for Erosion and Sediment Control

| Project Title_PRESBYTERIAN HOSPITAL SITE IMI  | PROVEMENTS |
|---|------------|
| Project Location (Major Cross Streets/Arroyo or address) 1100 CENTRAL AVE SE ALBUQUERQUE N  | NM 87106   |
| Property Owner: (Note: If applying for a Building Perm must match the "Owner" name on the Building Permit.)  Company Name or Owner Name: PRESBYTERIAN I |            |
| Responsible Person: (Note: Name below may be the same as Name:Jim Jeppson  Phone Number:505-814-1769  E-mail:_ jjepson@phs.org                          |            |
| Site Contact: (if different than Property Owner info above.   | )          |
| Name: SHAD JAMES - JAYNES CORP  |            |
| 505-345-8591<br>Phone:  |            |
| e-mail:SHAD.JAMES@JAYNESCORP.COM  |            |
| For City personnel use only:  |            |
| City Personnel Signature:   | Date       |
| (Rev June 2017)   |            |

NPDES FORM 3510-9



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

FORM Approved OMB No. 2040-0004

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 |  |
|--------|--|
|        |  |

Email: matt@greenglobenm.com

| NPDES ID: MMR1002GI  |  |
|--|--|
| 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 Appendi 05/documents/final_2017_cgp_appendix_adefinitions.pdf)?  No   | x A (https://www.epa.gov/sites/production/files/2019-  |
| 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?  | P No   |
| Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling to  | his NOI, as required? Yes  |
| Are you able to demonstrate that you meet one of the criteria listed in Appendix D (https://v_endangered_species_reqs_508.pdf) with respect to protection of threatened or endangere critical habitat?  Yes  |  |
| Have you completed the screening process in Appendix E (https://www.epa.gov/sites/produ_historic_properties_reqs_508.pdf) relating to the protection of historic properties?  Yes  | uction/files/2017-02/documents/2017_cgp_final_appendix_e   |
| Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorical authorities after issuance of this permit via any means, including the Notice of Intent during an Inspection, etc. If any discharges requiring NPDES permit coverage other than twill be discharged, they must be covered under another NPDES permit.  Yes | rized or shielded from liability under CWA section 402(k) by disclosure to EPA state or (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), |
| Operator Information   |  |
| Operator Information Operator Name: Presbyterian Healthcare Services Operator Mailing Address: Address Line 1: P.O. Box 26666  |  |
| Address Line 2:  | City: Albuquerque  |
| ZIP/Postal Code: 87125   | State: NM  |
| County or Similar Division: BERNALILLO   | _  |
| Operator Daint of Contact Information  |  |
| Operator Point of Contact Information  First Name, Middle Initial, Last Name: Jim Jeppson  |  |
| Title: Project Manager   |  |
| Phone: 505-814-1769 Ext.   |  |
| Email: jjeppson@phs.org  |  |
| NOI Preparer Information   |  |
| ✓ This NOI is being prepared by someone other than the certifier.  |  |
| First Name, Middle Initial, Last Name: Mathew F Vallejos   |  |
| Phone: (505) 304-8473 Ext.   |  |

Project/Site Information

Project/Site Name: Presbyterian Hospital Site Improvements

Project/Site Address

Address Line 1: 1100 Central Ave. SE

Address Line 2: City: Albuquerque

ZIP/Postal Code: 87106 State: NM

County or Similar Division: BERNALILLO

Latitude/Longitude: 35.080918°N, 106.635934°W

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

Project Start Date: 2019-10-01 Project End Date: 2022-06-30 Estimated Area to be Disturbed: 4

Types of Construction Sites:

Commercial

Will there be demolition of any structure built or renovated before January 1, 1980? Yes

→ Do any of the structures being demolished have at least 10,000 square feet of floor space? No

Was the pre-development land use used for agriculture? No

Have earth-disturbing activities commenced on your project/site? No

Is your project located on a property of religious or cultural significance to an Indian tribe? No

#### Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? 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: Rio Grande River

Latitude/Longitude:

Tier Designation: Tier 2

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

Has a TMDL been completed for this receiving waterbody? Yes

| Pollutant        | Causing Impairment? | TMDL ID | TMDL Name   |
|------------------|---------------------|---------|---|
| Temperature      | Yes                 | NM2105  | Rio Grande River (Tijeras Arroyo to Alameda Bridge) |
| Dissolved oxygen | Yes                 | NM2105  | Rio Grande River (Tijeras Arroyo to Alameda Bridge) |
| E. coli          | Yes                 | NM2105  | Rio Grande River (Tijeras Arroyo to Alameda Bridge) |

#### Stormwater Pollution Prevention Plan (SWPPP)

First Name, Middle Initial, Last Name: Jim Jeppson

Title: Project Manager

Phone: 505-814-1769 Ext.

Email: jjeppson@phs.org

#### **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 permit? Criterion A

Provide a brief summary of the basis for criterion selection listed above (the necessary content for a supportive basis statement is provided under the criterion you selected.):

Per USFWS official list of threatened and endangered species, all threatened and endangered species critical habitat' are outside the project limits.

#### Historic Preservation

Are you installing any stormwater controls as described in Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017\_cgp\_final\_appendix\_e\_\_historic\_properties\_reqs\_508.pdf) that require subsurface earth disturbances? (Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017\_cgp\_final\_appendix\_e\_-historic\_properties\_reqs\_508.pdf), Step 1)

Yes

Have prior surveys or evaluations conducted on the site already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E (https://www.epa.gov/sites/production/files/2017-02/documents/2017\_cgp\_final\_appendix\_e\_\_historic\_properties\_reqs\_508.pdf), Step 2):

#### Certification Information

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.

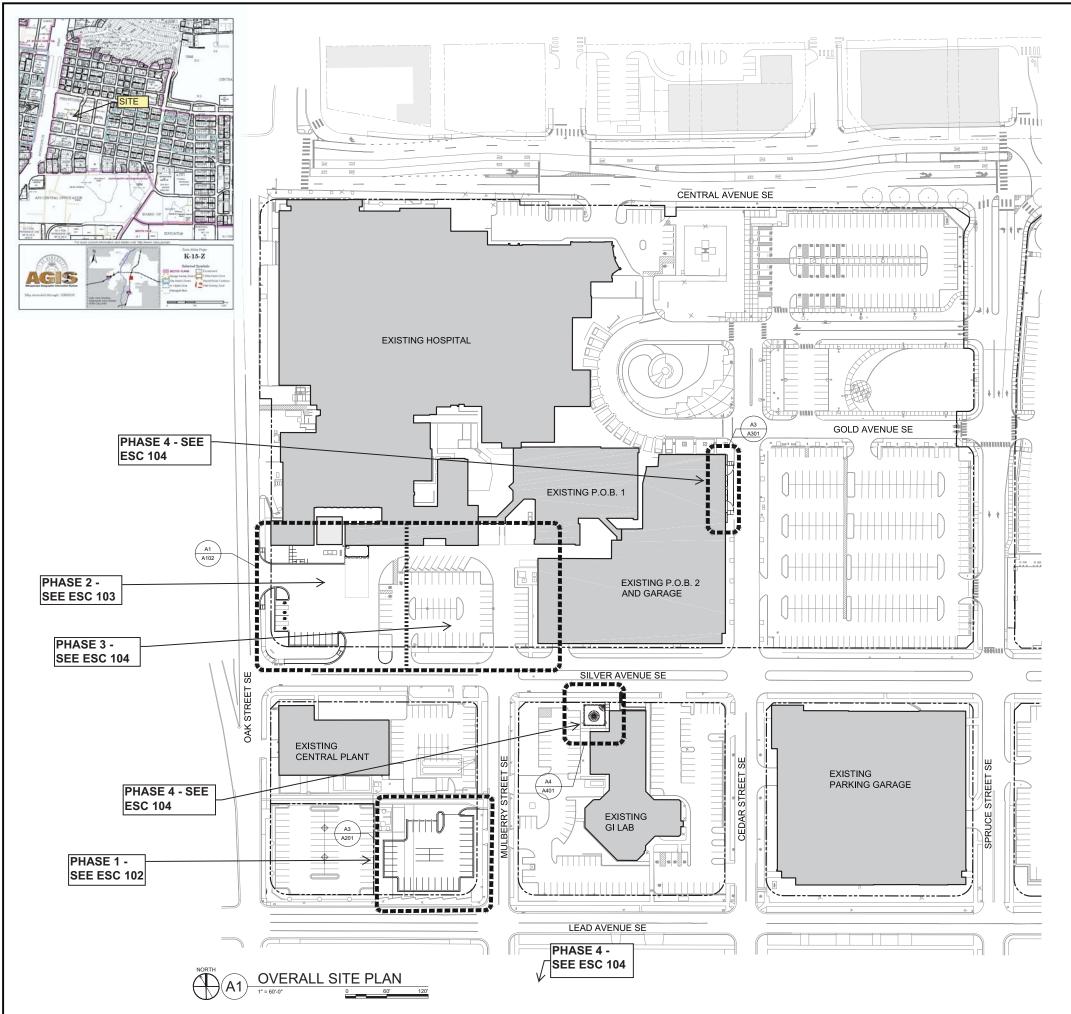
Prepared By: Mathew F. Vallejos

Certified By: Jim Jepson

Certifier Title: Administrative Director

Certifier Email: jjeppson@phs.org

Certified On: 09/27/2019 2:25 PM



### **PRESBYTERIAN HOSPITAL SITE IMPROVEMENTS**

1100 CENTRAL AVE SE ALBUQUERQUE NM

**EROSION AND SEDIMENT CONTROL** 

#### **EROSION AND SEDIMENT CONTROL PLAN (ESC PLAN)**

**TOTAL SITE ACRES 3.2 ACRES TOTAL DISTURBED AREA 3.2 ACRES** ESC 101 SHEET FOR PROJECT PHASING LOCATIONS, NOTES. SEE SHEETS ESC 102 FOR PHASE 1. SEE SHEET ESC SEE ESC 103 FOR PHASE 2. SEE ESC 104 FOR PHASES 3 & 4. SEE SHEET ESC 105 FOR BMP DETAILS WITH INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS. REFER TO SITE SWPPP FOR ADDITIONAL COMPLIANCE REQUIREMENTS

#### EROSION CONTROL/ENVIRONMENTAL PROTECTION/STORM WATER POLLUTION PREVENTION PLAN WATER AND WASTEWATER GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULFILLING ALL NECESSARY
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS INCLUDING, BUT NOT LIMITED TO,
OBTAINING AN NPDES PERMIT PRIOR TO CONSTRUCTION, FILLING OUT THE NOTICE OF INTENT (NOI) APPLICATION, AND

FILLING OUT THE NOTICE OF TERMINATION (NOT) APPLICATION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE IMPLEMENTATION OF AND INSPECTION REPORTS FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL SUBMIT THE SWPPP WITH THE PROPOSED CONSTRUCTION STAGING AREA AND TEMPORARY SANITARY FACILITIES CLEARLY SHOWN. ANY CHECK DAMS, SILT FENCES, OR OTHER BEST MANAGEMENT PRACTICES (BMPS) THAT ARE REQUIRED IN THE APPROVED SWPPP SHALL BE INCLUDED IN AND ARE INCIDENTAL TO THE SWPPP BID

AMOUNT.

2. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED SWPPP ON-SITE AT ALL TIMES, AND SHALL COMPLY WITH THE REQUIREMENTS INDICATED ON THAT PLAN.

3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST AND EROSION CONTROL

REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMIT

FROM THE REGULATORYAGENCIES. 4. THE CONTRACTOR SHALL EITHER PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR INSTALL BMPS IDENTIFIED IN THE APPROVED SWPPP TO PREVENT DISCHARGE OF EXCAVATED MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY DURING A RAIN OR WIND EVENT.

5. THE CONTRACTOR SHALL IMPLEMENT THE APPROVED SWPPP AND ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.

INTO PODUC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.

6. THE CONTRACTOR SHALL MITIGATE EROSION OF TEMPORARY OR PERMANENT DIRT SWALES BY INSTALLING BMPS
IDENTIFIED IN THE APPROVED SWPPP IN THE SWALES PERPENDICULAR TO THE DIRECTION OF FLOW, AND AT INTERVALS AS SPECIFIED IN THE SWPPP.

AS SPECIFIED IN THE SWIPP. 7. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES.

7. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLANCE WITH GOVERNMENT OWNINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED. WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.

8. ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR AN IMPERVIOUS SURFACE SHALL BE REVEGETATED WITH NATIVE GRASS SEEDING. WHEN CONSTRUCTION ACTIVITIES CEASE AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME WITHIN 14 DAYS, STABILIZATION MEASURES MUST BE INITIATED. UNLESS INDICATED OTHERWISE ON THESE PLANS OR ON THE LANDSCAPING PLAN, NATIVE GRASS SEEDING SHALL BE SEEDING PER SECTION 402 OF THE HEIGH MEMORY OF THE MANDED SEPTICIPATION.

SECTION 1012 OF THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, APWA NM CHARTER, LATEST EDITION. 9. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE. INCLUDING ITEMS DESIGNATED FOR REMOVAL

5. ALL WASTE PAGEOTO F AND THE CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.) GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONA COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS REPOLITED TO HAUL OR DISPOSE OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BYOURDED THAT THE WASTE

DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES AND ARCHAEOLOGICAL RESOURCES. AND ARCHAEULOGICAL RESOURCES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL,

MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLIDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM AT 505-827-9329.

11. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SUFFACE AND UNDERGROUN WATER. CONTACT WITH SUFFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE

MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS 12. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND

HOURS OF OPERATION. 13. WHERE STORM INLETS ARE SUSCEPTIBLE TO INFLOW OF SILT OR DEBRIS FROM CONSTRUCTION ACTIVITIES, PROTECTION SHALL BE PROVIDED ON THEIR UPSTREAM SIDE UTILIZING BMPS IDENTIFIED IN THE APPROVED SWPPP.



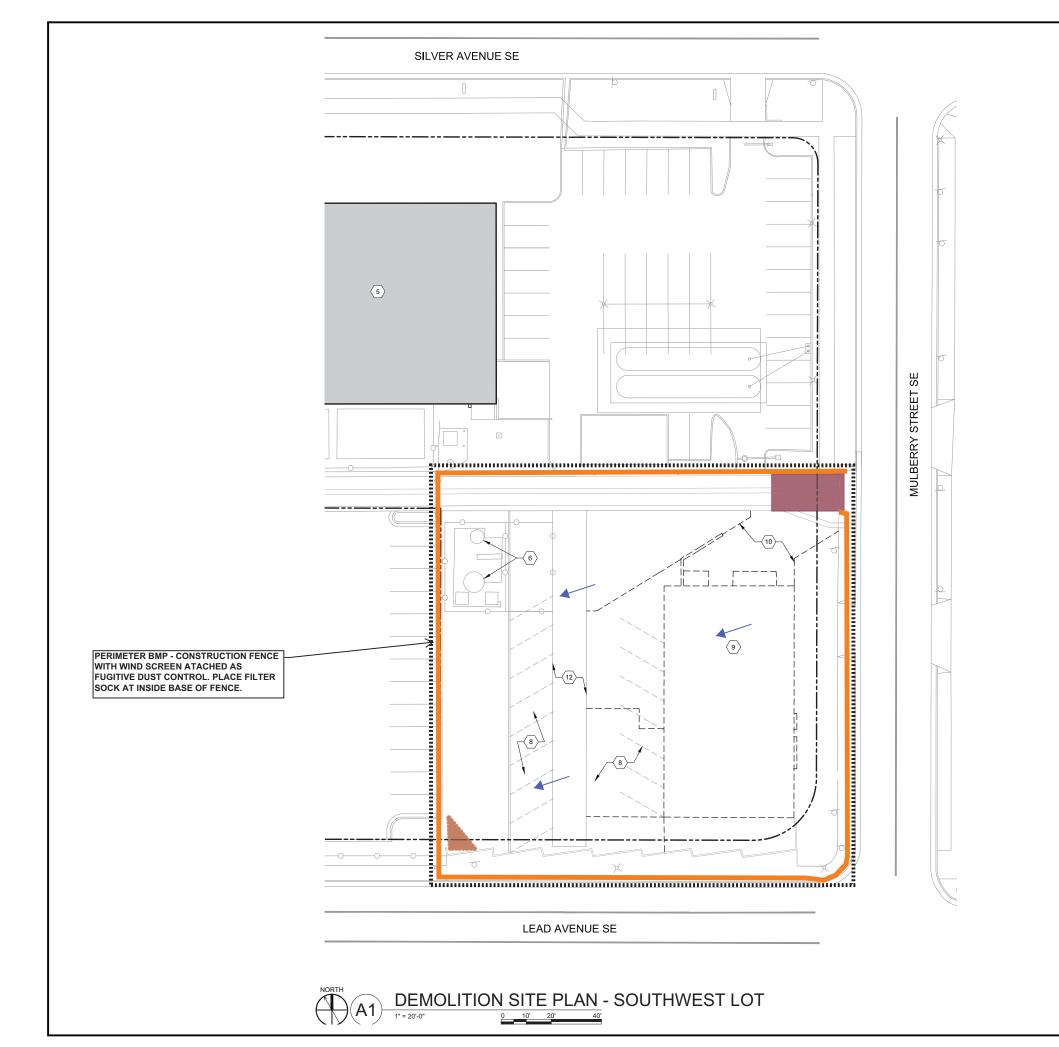
DRAWN BY M. VALLEJOS, CPESC-IT, CISEC

09/23/19



888-712-5120 PO BOX 400 LOS LUNAS NM 87031 BASED ON PLANS BY

**ESC 101** 



### **PRESBYTERIAN HOSPITAL SITE IMPROVEMENTS**

1100 CENTRAL AVE SE ALBUQUERQUE NM

**EROSION AND SEDIMENT CONTROL** PLAN

KEYED NOTES

1. PARKING LOT STRIPING, 4" WIDE TYPICAL, COLOR: WHITE
2. CONCRETE CURB AND GUTTER, SEE DETAIL D4/A201

3. EXISTING SWITCHGEAR

4. PARKING BUMPER
5. EXISTING CENTRAL PLANT
6. EXISTING CENTRAL PLANT
6. EXISTING CONTROL PLANT
7. NOT USED
7. NOT US

#### **ESC PLAN LEGEND**

#### IIIIIIII AREA OF DISTURBANCE











PORTABLE TOILETS (TBD)

WASTE CONTAINER (TBD)

**CONCRETE WASHOUT (TBD)** 



DRAWN BY: M. VALLEJOS, CPESC-IT, CISEC

09/23/19



ESC 102 PHASE 1

### **PRESBYTERIAN HOSPITAL SITE IMPROVEMENTS**

1100 CENTRAL AVE SE ALBUQUERQUE NM

#### **EROSION AND SEDIMENT CONTROL PLAN**

**ESC PLAN LEGEND** 

PERIMETER BMP (CONSTRUCTION FENCE WITH WINDFENCE, FILTER

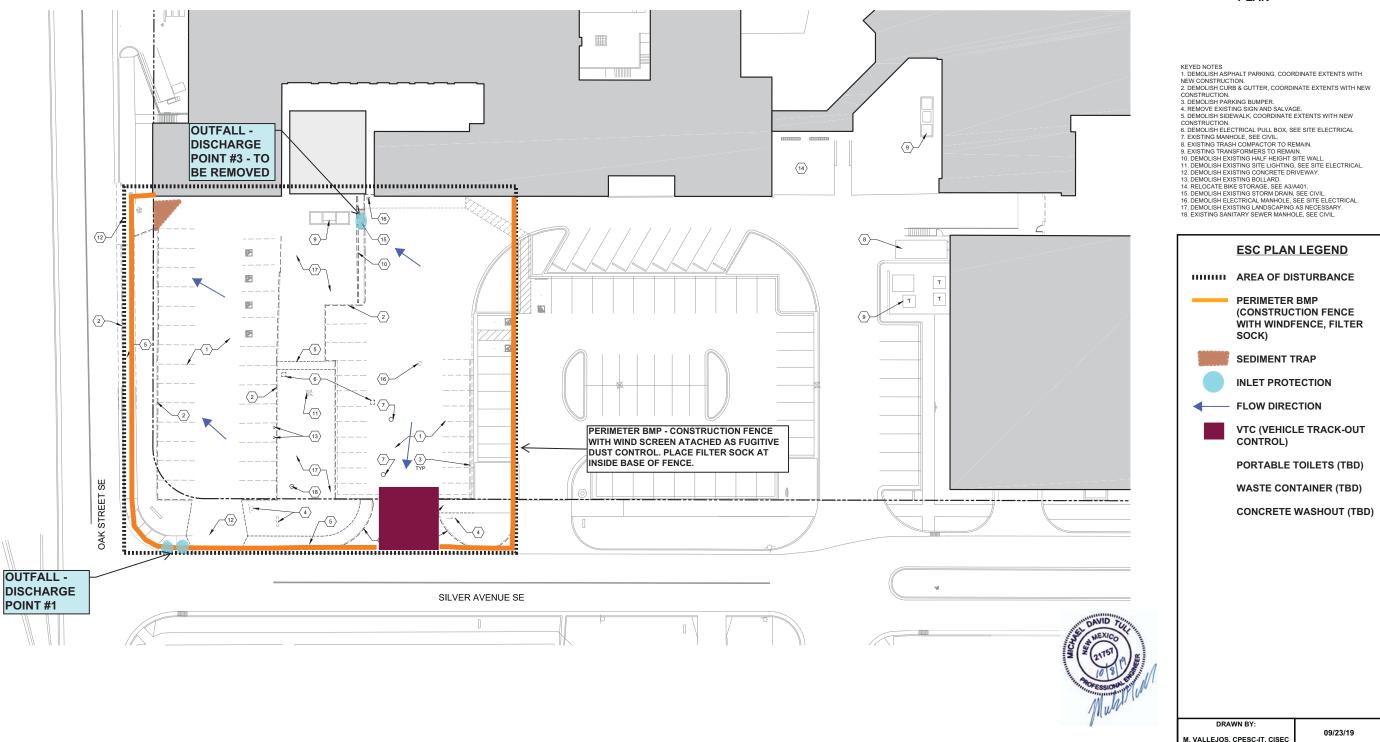
SEDIMENT TRAP INLET PROTECTION FLOW DIRECTION

CONTROL)

VTC (VEHICLE TRACK-OUT

PORTABLE TOILETS (TBD) WASTE CONTAINER (TBD)

**CONCRETE WASHOUT (TBD)** 



DEMOLITION SITE PLAN - DOCK EXPANSION

1° = 20'-0'

0 10' 20' 40'

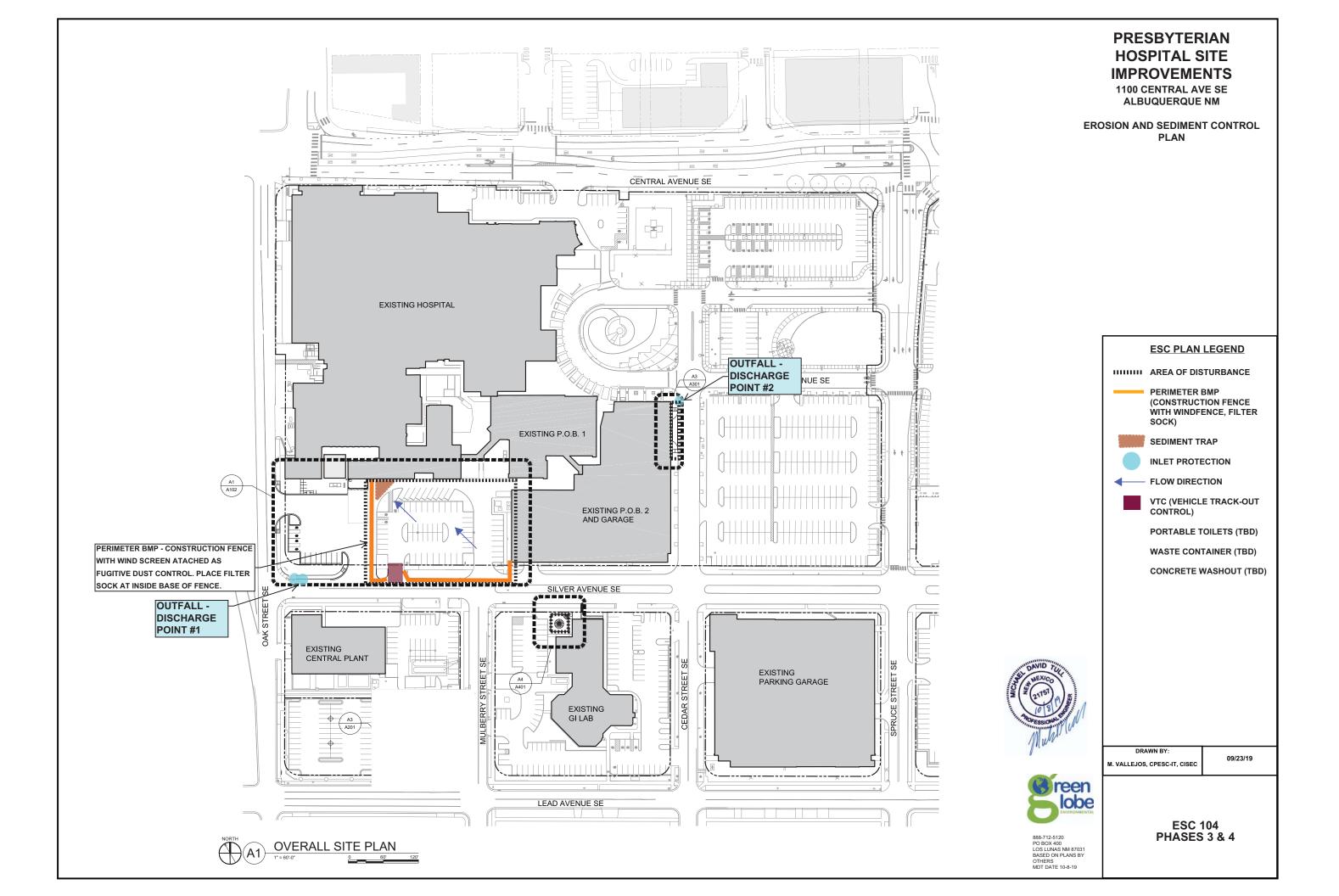


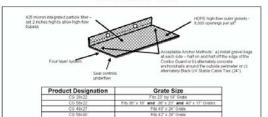
888-712-5120 888-712-5120 PO BOX 400 LOS LUNAS NM 87031 BASED ON PLANS BY OTHERS MDT DATE 10-8-19

**ESC 103** PHASE 2

DRAWN BY: M. VALLEJOS, CPESC-IT, CISEC

09/23/19





OR-9 Hooks\*\* or alternately concrete anchors/hashs or alternately back UV statistic cable tells (2 to 20°.)
Typipose

Otion dis representation is useful observed pedement dates water at the out-band grate opening and prevent the

Otion districts of production is useful observed pedement dates water underground give systems. The system reduces,
water velocity which causes heavier oil particles to be despetiated above ground. What allowing the through the most ob
the pairer filters certain smaller sized purificies from suspension and prevents them from flowing firrough the device and into

the pipor. Heavy flows are passed over the top of the filter. Advantages are that it is effective, durable, re-usable, easily

installed and cleaned.

Conditions Where the Practice Applies

It is recommended for use over cut & grate openings with small dinings areas. Generally, the drainage areas should be

less than 1.5 are and the total for intellis is saires thould be 1 acre or less with slopes filter than 5 percent in the

- less than 1.0 acre and the total for inlets in series should be 1 acre or less with slopes flatter than 5 percent in the contributing diminage area.

  Design Criteria

  Ceolegist Effect: Apparent Opening Size (AOS) = 425 micron integrated particle filter. Flow rate (ASTM D-4491) = 145 gents'. Provide a bypass over the top.

  Outer Jacks thaterial: HOPE: For detailed characteristics contact ERTEC. Module weight = 3 to 5 lbs. Module height = 5.0°. Module lengthlopening size protected varies as per the chart above according to grate size. Service temporature (exp) = -3.01s for Service size.
- temperature (etg. 7) = 501 to 150.

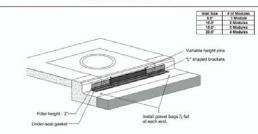
  Install system with the vertical section covering the curb risk and the horizontal section covering the galls. Alternate another methods listed above. If using Gravet Regs. place small grave bags containing clean, pee-sized graved or sech end of the cover and tuth the best (sight) earlier the curb to keep varies in the galler from Soving behind the filter (is not use sandbags). The porosity of the gravel bag should allow for design flow rate through the saft period of the section of the s

Maintenance
Perform maintenance as required. Inspect tollowing rainfail events and at least daily during prolonged realful. Maintain to provide an adequate sedement finding requestly. Boths as the remove delay and address the last be real to expect and address that the results are set of the real tollowing the real



A2-11

#### SWPPP Binder Insert - Curb Inlet Protection ERTEC Curb Inlet Guard™



Defination — ERTEC Curb Intel Guard

A temporary address the same. "It shaped, made of high density polysthylene (HDPL) with an integrated filter (overe generated), During commutation, place device over the opening of the curb storm intel near where social is disturbed (See drawings). Purpose

Storm data intelligence of the community of the curb storm and the curb guitar opening and prevent endinger, debts of the community of the curb storm data intelligence of the community of the curb storm and the curb of the community of the curb of the community of the curb o

- are passed over the top or ton metr. overwage, an even with small drainage areas. Generally, the drainage areas should be Conditions Whiter the Practice of pages.

  In the condition of the co

Maintenance
Perform maintenance as required. Impact blowing rainfal events and at least daily
perform maintenance as required. Inspect blowing rainfal events and at least daily
capacity. Traft is that lib exercised daily and as defined at least lib exercised when the
sectionest accumulation reaches it into. Removed sectionest what lib exercised when the
capacity and accumulation reaches it into. Removed sectionest what lib exercised when
the project at designated locations or disposed-of raintside the project or
conformance with requirements. Remove the device as the fall stabilization has

Curb Inlet Guard
ERTEC Environmental System
www.ertecsystems.com
Toll Free: 286-521-0724

Slope Protection

Sediment Trapping Channel Protection

Permanent Stabilization Waste Management

Toxic Materials

Oil and Grease

Impact

Significant

✓ Medium

A2-12

let nature do it."

INSTALLATION

Filtresx\* Sediment control is to be installed down slope of any disturbed area requiring erosion and sediment control and filtration of soluble pollutants from runoff. Sediment control is effective when installed perpendicular to sheet or low concentrated

On frozen ground where trenching of silt fence is

INSTALATION

1. Sediment control used for perimeter control of sediment and soluble pollutants in storm runoff shall meet Flitrexs\* Scox\* Material Specifications and use Certified Filtrexx\* filterMeda\*\*.

2. Contractor is required to be Filtrexx\* Certified\* as determined by Filtrexx\* International, LLC.

flow. Acceptable applications include:

(440-926-2607 or visit website at www.filtrexx, com). Certification shall be considered current if appropriate identification is shown during time of bid or at sine of application (current listing can be found at www.filtrexx.com). Look for the Filtrex\* Certified\* Sed.

3. Sediment control will be placed at locations indicated on plans a directed by the Enginex.

4. Sediment control should be installed parallel to the base of the double or early faintheyd area. In

filtrexx.

**SWPPP Cut Sheet:** 

**Erosion & Sediment Control - Construction Activities** 

Filtrexx® Sediment Control Sediment & Perimeter Control Technology

- 4. Sediment control should be installed parallel to the base of the object or other disturbed area. In extreme conditions (i.e., 2:1 slopes), a second Sediment control shall be constructed at the top of the slope.
  5. Effective Sox<sup>28</sup> height in the field should be as follows: B' Dameetr Sediment control = 0.5° high, 12° Dameetr Sediment control = 0.5° high, 18° Dameetr Silchors<sup>28</sup> ~ 14.5° high, 24°
  Dameetr Silchors<sup>28</sup> ~ 14.5° high, 24°
  Dameetr Sediment control = 19° high,
  6. Sickes shall be installed through the middle of the Sediment control = 10° (full) externe, using flow. Acceptable applications include:

  - Site perimeters

  - Above and below disturbed areas subject to sheer runoff, interest and mill remove the town of the area of the perimeters. Above and below exposed and erodable slopes.

  - Around area drains or infest located in a 'sump'.

  - On compacted soils where trenching of silt fence is difficult or impossible.

  - Around sensitive tress where trenching of silt fence is not beneficial for tree surviva or may unnecessarily disturb established vegatation.

  - On forces resound where trenching of silt fence is
  - the Sediment control on 10 ft (3m) centers, usin 2 in (50mm) by 2 in (50mm) by 3 ft (1m) hard wood stakes. In the event staking is not possible, i.e., when Sediment control is used on pavement, heavy concrete blocks shall be used behind the Sediment control to help stabilize during stabilization.

  - behind the Sodiment control to help stabilize during similalifusoff events.

    5. Staking depth for sand and sile laura soils shall be 12 in (800mm) and 8 in (200mm) for clay soils.

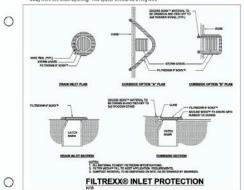
    8. Loose compost may be backfilled along the upslope side of the Sediment control, filling the seam between the soil surface and the device, improving filtration and sediment retention.

    9. If the Sediment control 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 regetation. The Engineer will specify seed requirements.

Construction Activities | Section 1: Erosion & Sediment Control | 323

INSTALLATION SPECIFICATION

INLET PROTECTION - Compost Filter Sock



 $\textit{Refer to Design Specification for complete application, design, installation, maintenatrice, and \textit{removal documentation}. \\$ 

Prince Charles on the Control on Committee Control on the Control on the Control on Cont

INSPECTION AND MAINTENANCE

MISPECTION AND MISPEANCE
Routine impection should be conducted within
24 hrs of a runeff event ye as designated by the
regulating authority. Seliment control should be
regulately impected to mike sure they maintain their
shape and are producting adequate hydraulie flowthrough. If post fling becomes excessive, additional
Seliment control may be required to reduce effective
slope length or seliment removed may be nonstayed to the state of th

- be repaired, or replaced if beyond repair,
- 10. Filtrex.\* Sediment control is not to be used in peternial, rphemeral, or intermittent streams, Sediment control matthiosof for correct Filtrex.\*

  See design drawing schenatic for correct Filtrex.\*

  Sediment control matthioso (Figure 1.1).

  MARGERIAN AND MARGERIAN AND CONTROL SERVICE SERVIC new Sediment control can be praced on usp or and slightly behind the original one creating more sediment storage capacity without soil disturbance. Sedimentcontrol shall be maintained until
  - permanently stabilized and construction activity
  - has ceased.

    5. The Filte/Media<sup>20</sup> will be dispersed on site once disturbed new has been permanently stabilized, construction activity has ceased, or as determined
  - filtration of sediment and soluble pollutant

| Slope Percent | Maximum Slope Length Above Sediment Control in Feet (meters)* |  |  |  |   |
|---------------|---|--|--|--|---|
|               | 8 in (200 mm) Sediment<br>control<br>6.5 in<br>(160 mm)**     | 12 in (300 mm)<br>Sediment control<br>9.5 in<br>(240 mm) *** | 18 in (450 mm)<br>Sediment control<br>14.5 in<br>(360 mm) ** | 24 in (600mm)<br>Sediment control<br>19 in (460 mm) ** | 32 in (800mm)<br>Sediment control<br>26 in<br>(650 mm) ** |
|               |   |  |  |  |   |
| 5             | 400 (120)   | 500 (150)  | 550 (165)  | 650 (200)  | 750 (225)   |
| 10.           | 200 (60)  | 250 (75)   | 300 (90)   | 400 (120)  | 500 (150)   |
| 15            | 140 (40)  | 170 (50)   | 200 (60)   | 325 (100)  | 450 (140)   |
| 29            | 100 (30)  | 125 (38)   | 180 (42)   | 260 ((0)   | 400 (120)   |
| 25            | 80 (24)   | 100 (30)   | 110 (33)   | 200 (60)   | 275 (85)  |
| 30            | 60 (18)   | 75 (23)  | 90 (27)  | 130 (40)   | 200 (90)  |
| 35            | 60 (18)   | 75 (22)  | 80 (24)  | 115 (25)   | 150 (45)  |
| 40            | 60 (18)   | 75 (23)  | 80 (24)  | 100 (30)   | 125 (38)  |
| 45            | 40 (12)   | 50 (15)  | 90 (18)  | 80 (24)  | 100 (30)  |
| 50            | 40 (12)   | 50 (15)  | 55 (17)  | 65 (20)  | 75 (23)   |

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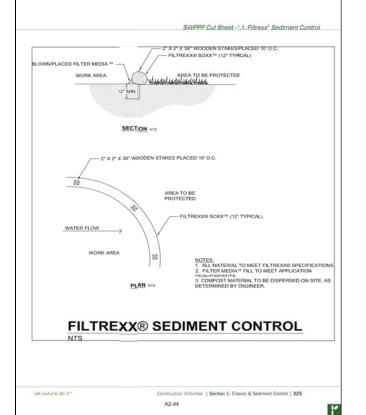
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PRESBYTERIAN HOSPITAL SITE IMPROVMENTS Σ ALBUQUERQUE,

DRAWN BY SLK REVIEWED BY MDT DATE 9/22/16 PROJECT NO.

EROSION AND SEDIMENT CONTROL DETAILS AND NOTES

**ESC 105** 



Concrete Waste Management DESCRIPTION

Concrete waste management prevents or reduces the discharge of pollutants to storm water by conducting washout offsite, performing onsite washout in a designated area, and training employees and subcontractors. APPLICATIONS

Store dry and wet materials under cover, away from drainage areas.

- Avoid mixing excess amounts of fresh concrete or cement onsite. Perform washout of concrete trucks offsite or in designated areas only.
- Do not wash out concrete trucks into storm drains, open ditches, streets, or streams. Do not allow excess concrete to be dumped onsite except in designated areas.
- For onsite washout: <sup>35</sup> Locate washout area at least 50 feet from storm drains, open ditches, or water bodies. Prevent runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
- Wash out wastes into the temporary pit where the concrete can set, be broken up, and then disposed of properly.
- Do not wash sweepings from exposed aggregate concrete into the street or storn drain. Collect and return sweepings to aggregate base stock pile, or dispose in the trash.
- Train employees and subcontractors in proper concrete waste management. LIMITATIONS

Offsite washout of concrete wastes may not always be possible. MAINTENANCE REQUIREMENTS

If using a temporary pit, dispose of hardened concrete on a regular basis.

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filtrexx. INSTALLATION 0 meter Control

MSTALLATION

1. Intel protection shall be placed at locations indicated on plans as directed by the fingineer. Intel protection should be installed in a pattern that allows complete protection should be installed in a pattern that allows complete protection should be installed in a pattern that allows complete protection of the shelf area.

2. Lamb of such data in 1500mm; to make the sade of the amount of the plant area. The protection is supported to the sell behind the curb using staples, stakes or other devices capable of holding the links protection with the anchored to the sell behind the curb using staples, stakes or other devices capable of holding the links protection in place.

In the links protection in place, the protection and curb sell-general containments will use the (20mm) data the protection in severe them is statusors, large in list protection in severe them strategies and in links to install the compacted to be a link (40mm) and the protection in severe them strategies and sell-general strategies and of the links protection may be acceptable in order to keep the area from Booding.

5. Curb and drain indeprotection where the custile is not extended to the links protection may be acceptable in order to keep the area from Booding.

5. Curb and drain indeprotection the custile of the links protection and culture and the protection and the prote

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