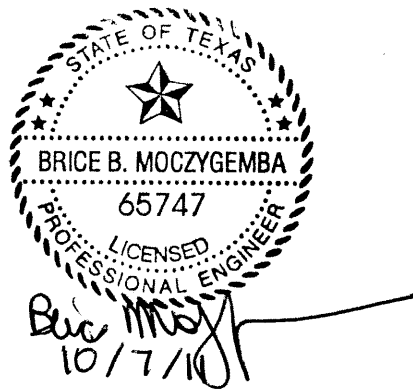


ADDENDUM NO. 2
to
PLANS and SPECIFICATIONS
for

Medina River Sewer Outfall, Segment 3
SAWS Job No. 11-2504



Issue Date: October 7, 2011

**SAN ANTONIO WATER SYSTEM
MEDINA RIVER SEWER OUTFALL, SEGMENT 3
SAWS PROJECT # 11-2504
ADDENDUM NO. 2**

October 7, 2011

This addendum, applicable to the project noted above, is an amendment to the bidding and specification documents and as such shall be a part of and included in the Contract. Acknowledge receipt of this addendum by entering the addendum number and issue date in the spaces provided on all submitted copies of the proposal.

1.0 Addendum Purpose

The purpose of this addendum is to issue revisions and clarifications for the Medina River Sewer Outfall (MRSO), Segment 3 (SAWS Job No. 11-2504).

2.0 Clarifications

A. The mandatory Pre-Bid Conference was held on September 28, 2011. Minutes from the meeting are attached and are considered part of this Addendum.

3.0 General

A. Storm Water Pollution Prevention Plan – Add the attached Storm Water Pollution Prevention Plan Report and Plan Sheets titled “Medina River Sewer Outfall: Segment 3, SAWS JOB # 11-2504, Storm Water Pollution Prevention Plan” (attached).

4.0 Specifications

A. Invitation to Bidders - Bids will not be accepted from any company not represented at the mandatory pre-bid meeting held on September 28, 2010 at 2:00 pm. The following list is a record of the represented firms:

- Ace Pipe Cleaning
- Western Summit Constructors
- T Halle Construction
- Morgan Construction
- Don Kelly Construction
- HOBAS Pipe
- Ledcor CMI, Inc.
- Pipelayers, Inc.
- John D. Stephens, Inc.
- Holloman
- DNT Construction
- Sundt Construction
- MGC Contractors
- James Construction Group
- S. J. Louis Construction
- Ferguson
- Pesado Construction

- S G C (Silverado General Contractor)
 - L F Manufacturing
 - Lewis Contractors, Inc.
 - Texas Sterling Construction
 - USCPS
 - S R Weidema
 - BRH-Garver Construction
 - Quest Civil Constructors
 - Slack & Co.
- B. Table of Contents - Remove page 1 of the Table of Contents and replace with the revised version attached to this Addendum.
- C. Bid Proposal – The Bid proposal quantities have been revised. Remove and replace the Bid Proposal with the one attached to this addendum.
- D. Bid Proposal Checklist – Remove and replace the Bid Proposal Checklist with the one attached to this addendum.
- E. Good Faith Effort Plan (GFEP) – Remove and replace the GFEP with the one attached to this addendum.
- F. Insert the W-9 Request for Taxpayer Identification Number and Certification immediately following the Security Procedures, Exhibit “C”. See W-9 Request for Taxpayer Identification Number and Certification attached to this addendum.
- G. Section 01120, Disputes Review Board, Paragraph 1.04.B – Delete the Last Sentence and Replace with the following: “Thereafter the Disputes Review Board shall meet quarterly or as called upon by either the CONTRACTOR or the ENGINEER to hear a dispute.”
- H. Section 01120, Disputes Review Board – Delete Paragraph 1.02.B
- I. Section 01500, Construction Facilities and Temporary Controls – Delete paragraph 1.08.C.

5.0 Plans

- A. Drawing No. G-01, Sheet No. 2 – The Bid Quantities have been revised. Remove and Replace this sheet with the attached plan sheet.
- B. Drawing No. C-48, Sheet No. 16 – The area of the erosion control matting has increased. Remove and Replace this sheet with the attached plan sheet.

- C. Drawing No. C-56, Sheet No. 24 – The length of the tunnel or bore under State Highway 16 has increased. Remove and Replace this sheet with the attached plan sheet.
- D. Drawing No. C-63, Sheet No. 31 – Add the following to the call out for the Siphon Barrels: 1-42” Barrel (FRP, SN-72), 1-30” Barrel (FRP, SN-72), and 1-12” Barrel (PVC, SDR 26). Remove and replace this sheet with the attached plan sheet.
- E. Drawing No. C-65, Sheet No. 33 – The length of the tunnel or bore under Quesenberry Road has increased. Remove and Replace this sheet with the attached plan sheet.
- F. Drawing No. S-29, Sheet No. 47 – Delete the Neenah R-3490 Mooring Eye, Typ. from the Concrete top slab of the Teebase Manholes.

6.0 Pre-Bid Meeting Questions

Question: Who makes the connections to the beginning/end of the Project?

Answer: *Which ever contractor gets there last. See the Connection Details on Drawing No. D-02, Sheet 48.*

7.0 Questions and Answers

Question: I'm reasonably sure there will be a sizable need for grout for annular space & flowable fill ? on this project. I would appreciate numbers of cy,s of material needed as well as required performance standards.

Answer: *Yes, flowable fill and grout is required for this project. It is the Contractors/Subcontractors responsibility to determine the necessary amount for the project and include the cost in the applicable pay items.*

Question: Our administration was gathering front end paperwork for which is required to be submitted with the Bid Packet for the above referenced project and noticed that in the checklist there are three (3) items that referenced the 'Instructions to Bidders, page B-7', which states only the low bidder needs to submit this within one (1) day from bid. However; later found in the 'Supplementary Conditions' SS-1 it states Item 23 for ITB Page IB 7 must be with the bid packet the day of the bid opening. It also states in that paragraph that the "apparent low bidder" must submit that (which won't be known at time of submitting the bid packet).

We are confused, and feel that some of this information is considered "confidential" and would expect that the information would be handled accordingly, should it be required the day of bid or the day after the bid.

Should such items as a ‘financial statement’ be required to be submitted with the bid packet at bid time, that the contractors be allowed to enclosed that information within another envelope and only be opened should we be the apparent low bidder. Should we not be the apparent low bidder, then we would ask that this envelope with such confidential information enclosed be returned to us “UNOPENED” when the 5% bid bond is returned.

Answer: The Supplementary Conditions take precedence as it relates to the items you referenced. All documents listed on the Bid Proposal Checklist are required and must be included in the bid packet at the time of submission. It is acceptable to submit the financial statement in a sealed envelope separate from the bid proposal, bid bond/certified or cashier’s check and other required documents. However, bid bonds/certified or cashier’s checks from the first, second and third lowest bidder will be retained until the contract is executed, as outlined in the Instructions to Bidders.

Question: Is the manhole design detailed on Sheet 47 of the project plans intended to provide an additional approved fiberglass manhole design or intended to replace the SAWS standard fiberglass manhole design (Item #853)?

Answer: The Tee-base manhole detailed on Sheet 47 is the only Tee-base manhole that will be accepted for this project. Fiberglass manholes that meet the project specifications and SAWS standard specifications will be acceptable for the Air Bypass Piping Manholes only.

Question: LFM manholes typically have a cone-top that is AASHTO H20 traffic-rated per SAWS Item #853. The detail drawing on Sheet 47 shows a plain end pipe with a precast concrete slab top. Is the FRP cone top design as described in SAWS Item #853 acceptable on this project and for this alternate manhole design?

Answer: The Tee-base manhole detailed on Sheet 47 is the only Tee-base manhole that will be accepted for this project. Fiberglass manholes that meet the project specifications and SAWS standard specifications will be acceptable for the Air Bypass Piping Manholes only.

Question: The sidewall design of LFM manholes is rated for AASHTO H20 traffic loading per SAWS Item #853. (Per 853.2.1.d of SAWS Item 853 “Class: Manholes shall be manufactured in one class of load rating. This class shall be AASHTO H-20 wheel LF Manufacturing, Inc – 5528 East Highway 290 – PO Box 578 – Giddings TX 78942 800 237 5791 toll free – 979 542 8027 main – 979 542 0911 fax – www.LFM-FRP.com load.”) The detail drawing on Sheet 47 shows a requirement for a 72-psi pipe stiffness for vertical pipe (manhole riser). Historically, this has not been a

requirement for SAWS fiberglass manholes. Is the AASHTO H20 traffic-rated manhole design LFM has typically used on prior and current SAWS projects acceptable on this project?

Answer: The Tee-base manhole detailed on Sheet 47 is the only Tee-base manhole that will be accepted for this project. Fiberglass manholes that meet the project specifications and SAWS standard specifications will be acceptable for the Air Bypass Piping Manholes only.

Question: LFM offers a variety of bottom designs, including the SAWS Item #853 bottom design. The detail drawing on Sheet 47 shows a “tee-base” manhole configuration with the vertical pipe (manhole riser) resting on the concrete encasement. This is a departure from SAWS Item #853. Furthermore, tee-base manhole designs typically include an integral flexible coupling (i.e. FWC, REKA, etc) at the bottom of the riser to provide a flexible watertight connection. The detail drawing on Sheet 47 shows a non-shrink epoxy grout as the sealing mechanism at the tee-base interface. LFM can conform to this design using a plain-end riser bottom; however, some contractors prefer the integral FWC design as it can provide a lower installation cost. Is the flexible coupling connection acceptable in lieu of the non-shrink epoxy grout connection? LFM would prefer to quote both types of connections as options.

Answer: The Tee-base manhole detailed on Sheet 47 is the only Tee-base manhole that will be accepted for this project. Fiberglass manholes that meet the project specifications and SAWS standard specifications will be acceptable for the Air Bypass Piping Manholes only.

Question: The first question that came up with my team is the progress of the current contract for Segment 2 (SAWS Job # 11-2503). Because there are a couple of options for this tie in, and a couple of ways we might look at this, we were wondering if you could give us some insight on the progress of the Segment 2 project. Specifically, we were wondering if you could share with us the current schedule for that contractor to be at or near station 549+19.25 (MH-101 (DROP)) for Segment 2. We realize dates may change, but if we had a general idea of that time table, that would be very helpful to us in our planning and bidding.

Answer: The Bid Proposal includes a bid item for making a connection at each end of the project. The contractor should include the cost for making each connection. Please review Item 10 of the instructions to bidders regarding “Unbalanced Bids”.

Question: Because the grounds appear to have areas of very hard conditions, the question of breaking up those soils have come up. Has it been the experience of SAWS that on the previous projects that the excavators have

been able to dig and rip those soils? We recognize that blasting is ‘not’ allowed, so we want to be assured that the soils are in fact digable with large excavators. Has there been a need for using vibrating hammers to penetrate any of these soils for this program?

Answer: The Contractor shall utilize the Geotechnical Data Report and Geotechnical Baseline Report to evaluate the soil conditions they shall expect to encounter during construction.

Question: The other question that we came up with is for the proposed work West of State Highway 16 by others. We realize that the dates may not be established, but we were hoping that you and/or your team members have spoken in detail with the folks that may be planning to do that work. There are a few “proposed 8” water” by others that could deeply impact our method and progress through that area (specifically between station 755+00 and 767+00 (+-1200’ stretch)).

Answer: The proposed development on the Presto Tierra Property (i.e. the proposed Development west of State Highway 16) has been designed by Pape-Dawson Engineers, Inc. Coordination has been ongoing throughout the project with the team designing that development. Any construction that commences on the Presto Tierra Property during construction of the Contract will be coordinated.

Question: One last question that we came up with is the area of the Siphon and those two structures between station 832+50 and 836+50. Because there are not any soil borings in that specific area, we were wondering what the design criteria was based on. What are the anticipated groundwater levels through that stretch? What types of soils can be anticipated (specifically the bottom 10-20’)? Since access is limited at this time, we would request that additional information be provided for this area to all contractors.

Answer: The Contractors bidding the project must use the Geotechnical Data Report and Geotechnical Baseline Report, their own judgment and experience to determine the soil conditions at the Siphon Structure. Boring B-34A in the Geotechnical Data Report is in the general area of the siphon.

Question: Can native material be used for the initial bedding material with the fiberglass pipe?

Answer: All Bedding and Backfill must meet the requirements outlined in Section SS804 of the project specification and SAWS Standard Specification Item Number 804.

Question: Is imported stone material required for the bedding and initial backfill of the fiberglass pipe?

Answer: *All Bedding and Backfill must meet the requirements outlined in Section SS804 of the project specification and SAWS Standard Specification Item Number 804.*

Question: Which properties were obtained by condemnation?

Answer: *The Hanford Southport and Presto Tierra properties.*

Question: What type of water and at what rates can water be purchased from SAWS for use in obtaining the required moisture content in the backfill?

Answer: *Per General Condition 5.25, the CONTRACTOR shall make their own arrangements for water at their own expense. One option for acquiring water from SAWS is to apply for a fire hydrant meter. See the Application attached to this addendum. See the SAWS following web link for additional info and rates for water from a fire hydrant meter: http://www.saws.org/business_center/developer/firehydrants/*

Question: Is silt fence required on the edge of the permanent easement during construction?

Answer: *See the Stormwater Pollution Prevention Plan attached to this addendum.*

Question: If the contractor obtains an easement from a property owner, will silt fence be required on the limits of construction?

Answer: *The contractor shall provide stormwater pollution prevention measures for all disturbed areas.*

Question: We are a sewer and water contractor from out of state that is going to bid the Medina River Sewer Outfall - Segment 3 project and would appreciate some help in locating newspapers or trade publications.

Answer: *The following is a list of newspapers that can be used to solicit SMWB subcontractors. In no way is the following list comprehensive, and prime contractors are not limited to this list:*

*La Prensa: http://www.laprensasa.com/1641_comunidad/index.html
San Antonio Business Journal: <http://www.bizjournals.com/sanantonio/>
San Antonio Express News:
<http://www.express-news.com/advertising/home/index.php>
The Daily Commercial Recorder:
<http://www.primetimenewspapers.com/dcr/>*

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The Hart Beat: <http://salegalnews.com/>
The San Antonio Observer: <http://www.saobserver.com/>
The San Antonio Register: <http://saregister.com/>
The Southside Reporter:
<http://www.primetimenewspapers.com/marketing/ssr.pdf>

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ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 2 and the associated attachments by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 2 along with the bid submitted herewith is in accordance with the information and stipulations set forth.

Date

Signature

END OF ADDENDUM NO. 2

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ADDENDUM 2 ATTACHMENTS

CLARIFICATIONS

LAND DEVELOPMENT ENVIRONMENTAL TRANSPORTATION WATER RESOURCES SURVEYING

PROJECT: San Antonio Water System
Medina River Sewer Outfall
Segment 3 Project
SAWS Job No. 11-2504
Solicitation No. B-11-028-DD

DATE: 10/04/11

CONFERENCE LOCATION: SAWS – Tower I
1st Floor Cafeteria

CONFERENCE DATE: 09/28/11
2:00 p.m.

PURPOSE OF MEETING: Mandatory Pre-Bid Meeting

ATTENDEES:

See Attached Sign In Sheet for Attendees

FROM: David M. Evans

PROJECT NO.: 6866-00 (2.6)

CC:

DISCUSSION:

Introduction

- Jerry Berry with Pape-Dawson Engineers, Inc. introduced himself as the Design Consultant on the project. Jerry then introduced Patrick O'Connor of the San Antonio Water System (SAWS), who is the SAWS Project Manager for this project, along with Diana W. Dwyer (SAWS Contract Administration). Jerry also introduced Joe Molina, the Construction Project Manager, David Evans and Justin Lieck (all with Pape-Dawson Engineers, Inc., the Design Consultant on the project).
- Jerry indicated that since this was a mandatory Pre-Bid meeting, he stated that all in attendance must sign the "sign-in" sheet that was being circulated, in order to submit a Bid for the project, per the *Invitation to Bidders*.
- Jerry then turned the meeting over to Diana to discuss the requirements of the bidding process.

Bidding Process

- Diana reported that sealed bids will be received by SAWS Contract Administration Division, per the *Invitation to Bidders* until 10:00 a.m., October 18, 2011. If mailing a bid, contractors should make arrangements to ensure that their bid is received prior to the deadline.
- All technical questions, questions regarding this solicitation, or any additional information, should be submitted in writing via email to ddwyer@saws.org or by fax at 210-233-5218 to Diana W. Dwyer, Contract Administration, no later than 4:00 p.m. (CST) on October 3, 2011. Potential bidders or suppliers should no contact the design consultant or project engineer directly.

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San Antonio Water System

Medina River Sewer Outfall – Segment 3 Project; SAWS Job No. 11-2504

Mandatory Pre-Bid Meeting

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- Answers to the questions will be posted to the web site on October 7, 2011 as part of an Addendum.
- This project has an estimated cost of \$15,758,185.00, and is a 540-calendar day contract.
- Addendum No. 1 of the project was issued on September 26, 2011, which changed the location of the mandatory Pre-Bid Meeting.
- A copy of the Conference Memo of today's meeting would be issued by Addendum so that everyone had the benefit of what was discussed today.
- Diana reported that there is a "Site Visit" scheduled for tomorrow morning (9/29/11), and that the Site Visit was not mandatory.
- Diana reviewed the mandatory items to be submitted with the Bid Packet, which are shown on the ***Bid Proposal Checklist*** in the bidding documents, and attached.
- The SMWB goal for this project is 17%. Contractors should make every effort to meet this goal. For assistance in the certification process or in the efforts to meet this goal, contractors may contact Marisol Robles, SMWB Program Manager at 210-233-3420 up until the bid opening date. A new Good Faith Effort Plan (GFEP) will be made available by upcoming Addendum, which should be used when submitting a bid for this project. Contractors will be required to utilize the Subcontracting Payment and Utilization Reporting (S.P.U.R.) system for verifying payment to subcontractors as indicated on the GFEP.
- Required signs, Wage and Hour classifications, and payment to subcontractors will be monitored on this project by SAWS and TWDB. The current prevailing wage rates are included in the bidding documents and should be used unless a revised listing is made available prior to the bid opening via Addendum. If the prevailing wage rates should change after the bid opening, those included in the specifications (or addendum) will remain.
- Diana also reported that SAWS currently utilized the *LCP Tracker* computer software to monitor payroll information and the contractor will be required to submit payroll information weekly using this system, as well.
- A sample Insurance Certificate or a letter from the insurance company providing coverage should be submitted with the contractor's bid package. In addition, the contractor must be 100% compliant on any and all other SAWS projects.
- The Escrow Bid Documents (referenced in the Special Conditions, sheet SC-1) are due to SAWS 3 days after the Bid Opening.
- Diana asked that the Statement of Bidder's Experience (Attachment A found on sheet SCA-1 of the Bid Documents include recent projects as well.
- Diana asked if there were any questions about the Bidding Process at this time. There were none.
- Diana turned the meeting back over to Jerry Berry to provide details of the project.

Program Overview

- 32 miles of sanitary sewer pipeline from the Dos Rios Water Recycling Center, westerly to southwest San Antonio, in the vicinity of US Hwy 90 and Montgomery Road (and extension of Hwy 211), south of US Hwy 90.
- Proposed alignment is north of the Medina River.

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- Overall project is being bid in six (6) segments.
- Segments 1, 2 & 6 are currently under construction. The various segments consist of the following pipe diameter sizes:
 - Segment 1 – 96-inch diameter pipe
 - Segment 2 – 78-inch diameter pipe
 - Segment 3 – 66-inch diameter pipe
 - Segment 4 – 66-inch diameter pipe
 - Segment 5 – 66-inch and 60-inch diameter pipe
 - Segment 6 – 36-inch diameter pipe

Segment 3 Overview

- Segment 3 limits begin on the west side of Applewhite Road and traverse westerly to the east side of Somerset Road.
- Approximately 6 miles (31,492 LF) of sixty-six inch (66”) diameter fiberglass sanitary sewer pipe.
- Approximately 465 LF of bores under roadways (295 feet under State Hwy. 16, 47 feet under Quesenberry Road and 120 feet under Somerset Road).
- Average depth is approximately thirty-five feet (35’). Contractor must demonstrate experience with pipeline installations in these depths.
- 285 LF of 3-Barrel (12, 36 & 42-inch) siphon with 30-inch Air Jumper.
- The Engineers’ Opinion of Probable Construction Cost is approximately \$15.8 million.

Easement Status

- All easements have been obtained.
- Two (2) of the easements were acquired via condemnation, but SAWS has easement access.

Construction Management Team

- Pape-Dawson Engineers will be providing Construction Management services on the project.
- Jerry will be the Construction Manager for the project. Jerry indicated that Joe Molina, of Pape-Dawson Engineers, would be the Project Manager on the project. There will also be a Construction Observer for each project.
- SAWS Inspectors will also be checking in on the project.

Other Projects

- Medina River Sewer Outfall (MRSO), Segment 2 – currently under construction. Scheduled for completion in March of 2012.
- MRSO Segment 4 – Bid Opening tentatively scheduled for December 2011.
- MRSO Segment 5 – Bid Opening tentatively scheduled for November or December 2011.

Addendum No. 1

- Issued September 26, 2011, changed the location of the mandatory Pre-Bid Meeting.

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Addendum No. 2

- Section 01500 – delete requirements for owner’s construction trailer. The owner is currently using a construction trailer located at Leon Creek Water Recycling Center (WRC) on Mauermann Road.
- Include Storm Water Pollution Prevention Plan (SW3P) requirements.
- Response to questions during the bidding process.
- Revisions to Drawing and Specifications.
- Conference Memo of today’s meeting, including a copy of the Sign-In sheet.
- Revised Good Faith Effort Plan.

Permits

- Special Condition 3 (shown on Sheet SC-1) requires Contractor to obtain all necessary permits and pay all associated fees in obtaining the permits. Some of the permits have been preliminary applied for, but will need to be re-submitted by the contractor, or SAWS, and won’t be official until the contractor pays the associated fees.
- The City of San Antonio (CoSA) Tree Permit has been approved.
- Status of remaining permits –
 - TPDES (NOI, etc.) are included in Addendum No. 2
 - Bexar County Floodplain Development Permits – Have been preliminary reviewed by BCDPW and await formal submittal request for the permit by the contractor.
 - Roadway crossing permits – have been preliminary reviewed by BCDPW, TxDOT and CoSA, and await formal submittal request for the permit by the contractor.
 - Pape-Dawson will assist the contractor in coordinating with the agencies to obtain the remaining permits.

General Requirements

- Work Area Limit
 - Section 01010, Paragraph 1.06.A defines the contractor’s work area limits.
 - Contractor shall be confined to the easement limits.
 - Contractor will be required to install fence on easement limits if work outside of easement limits is performed after the first warning is issued.
 - Contractor to provide copies of any agreements outside of the easement areas with the landowners to the Construction Manager and SAWS.
 - Patrick reported that since two of the easements were acquired via condemnation (Hanford-Southport, west of Applewhite Road and Presto Tierra, west of SH 16) off-easement agreements might be difficult to obtain by the contractor if they want to work outside of the easement in those vicinities.
 - Patrick also reported that the contractor, prior to beginning construction, must submit a DVD video of the entire proposed pipeline alignment to document existing conditions to SAWS prior to mobilization, as will be stated in the forthcoming Addendum. One of the attendees asked if the alignment would be staked. Jerry reported that staking issues would be discussed later in today’s meeting.

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- Archaeologist
 - Section 01010, Paragraph 1.05.D requires the contractor to engage a Professional Archaeologist to obtain an Antiquities Permit from the Texas Historical Commission (THC) prior to the commencement of any construction on the Perez Rancho site within the Hanford-Southport, LLC property.
 - One of the attendees asked how long the permit would take to obtain. Jerry reported that the contractor's should contact the Archaeologist to obtain that answer.
 - Another attendee asked for the name of an Archaeologist. Jerry reported that Pape-Dawson used SWCA, out of Austin, Texas for our work on the project.

- Survey
 - Section 01050 defines contractor's responsibilities for surveying on the project.
 - A Registered Professional Land Surveyor is required.
 - Control points have been provided along the proposed pipeline alignment. The contractor is responsible for all of his survey control to construct the project.
 - The contractor will be required to submit a report to Pape-Dawson that he verified the primary control points, and secondary control points set by the contractor's surveyor.

- Disputes Review Board (DRB) & Escrow Bid Documents
 - Sections 01120 and 01130 define the Disputes Review Board (DRB) and Escrow Bid Documents, respectively.
 - The DRB consists of three (3) members. One selected by SAWS, one selected by the Contractor, and one selected by the two members selected by SAWS and the Contractor.
 - Jerry requested that, due to experience on the MRSO projects currently under construction, the low bidder start looking for their candidate before the contracts are executed.
 - Patrick requested that the successful contractor submit their candidate's name at the Pre-Construction Meeting.
 - One of the attendees asked if the contractor would be reimbursed for his share of the cost of the DRB member. Jerry responded they would not.
 - Escrow Documents shall be submitted three (3) days after the bid opening.

- QC/QA Testing
 - Section 01400 and individual specification sections define various QC/QA testing requirements.
 - Contactor provides Quality Control (QC) testing.
 - SAWS provides Quality Assurance (QA) testing.
 - Jerry also reported that the requirements for trench backfill material density testing are 1 test, per lift, for every 400 LF of trench backfill.

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- Digital As Builts
 - Section 01720 defines the requirements of the Contractor to furnish Project Record Documents (As-Builts).
 - SAWS is currently using a new system to develop Project Record Documents on this project. The use of a Records Document Application (RDA) will be utilized on this project.
 - Digital drawings will be required on a monthly basis.
 - Contractor to provide actual survey data after installation.
 - Contractor's surveyor will be required to provide actual field data (i.e. elevations of manhole inverts, top of manholes, etc.).
 - File requirements are provided in the referenced specification section.

Technical Requirements

- Specifications
 - SAWS Standard Specifications govern. See Special Conditions SC-5.0 (sheet SC-1) for web site locations, and downloads.
 - Supplementary Specification Sections amend those specifications.
- Compaction and Moisture Requirements
 - The Compaction requirement is 98%.
 - The moisture requirement is +/- 2%.
 - No variances.
 - An attendee asked if SAWS would provide the water for trench compaction/moisture. Jerry responded that they would not. It is the contractor's responsibility to make arrangements to provide the water.
- Concrete
 - Permeability Requirement is 1500 coulombs or less. Jerry indicated that this requirement is indicated in the Structural Notes on the Structural Sheet Details. Jerry also indicated that at least one concrete supplier in town is supplying this concrete requirements now, on the other MRSO projects.
- Stop Logs
 - Section 15113 defines the requirements for the stop logs at the siphons.
 - The contractor only needs to provide the frames.
 - The stop logs are owned by SAWS, and are stored at the Dos Rios WRC.

Tour

- Scheduled for September 29, 2011, at 9:00 a.m., for those that want to attend (not mandatory).
- Meet in the parking lot of the "strip center" at the NW corner of Lone Star Pass (entrance to Toyota Plant) and Applewhite Road.

CONFERENCE MEMO

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Jerry asked if there were any questions from those in attendance. The following questions were presented:

1. Q: Who makes the connections to the beginning/end of the project?
A: Whoever gets there last.

Diana again reminded everyone that all questions, even those asked during today's meeting should be sent in writing to her attention no later than 4:00 p.m. on October 3, 2011.

Patrick reported that:

- Materials products to be used on this project must be already approved, and on the SAWS approved Material List. If not they are not acceptable.
- Concrete Encasement- the quantity shown is for horizontal lineal footage (LF) regardless of the number of pipes in the trench (i.e. siphon barrel).

Joe Molina reported that:

- The contractor's monthly pay request would not be processed each month without the All Digital As Built (ADAB) information submitted along with the pay request.
- No payment will be made for pipe installed until it is 100% backfilled.
- No payments for stored material for
 - Gravel
 - Manhole Ring & Covers
 - Reinforcing Steel
- Pay Requests will be delivered to SAWS by Joe, after being reviewed by PDE & SAWS Inspector.

As per the *Invitation to Bidders*, the following companies were in attendance at the Mandatory Pre-Bid Meeting and will be allowed to bid the project:

- Ace Pipe Cleaning
- Western Summit Constructors
- T Halle Construction
- Morgan Construction
- Don Kelly Construction
- HOBAS Pipe
- Ledcor CMI, Inc.
- Pipelayers, Inc.
- John D. Stephens, Inc.
- Holloman
- DNT Construction
- Sundt Construction
- MGC Contractors
- James Construction Group
- S. J. Louis Construction

CONFERENCE MEMO

San Antonio Water System

Medina River Sewer Outfall – Segment 3 Project; SAWS Job No. 11-2504

Mandatory Pre-Bid Meeting

October 4, 2011

Page 8 of 8

- Ferguson
- Pesado Construction
- S G C (Silverado General Contractor)
- L F Manufacturing
- Lewis Contractors, Inc.
- Texas Sterling Construction
- USCPS
- S R Weidema
- BRH-Garver Construction
- Quest Civil Constructors
- Slack & Co.

The "Minutes of the Meeting" outlined herein reflect Pape-Dawson Engineers' understanding of what was discussed and presented at this meeting. The minutes will stand for the record unless comments are received in writing within (3) days of the date of these minutes.

END OF MEMO

Attachments:

1. Attendance List
2. Bid Proposal Checklist

P:\68\66\00\02.0) Project Management\2.6) Meetings\110928 Segment 3 Pre-Bid Meeting\110928a1.doc

SAN ANTONIO WATER SYSTEM
MEDINA RIVER SEWER OUTFALL
Segment 3 Project; SAWS Job No. 11-2504
Solicitation No. B-11-028-DD
September 28, 2011; 2:00 pm
SAWS Tower I, 1st Floor Cafeteria
Purpose: Mandatory Pre-Bid Meeting

NAME	COMPANY	PHONE#	FAX	EMAIL
Brice Moezygamba	Pape-Dawson	(210) 375-9000	(210) 375-9040	bmoezygamba@pape-dawson.com
Jerry Berry	Pape-Dawson	(210) 375-9000	(210) 375-9040	jberry@pape-dawson.com
Joseph Ortega	Pape-Dawson	(210) 375-9000	(210) 375-9040	jortega@pape-dawson.com
David Evans	Pape-Dawson	(210) 375-9000	(210) 375-9040	devans@pape-dawson.com
Justin Lieck	Pape-Dawson	(210) 375-9000	(210) 375-9040	jlieck@pape-dawson.com
Joe Molina	Pape-Dawson	(210) 375-9000	(210) 375-9010	jmolina@pape-dawson.com
Mike Cude	Cude-Engineers	(210) 681-2951		mcude@mweude.com
Bobby Delgado	Cude-Engineers	(210) 681-2951		bdelgado@mweude.com
Diana W. Dwyer	SAWS	(210) 233-3372	(210) 233-5218	Diana.Dwyer@saws.org
Patrick O'Connor	SAWS	(210) 233-3020	(210) 233-5468	Patrick.OConnor@saws.org
Christopher Cameron	Ace Pipe Cleaning	202-563-1115	217-332-1557	ccameron@acepipe.com
Matt Barnard	Western Summit Constructors	303-298-9500	303-298-9501	ericke@westernsummit.com
Mike Hewitt	THalle Construction	919-245-1490	919-245-1516	MHewitt@THalle.com
Eric Haglun	Morgan Cent.	763-420-0068	763-420-0080	emhaglun@plorjon1.com
Mark Medlin	Den Kelly Const L	817-876-2716	817-472-5481	MMEIDLIN@DenKellyConstruction.com
JOHN SIMONSON	HOBAS PIPE	832-6851006		SIMONSON@HOBASPIPE.COM

NAME	COMPANY	PHONE#	FAX	EMAIL
Nate Dusk	Don kully construction	406-579-0856	817-472-5481	nate@dankullyconstruction.com
JEFF RICHARDSON	LEDOR CMI INC.	602-595-3017	602-595-3602	JEFF.RICHARDSON@LEDOR.COM
CHESSLEY SWANN	PREPARED INC.	210-684-7400	210-684-41633	CHESSLEY@PIPELINESINC.COM
Greg Rosinski	John D. Stephens, Inc.	770-972-8000	770-979-3748	grosinski@johndstephens.com
MURRAY HOLDEN	Holloman	210-667-9925	210-667-9988	murrayholden@hollomanxcorp.com
JEREMY THOMAS	DNT CONSTRUCTION	210-490-6700	210-490-6701	jthomas@DNTCONSTRUCTION.COM
Gius Hurtado	Sundt construct.	210-276-2764	210-276-2790	gahurtado@sundt.com
Clint Coleman	MGE Contractors	602-487-5000	602-470-4000	clint@mgecontractors.com
ED OWENS	JAMES CONST. GROUP	713-300-1530	713-300-1531	EDOWENS@JCGKC.COM
Ben Arnold	JAMES CONST. GROUP	713-253-2103	713-300-1531	barnold@jcgkc.com
LUCAS MENEZES	S.T. LOUIS CONSTRUCTION	210-340-9998	210-340-9997	LUCAS@STLOUIS.COM
DEREK CRANE	S.T. LOUIS CONST.	210-340-9998	210-340-9997	DEREK@STLOUIS.COM
Trey Geistweidt	Ferguson	(210) 333-2410	(210) 333-2473	trey.geistweidt@ferguson.com
Mike Cox	PESADO CONSTRUCTOR	210 651 4452	210 651 4492	MCox@PESADOCONSTRUCTIONCO.COM
Miguel Vedia	SECA	(210) 617-4550	(210) 617-4552	mvedia@silveradoge.com
Michael Dalziel	Ledcor CMI Inc.	602-595-3017	602-595-3602	michael.dalziel@ledcor.com
CLIFF SHEFFY	LF MFG.	210-479-1176	210-479-1521	thesheffy@LFMFG.COM
Jason Lewis	Lewis Contractors, Inc.	512-260-9900	512-260-9902	matt@lewiscontractors.com
Eric Johnson	TEXAS STERLING CONSTRUCTION	210-380-7846	210-340-8732	e-johnson@Texas-sterling.com
Rocky Lorenz	USC PS	817-809-4525	817-658-8947	RORENZ@flowtitepipe.com
JASON PAULTY	SR Weidema	763-428-9110	763-428-9095	JPAULTY@SRWEIDEMA.COM
VICTOR RIVERA	HOBAS PIPE USA	713-907-4406	866-619-8983	vrivera@hobaspipe.com
Philip Reed	BRH-GAVER CONSTRUCTION	L.A. 713 298 5620	713 921 2929	philreed@BRHGAVER.COM
Brian Styck	Quest Civil Constructors	512-336-2000	512-336-2012	pie@qvs.com

GENERAL

**MEDINA RIVER SEWER OUTFALL:
SEGMENT 3
SAWS JOB #11-2504
Storm Water Pollution Prevention Plan**

**TPDES General Permit
NO. TXR 150000**

**November 2009
(Revised August 2011)**

**MEDINA RIVER SEWER OUTFALL:
SEGMENT 3
SAWS JOB #11-2504
Storm Water Pollution Prevention Plan**

**TPDES General Permit
NO. TXR 150000**

**November 2009
(Revised August 2011)**

Texas Board of Professional Engineers, Firm Registration # 470





LAND DEVELOPMENT ENVIRONMENTAL TRANSPORTATION WATER RESOURCES SURVEYING

August 15, 2011

Mr. Patrick O'Connor
Project Manager
San Antonio Water System (SAWS)
2800 U.S. Highway 281 North
San Antonio, TX 78212

Re: Medina River Sewer Outfall: Segment 3 (SAWS Job #11-2504)
TPDES Storm Water Pollution Prevention Plan

Dear Mr. O'Connor:

Attached please find a copy of the Texas Pollutant Discharge Elimination System (TPDES) Storm Water Pollution Prevention Plan (SWP3) for Medina River Sewer Outfall: segment 3 (SAWS Job #11-2504) prepared for the San Antonio Water System. This document is a key element for construction of the referenced project and should be maintained on site at all times during construction. To best protect yourself, we suggest you familiarize yourself with the requirements in the Storm Water Pollution Prevention Plan. Please note, both you and your contractor must complete a Notice of Intent (NOI) form and forward it to the Texas Commission on Environmental Quality (TCEQ) and the San Antonio Water System (SAWS). Both you and your contractor must also complete a Construction Site Notice (CSN) and submit it to SAWS. A Storm Water Quality Site Development Permit Application must also be completed and submitted to Bexar County as instructed in the Plan Implementation Checklist.

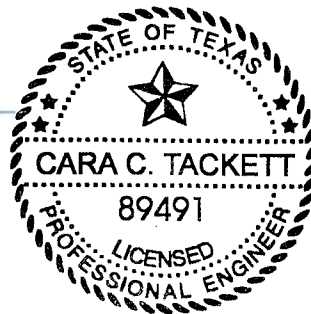
In addition, your contractor should pay particular attention to the instructions regarding maintenance and inspections of erosion control items and should maintain the forms included herein.

Should you have any questions regarding this TPDES Storm Water Pollution Prevention Plan, please contact our office. We appreciate the opportunity to serve the San Antonio Water System on this project.

Sincerely,

Pape-Dawson Engineers, Inc.
Texas Board of Professional Engineers, Firm Registration # 470

Cara C. Tackett, P.E., LEED® AP
Vice President, Land Development



Attachments

P:\68\66\00\Word\Report\TPDES\Segment 3\110811a1.doc

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

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EXHIBITS

- Exhibit 1 – General Location Map
- Exhibit 2 – Site Plan
- Exhibit 3 – Best Management Practices (BMPs) Details
- Exhibit 4 – Project Milestone Dates
- Exhibit 5 – On-Site Materials List
- Exhibit 6 – Responsible Party Form

ATTACHMENTS

- Notice of Intent (NOI), Construction Site Notice & NOI Tracking Form
- Stormwater Quality Site Development Permit Application (Bexar County)
- Inspection Records
 - Inspection Schedule Form
 - SWP3 Inspection Forms and Corrective Action Items Forms
- Letter Delegating an “Authorized Representative”
- Inspector’s Qualifications
- Plan Modifications
- Notice of Termination
- March 5, 2008 TPDES General Permit TXR150000

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)

Storm Water Pollution Prevention Plan

IMPORTANT DEFINITIONS

Primary Operator – the person or persons associated with a large or small construction activity that meets either of the following two criteria:

- (a) the person or persons have operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; (**Owner/Developer**)
- (b) the person or persons have day-to-day operational control of those activities at a construction site that are necessary to ensure compliance with a Storm Water Pollution Prevention Plan (SWP3) for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWP3 or comply with other permit conditions). (**General Contractor**)

Secondary Operator – The person whose operational control is limited to the employment of other operators or to the ability to approve or disapprove changes to plans and specifications. A secondary operator is also defined as a primary operator and must comply with the permit requirements for primary operators if there are no other operators at the construction site.

PLAN IMPLEMENTATION CHECKLIST (ALL PROJECTS)

1. At least seven (7) days prior to start of construction, the primary operator(s) must submit a Notice of Intent (NOI) – TCEQ Form 20022 (03/05/2008) by Certified Mail-Return Receipt Requested to the following:

Texas Commission on Environmental Quality Storm Water Processing Center (MC-228) P.O. Box 13087 Austin, Texas 78711-3087	TPDES Coordinator San Antonio Water System (MS4) 2800 U.S. Hwy 281 North P.O. Box 2449 San Antonio, Texas 78298
---	---

NOI may be submitted electronically prior to start of construction. To submit a NOI electronically, go to <http://www.tceq.state.tx.us/permitting/steers/steers.html>

Carefully review form and provide all requested information.

2. At least seven (7) days prior to start of construction the primary operator(s) must submit a Construction Site Notice (CSN) to the local Municipal Separate Storm Sewer System (MS4) at the following address:

TPDES Coordinator
San Antonio Water System (MS4)
2800 U.S. Hwy 281 North
P.O. Box 2449
San Antonio, Texas 78298

3. The primary operator(s) must submit a \$325.00 Storm Water Application Fee/Water Quality Fee using Form TCEQ-20134 (03/05/2008) under separate cover to:

If By Regular U.S. Mail
Texas Commission on Environmental Quality
Financial Administration Division
Cashier Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

If By Overnight/Express Mail
Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office MC-214
12100 Park 35 Circle
Austin, Texas 78753
(512) 239-0357 or (512) 239-0187

To pay online go to: <https://www6.tceq.state.tx.us/epay>. The fee is \$225.00 if submitting the NOI electronically.

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)

Storm Water Pollution Prevention Plan

4. Incorrect information, omissions of relevant facts, or changes in relevant information provided in the original NOI must be corrected within 14 days after discovery, in writing, in a Notice of Change (NOC) letter or TCEQ Form 20391 (07/13/2007) to the address in 1 above. A transfer of operational control, including transfer of ownership of a company may not be included in an NOC.

Carefully review form and provide all requested information.

5. The primary operator(s), (all parties that submit an NOI) must sign the NOI Tracking Form provided in this SWP3.
6. All Notices of Intent, Notices of Termination, Storm Water Pollution Prevention Plans, reports, certifications, or information either submitted to the Director or to the operator of a large or medium municipal separate storm sewer system, or that this permit requires be maintained by the permittee, shall be signed by a responsible corporate officer, by a general partner or proprietor, by a principal executive public officer, or by a ranking elected public official in accordance with 30 TAC §305.44. A reference copy of this regulation is provided in the "Notice of Intent" section of this SWP3.
7. Post signed copies of all NOIs/NOCs/CSNs in a location where they are readily available for viewing by the general public (e.g., along side of building permit). Copies of all NOIs/NOCs/CSNs shall remain posted until the completion of construction activities. A copy of the SWP3 is to be kept on the construction site.
8. The primary operator(s) must complete the Responsible Party Form (Exhibit 6, Sheet 1 of 2). Additionally, primary operator(s) should use "Responsible Party Form" (Exhibit 6, Sheet 2 of 2) to designate responsibility for pollution prevention measures.
9. The primary operator(s) or general contractor shall designate qualified person(s) to conduct inspections and fill out Inspection Schedule Form and Inspection Forms (copies provided in Storm Water Pollution Prevention Plan). A copy of the inspector's qualifications should be included in this SWP3. The owner/operator may elect to authorize an individual or position having responsibility for the overall operation of the construction activity, or for the owner/operator's environmental matters, to sign inspection reports or other information required by the permit. This authorization must be submitted in writing to the Executive Director of the Texas Commission on Environmental Quality. This authorization cannot include NOI forms, NOT forms, NOC letters, or Construction Site Notices required by this permit.

A form letter for delegating an "Authorized Representative" is included in the "Inspection Record" section of this SWP3.

10. Any field changes or modifications to the SWP3 should be noted on the appropriate exhibit, signed, and dated by the responsible party.
11. Maintain the SWP3 by posting changes, if any, copies of NOIs, NOTs, etc., in plan. File Inspection Forms in SWP3 and retain all records and documents for a minimum period of three years from the date of NOT submittal or terminated coverage.
12. All responsible parties must file a Notice of Termination (NOT) – TCEQ Form 20023 (02/06/2007) (copies in SWP3) within 30 days of when their work has been completed and when the site has been stabilized, or when the operator of storm water discharges changes. Copies should be sent by "Certified Mail - Return Receipt Requested" to the parties identified in 1 above. If a site is turned over to another operator, the existing operator shall notify the new operator in writing of the need to obtain permit coverage.

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

PLAN IMPLEMENTATION CHECKLIST (BEXAR COUNTY)

The following are additional items applicable to projects within the limits of Bexar County and outside the jurisdiction of a municipality.

1. At least seven (7) days prior to the start of construction, the primary operator(s) must submit a Storm Water Quality Site Development Permit Application & Fees (\$500) to the following:

Bexar County Infrastructure Services Department
Environmental Services Division
Storm Water Quality
233 N. Pecos – La Trinidad, Suite 420
San Antonio, Texas 78207

Carefully review form and provide all requested information. A copy of this SWP3 must be included.

2. Notify the Bexar County Stormwater Quality Program at least three (3) working days prior to:
 - a. start of construction;
 - b. completion of site clearing;
 - c. completion of final grading;
 - d. when temporary stabilization occurs; and
 - e. completion of final landscaping
3. Terminate the Site Development Permit when the site reaches permanent stabilization. Submit a copy of the TCEQ's Notice of Termination (NOT) to the address listed in Item 1 above.

STORM WATER POLLUTION PREVENTION PLAN

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)

Storm Water Pollution Prevention Plan

INTRODUCTION

This Storm Water Pollution Prevention Plan (SWP3) is prepared for the San Antonio Water System and its authorized agents per the guidelines in the TPDES General Permit TXR150000 (TXR150000), dated March 5, 2008, issued pursuant to Chapter 26 of the Texas Water Code and Section 402 of the Clean Water Act, by the Texas Commission on Environmental Quality (TCEQ). This SWP3 is arranged to address Part III, Section F "Contents of SWP3" as it pertains to the proposed construction activities.

This report is prepared for the exclusive use of the San Antonio Water System and its authorized agents. The scope of services performed during the preparation of this report may not be appropriate for other users and such use or reuse of this report is unauthorized, unless the prior written approval of Pape-Dawson Engineers, Inc. (Pape-Dawson) has been obtained.

In the preparation of this report, Pape-Dawson has relied upon certain information supplied by the Client, and upon commonly used sources of data. Pape-Dawson does not warrant the accuracy of the information obtained from those sources and has not independently verified such information.

All conclusions, opinions and recommendations in this report are based upon Pape-Dawson's understanding of site conditions at this time. The development plans presented in this report should not be relied upon to represent conditions at later dates or changes to the development plan.

The contractor shall ensure that the construction site complies with all notification requirements of TXR150000, which are as follows:

- *For sites which disturb five (5) or more acres, or are part of an overall plan of development which is more than five (5) acres, a copy of the NOI prepared by each Operator must be posted near the main entrance of the construction site in a publicly accessible location for*

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

viewing by the general public. A Construction Site Notice (CSN) with the name and telephone number of a representative of the Operator who has day to day control over the implementation of the SWP3, a brief description of the construction project, and the location of the SWP3 must also be posted. A signed copy of the NOI form(s) must also be provided, at least seven (7) days prior to commencement of construction activities, to the operator of any Municipal Separate Storm Sewer System (MS4) operator which receives any discharge from the construction site.

I. SITE DESCRIPTION

Project Name: *Medina River Sewer Outfall: Segment 3 (SAWS Job #11-2504)*

Project Street Address: *From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road*

Latitude: *29°15'20.1"*

Longitude: *98°32'59.2"*

Nature of the Construction Activity: *Construction of 1-66" sewer outfall including clearing, grubbing, trenching, tunneling or boring, sewer outfall installation, trench backfilling and project stabilization*

Estimated Construction Start Date: *01/07/12*

Estimated Construction End Date: *07/15/13*

Total Site Area (Acres): *74±*

Approximate Site Area to be Disturbed (Acres): *74±*

Common drainage area serving ten (10) or more acres disturbed at one time: *Yes*

Temporary Sedimentation Basin provided: *No. As this is a linear project over a narrow project area, it is not practical for a sediment basin to be constructed for site disturbance. However, a minimum of 1 foot of topsoil will be removed over the project area and stockpiled for future reclamation purposes. The topsoil removed will effectively create a linear sedimentation basin feature which exceeds 3,600 cf storage per acre disturbed.*

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504) Storm Water Pollution Prevention Plan

Soil Types: According to the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey (<http://websoilsurvey.nrcs.usda.gov/app>) for Bexar County the soils on the site are described as follows:

Duval loamy fine sand, 1 to 5 percent slopes (DmC): This soil generally consists of sandy uplands occurring as small, rounded hills or low intermittent ridges. In a typical profile, the soil layer is 0 to 16 inches of neutral loamy fine sand, 16 to 54 inches of neutral sandy clay loam, 54 to 62 inches encountering bedrock. The soil is well drained. This soil does not meet hydric criteria.

Gullied land-Sunev complex, 3 to 20 percent slopes (Gu): This soil type typically occurs along rivers and streams, where terraces and floodplains meet. In a typical soil profile the surface and subsurface layer is clay loam down to around 60 inches. The depth to a restrictive layer is greater than 60 inches. The soil is considered well drained. This soil does not meet hydric criteria.

Wilco loamy fine sand, 0 to 3 percent slopes (HkB): Wilco loamy fine sand typically occurs on interfluves within coastal plains. The parent material consists of loamy fluviomarine deposits. In a typical profile, the soil layer is 16 inches of slightly acid loamy fine sand, 16 to 33 inches of slightly acid sandy clay loam, 33 to 40 inches of neutral sandy clay loam, and 40 to 60 inches of slightly alkaline sandy clay loam. Depth to a root restrictive layer is greater than 60 inches. The soil is well drained with a moderate shrink-swell potential. The minimum depth to a water table is greater than 6 feet. This soil does not meet hydric criteria.

Branyon clay 1 to 3 percent slopes (HtB): This soil type is typically found along smooth terraces generally adjacent to drainageways. In a typical soil profile, the soil layer consists of moderately alkaline clay from 0 to 62 inches. Depth to a root restrictive layer

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

is greater than 60 inches and is moderately well drained. This soil does meet hydric criteria.

Lewisville silty clay, 0 to 3 percent slopes (LvA, LvB): *This soil type occurs on stream terraces along river valleys. The parent material consists of alluvium of Quaternary age derived from mixed sources. In a typical profile, the soil layer is from 0 to 62 inches of silty clay. Depth to a root restrictive layer is greater than 60 inches. The soil is well drained with a high shrink-swell potential. The minimum depth to a water table is greater than 72 inches. This soil does not meet hydric criteria.*

Duval fine sandy loam, 1 to 3 percent slopes (DnB): *This soil generally consists of sandy uplands occurring as small areas such as narrow ridge tops. In a typical soil profile, the soil layer is 0 to 26 inches of slightly acid, friable fine sandy loam over 20 to 44 inches of slightly acid light sandy clay loam over weakly stratified sandy loam, sandy clay loam and soft sandstone in some places.*

Sunev clay loam, 0 to 5 percent slopes (VcA, VcB, VcC): *This soil type occurs along and between stream terraces and along deeply entrenched drainageways. In a typical profile, the soil layer is 0 to 34 inches of moderately alkaline clay loam and 34 to 62 inches of moderately alkaline loam. Depth to a root restrictive layer is greater than 60 inches and is well drained. This soil does not meet hydric criteria.*

Floresville fine sandy loam, 1 to 3 percent slopes (WbB): *This soil type is found on broad, gently sloping uplands. In a typical profile, the soil layer is 0 to 12 inches of neutral fine sandy loam, 12 to 28 inches of neutral sandy clay and 28 to 48 inches of moderately alkaline sandy clay. Depth to a root restrictive layer is greater than 60 inches and is well drained. This soil does not meet hydric criteria.*

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

Willacy loam, 1 to 3 percent slopes (WmB): This soil type is found on old alluvial terraces. In a typical profile, the soil layer is 0 to 14 inches of slightly alkaline loam, 12 to 28 inches of neutral sandy clay and 14 to 62 inches of slightly alkaline clay loam. Depth to a root restrictive layer is greater than 60 inches and is well drained. This soil does not meet hydric criteria.

The site is in Bexar County which receives an average of 30 inches of rainfall annually with the highest amounts of rainfall received in the month(s) of May, June, September and October.

Pre-construction site runoff coefficient: 0.30

Post-construction site runoff coefficient: 0.30

Industrial Activity Discharges: No

Receiving Water: *The site will drain into segment 1903 of the Medina River. This segment is not listed by the TCEQ on the 2008 303(d) list as an impaired water. There are no Total Maximum Daily Loads (TMDLs) established at this time for this segment. It is the opinion of Pape-Dawson that construction activities at this site with the practices contained in this SWP3 should not have an adverse impact on these water quality parameters.*

Wetlands: *No wetlands were identified within the project area.*

Jurisdictional Waters: *From February through June 2009, SWCA conducted a waters of the U.S. determination within the project area. The following are potential waters of the U.S. mapped by SWCA:*

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

<i>Water Body Type</i>	<i>Estimated Acres within Project Area</i>	<i>Coordinates (LONG/LAT)</i>	<i>Anticipated Jurisdictional Status</i>
<i>Stream Channel*</i>	<i>0.01</i>	<i>-98.55838/29.26096</i>	<i>Jurisdictional</i>
<i>Stream Channel*</i>	<i>0.02</i>	<i>-98.55926/29.26140</i>	<i>Jurisdictional</i>
<i>Stream Channel*</i>	<i>0.04</i>	<i>-98.56042/29.26154</i>	<i>Jurisdictional</i>
<i>Stream Channel**</i>	<i>0.06</i>	<i>-98.58117/29.26400</i>	<i>Jurisdictional</i>
<i>Stream Channel**</i>	<i>0.04</i>	<i>-98.60093/29.27368</i>	<i>Jurisdictional</i>

**isolated drainage*

***unnamed ephemeral tributary to Medina River*

Because site construction activities will impact jurisdictional waters of the U.S., a U.S. Army Corps of Engineers Nationwide Permit 12 may be required. The sediment and erosion control practices used on this site will address the requirements of the Nationwide Permit.

Edwards Aquifer Recharge or Contributing Zone: *No*

EXHIBIT 1 - General Location Map

EXHIBIT 2 - Site Plan illustrating the Storm Water Pollution Prevention Plan including the following, where appropriate:

- Drainage patterns
- Approximate post-grading slopes
- Areas of soil disturbance
- Undisturbed areas
- Locations of major structural and non-structural controls
- Locations of temporary or permanent stabilization practices
- Locations of construction support activities including off-site activities, material, waste, borrow, or equipment storage areas
- Surface waters (including wetlands)
- Storm water discharges to a surface water feature or municipal separate storm sewer system (MS4)

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- Vehicle wash areas

EXHIBIT 3 - Typical Details for Best Management Practices (BMPs)

Potential Pollutant Sources:

- Soil erosion due to clearing, grubbing, or excavation for utilities
- Oil, grease, fuel, and hydraulic fluid contamination from construction equipment and vehicle drippings
- Miscellaneous trash and litter from construction workers and material wrappings
- Construction debris
- Concrete truck wash-out water
- Detergents, cleaning solvents
- Paints, paint solvents, other petroleum based products

Sequence of Major Activities:

- Installation of BMPs
- Clearing
- Grading
- Excavation
- Installation of Utilities (sewer)
- Site Cleanup
- Removal of BMPs

The sequence of major activities of work on this site will be divided into two stages, site preparation and construction. Site preparation consists of clearing, grubbing, grading, or excavation. This work, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any of this work can begin, the site contractor will be responsible for the installation and maintenance of control measures as

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located on Exhibit 2 and illustrated on Exhibit 3. These measures are designed to minimize erosion and minimize eroded soil from leaving the site.

Construction activities include utility installation and site cleanup. Prior to the initiation of construction, all previously installed control measures will be repaired or reestablished for their designed or intended purpose by the construction contractor. The construction contractor will also be responsible for installation of all remaining control measures located on Exhibit 2 and illustrated on Exhibit 3. These controls are intended to prevent eroded soil, trash, and construction debris from leaving the site.

The TXR150000 General Permit requires the permittee to revise or update the SWP3 whenever there is a change in site conditions, new operators, new areas of responsibility, and changes in Best Management Practices. Accordingly the SWP3 is meant to be a dynamic working guide that is to be kept current and amended whenever the design, construction, operation, maintenance, or inspection result indicates that the SWP3 is ineffective in eliminating or significantly minimizing pollutants in storm water discharges. All changes to the plan must be shown on Exhibit 2, dated, and signed by the responsible party.

A. EROSION AND SEDIMENT CONTROLS

1. GOALS AND CRITERIA

General goals and criteria for erosion and sediment control are as follows:

- Erosion controls are designed to minimize the amount of erosion which takes place by maximizing the amount of stabilized areas during construction. Sediment controls are designed to retain sediment on site to the maximum extent practicable with consideration for local topography, soil type, and rainfall.

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- Control measures must be properly installed and maintained according to the manufacturer's or designer's specifications. If periodic inspections or other information indicates a control has been used incorrectly, or that the control is performing inadequately, the operator must replace or modify the control as soon as practicable after discovery that the control has been used incorrectly, is performing inadequately, or is damaged.
- Sediment must be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50%.
- If sediment escapes the site, accumulations must be removed at a frequency to minimize further negative effects, and whenever feasible, prior to the next rain event.
- Controls must be implemented to limit, to the extent practicable, off-site transport of litter, construction debris, and construction materials.
- Off-site material storage areas such as construction staging areas, soil stockpiles, and borrow areas used solely by the project are considered part of the project for SWP3 purposes. Contractors will be responsible for establishing appropriate controls for these storage areas, for revising this plan to include those off-site storage areas, and to ensure that these areas are properly covered under the TXR150000.

2. STABILIZATION PRACTICES

Stabilization practices may include but are not limited to: land clearing activities shall be done only in areas where earthwork will be performed and shall progress as earthwork is needed; frequent watering or use of biodegradable soil binders in excavation and fill areas as needed to minimize wind erosion during construction; establishment of temporary

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vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, erosion control blankets, Turf Reinforcement Mats (TRM), Bonded Fiber Matrix (BFM), vegetative buffer strips, protection of existing trees and vegetation, and other similar measures. Interim on-site stabilization measures, which are continuous (on-going), will include the following:

- Existing vegetation at the downgradient portion of the site shall be preserved. Ground cover shall not be disturbed until it is necessary to proceed with fieldwork.
- Soil disturbances shall be minimized by exposing only the smallest practical area of land required for the clearing and grading activity and for the construction activity, for the shortest practical period of time.
- Maximum practical use will be made of natural vegetation including grass, weeds, trees, shrubs, etc. by leaving these materials in place until construction necessitates clearing the minimum practical area for continuance of construction.
- Trenching and associated backfilling for utilities and foundations shall be coordinated to minimize to the extent practical the time the area is disturbed.
- Storm water perimeter control devices shall be installed at least 10 feet from stockpile materials. Topsoil stockpiles should be seeded or covered by erosion control blankets, if they are not to be used within fourteen (14) days (TXR150000 Part III (F)(2)(b)(iii)(A)).
- Throughout the project, as necessary, water or environmentally sustainable soil binders shall be applied for dust control.

Permanent on-site stabilization measures, which will be scheduled as detailed below, will include the following:

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- As soon as practical, all disturbed soil will be stabilized per applicable project specifications.
- Stabilization measures in this instance shall comply with temporary stabilization as defined in TXR150000 or as defined otherwise in landscape plans where applicable.

Stabilization measures will be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and except as provided below, will be initiated no more than fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased.

- Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of site.
- In arid areas (areas with an average rainfall of 0 to 10 inches), semiarid areas (areas with an average annual rainfall of 10 to 20 inches), and areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonably arid conditions, stabilization measures must be initiated as soon as practicable.
- Final stabilization must be achieved prior to termination of permit coverage.
- Final stabilization as defined in TXR150000 (a uniform perennial vegetative cover with a density of at least 70% of the native background vegetative cover for the area) must be achieved prior to termination of permit coverage.

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- A final walk-through of the completed construction site shall be performed to ensure final stabilization is established.

Records of project milestone dates are required to be maintained and shall be recorded on Exhibit 4. Project milestones include the following:

- Dates when installation of BMPs begin;
- Dates when site preparation activities begin and end;
- Dates when construction activities begin and end;
- Dates when either site preparation or construction activities temporarily or permanently cease on all or a portion of the project; and
- Dates when stabilization measures are initiated and when stabilization is complete.

3. STRUCTURAL PRACTICES

On-site structural practices, which are continuous (on-going) until the site is permanently stabilized, may include the following:

- Erection of silt fences, rock berms, straw wattles and tri-dikes as located on Exhibit 2 and illustrated on Exhibit 3;
- Installation of stabilized construction entrances and exits as required and a construction staging area as located on Exhibit 2 and illustrated on Exhibit 3;
- Placement of gravel filter bags as located on Exhibit 2 and illustrated on Exhibit 3;
- Designation of natural vegetated buffer strip areas as located on Exhibit 2;
- Installation of drain inlet protection as located on Exhibit 2 and illustrated on Exhibit 3; and

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- Installation of concrete truck wash-out pit as located on Exhibit 2 and illustrated on Exhibit 3.

Where structural controls are shown on TxDOT right-of-way, the contractor must coordinate location and placement of structural controls with the appropriate TxDOT office.

These storm water pollution control features will slow the velocity of runoff thereby enhancing sedimentation and capture of contaminants that may accumulate in storm water runoff exiting this construction site. There are no structures to divert storm water and no structures to store storm water on this project.

It is to be understood that modifications to the SWP3 may have to be made in the field to adjust for field conditions and to provide the intended effect. All changes to the plan must be shown on Exhibit 2, dated, and signed by the responsible party, or described and included in the Plan Modifications section of this SWP3.

Best management practices may be installed in stages to coincide with the disturbance of upgradient watershed areas.

Best management practices may be removed in stages once the watershed for that portion controlled by the best management practice(s) has been stabilized in accordance with TPDES requirements. Upon completion of the project and before final payment is issued, Contractor shall remove all sediment and erosion control measures, paying special attention to rock berms in drainage features.

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Because of the inherent difficulties in maintaining construction schedules due to weather delays, the conditions noted above and listed elsewhere in this plan are provided in lieu of a time related schedule.

B. POST-CONSTRUCTION STORM WATER MANAGEMENT

Unless indicated or required by the soil stabilization project specifications, this project does not require any TPDES post-construction storm water pollution controls or velocity dissipation devices.

C. OTHER CONTROLS

Additional on-site practices, which are continuous (on-going) until the site is permanently stabilized, will include the following:

1. OFF-SITE VEHICLE TRACKING

- Vehicular traffic leaving the construction site (prior to improved streets) will exit through a stabilized construction exit as located on Exhibit 2 and illustrated on Exhibit 3. When soils have collected on the stabilized vehicular exit to an extent which reduces its intended effectiveness, the surface will be cleaned and reestablished for its designed or intended purpose.
- Mud/dirt inadvertently tracked off site and onto public streets shall be removed immediately by hand or mechanical broom sweeping.
- To the extent practicable, minimize the generation of dust during construction by means including water spray, covering open stockpiles, etc. Spraying of petroleum based or toxic liquids for this purpose is prohibited.

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2. CONSTRUCTION MATERIALS STORAGE

- Construction materials shall be stored within a designated storage area as located on Exhibit 2 and illustrated on Exhibit 3. Bulk materials such as sand, topsoil, etc. will be bordered on the downgradient sides with a storm water perimeter control device established at a minimum distance of ten (10) feet from the toe of the stockpile as illustrated on Exhibit 3. A list of materials to be stored on site should be recorded and regularly updated on the "On-Site Materials List" provided in Exhibit 5.
- An area shall be designated as a construction equipment and vehicle storage area as located on Exhibit 2. Construction equipment (except large slow-moving equipment) not removed from the site at night shall be stored in the containment area.
- Excavation spoils temporarily stored on site, pending off-site disposal in accordance with applicable regulations, shall be bordered on the downgradient side by a storm water perimeter control device established at a minimum distance of ten (10) feet from the toe of the stockpile as illustrated on Exhibit 3 and recorded on the "On-Site Materials List" provided in Exhibit 5.
- The designated construction equipment and vehicle storage area shall have a single entrance and will be bordered on the downgradient sides by a silt fence as illustrated on Exhibit 3.
- Sediment collected behind silt fences will be periodically collected and placed as fill material within the property. Contaminated sediments will be disposed of off site in accordance with applicable regulations.
- The use of on-site temporary construction fuel storage tanks is limited to tank sizes which can only store unregulated quantities of fuel and

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which have integral spill containment devices with a capacity of at least 110% of tank capacity.

- Intentional release of vehicle or equipment fluid onto the ground is prohibited. In project areas suspected of potential toxic or petroleum products contamination, the soil shall be tested to determine the proper method of disposal.
- Scheduled construction equipment and vehicle maintenance accomplished on site shall be done within the construction equipment and vehicle storage area.

3. WASTE DISPOSAL

- Construction waste materials, domestic garbage, etc. shall be periodically collected in receptacles designated for that purpose and disposed of off site in accordance with applicable regulations.
- All sanitary waste will be collected from the portable toilets by a licensed portable facility provider in complete compliance with local and state regulations.
- A controlled on-site area as located on Exhibit 2 and illustrated on Exhibit 3 shall be designated as a concrete truck wash-out pit for concrete trucks. Truck wash-out pits shall be surrounded by a berm or hay bales to prevent runoff of contaminated water. The contractor will advise his concrete suppliers of the requirements to utilize the wash-out pits for the intended purpose.
- Direct discharge of concrete truck wash-out water to surface waters of the state, including discharge to storm sewers, is prohibited by this general permit.
- Concrete truck wash-out water shall be discharged to areas at the construction site where structural controls have been established to

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prevent direct discharge to surface waters, or to areas that have a minimal slope that allow infiltration and filtering of wash-out water to prevent direct discharge to surface waters. Structural controls may consist of temporary berms, temporary shallow pits, temporary storage tanks with slow rate release, or other reasonable measures to prevent runoff from the construction site.

- Wash out of concrete trucks during rainfall events shall be minimized, and the operator shall ensure that its BMPs are sufficient to prevent the discharge of concrete truck wash-out as the result of rain. The direct discharge of concrete truck wash-out water to surface water in the state, including discharge to storm sewers, is prohibited at all times.
- The discharge of wash-out water shall not cause or contribute to groundwater contamination.
- Concrete truck wash-out water and residual concrete may be directed into the open sewer trench as long as groundwater is not present.
- Additional concrete truck wash-out pits may be added as construction conditions require.

4. HAZARDOUS SUBSTANCES AND HAZARDOUS WASTE

- Hazardous waste materials will be disposed of in the manner specified by local, state, and/or federal regulations and by the manufacturer of such products. Site personnel will be instructed in these practices by the job site superintendent, who will also be responsible for seeing that these practices are followed. Each employee who must handle a substance with hazardous properties will be instructed on the use of the product he/she is using, particularly regarding spill control techniques.
- The contractor will implement the Spill Prevention Control and Countermeasures (SPCC) Plan found within this SWP3 and will train all

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personnel in the proper cleanup and handling of spilled materials. No spilled hazardous materials or hazardous wastes will be allowed to come in contact with storm water discharges. If such contact occurs, the storm water discharge will be contained on site until appropriate measures in compliance with state and federal regulations are taken to dispose of such contaminated storm water. It shall be the responsibility of the job site superintendent to properly train all personnel in the use of the SPCC plan.

- Any spills of hazardous materials which are in quantities in excess of Reportable Quantities as defined by TCEQ regulations shall be immediately reported to the TCEQ National Response Center 1-800-832-8224.
- In order to minimize the potential for a spill of hazardous materials to come into contact with storm water, the following steps will be implemented:
 - a. All materials with hazardous properties (such as pesticides, petroleum products, fertilizers, detergents, construction chemicals, acids, paints, paint solvents, cleaning solvents, additives for soil stabilization, concrete curing compounds and additives, etc.) will be stored in a secure location, under cover, when not in use.
 - b. The minimum practical quantity of all such materials will be kept on the job site.
 - c. A spill control and containment kit (containing, for example, absorbent material such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) will be provided at the storage site.
 - d. All of the product in a container will be used before the container is disposed of. All such containers will be triple-rinsed with water prior to disposal. The rinse water used in these containers will be disposed of in a manner in compliance with state and federal regulations and will not be allowed to mix with storm water discharges.

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- e. All products will be stored in and used from the original container with the original product label.
- f. All products will be used in strict compliance with instructions on the product label.
- g. The disposal of excess or used products will be in strict compliance with instructions on the product label.

D. STATE, TRIBAL, OR LOCAL CONTROLS

The site is not located over the Edwards Aquifer Contributing Zone or Recharge Zone.

The site is not located on Native American Tribal lands.

Except as noted herein, there are no other known applicable state, tribal, or local storm water pollution prevention control requirements for construction projects at this location.

All activities during construction shall comply with state and local sanitary sewer, septic system, and waste disposal regulations.

Trees, limbs, leaves, brush, and vegetation from clearing operations shall be removed from the site and disposed of off site in accordance with applicable regulations.

Excavation spoils which will not be reused on this construction project shall be disposed of off site at an approved location in accordance with applicable regulations.

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II. MAINTENANCE

Structural controls shall be inspected as stipulated in this plan. Structural units shall be maintained to perform the function as intended until all soil disturbing activities have been completed and a uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established in all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

When a sediment control structure deteriorates to a condition so that its performance is less than intended, the structure shall be repaired or replaced to full function as specified before the next anticipated storm event or as necessary to maintain the continued effectiveness of storm water controls. If maintenance prior to the next anticipated storm event is impracticable, the reason shall be documented in the SWP3 and maintenance must be scheduled and accomplished as soon as practicable.

Erosion and sediment controls that have been intentionally disabled, run over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery. Controls which have been used incorrectly, are performing inadequately, or are damaged must be replaced or modified as soon as possible after discovery of the deficiency.

Particular attention should be paid to the sedimentation areas behind the rock berms and silt fences. When the sediment has accumulated to six inches or more behind a rock berm or silt fence, (from construction debris, tree trimming, trash, municipal type garbage, etc.) it will be removed and the rock berms and silt fences will be restored to their original specifications. Contaminated sediment removed from containment areas (vehicle maintenance, concrete wash-out pits, etc.) shall be either used on site if suitable for fill

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material or disposed of off site in accordance with appropriate regulations. If sediment escapes the site, the permittee must work with the downgradient property owner to remove the sediment as soon as possible.

Exhibit 6, Sheet 2 of 2 lists the various major components of this pollution prevention plan and identifies the party responsible for its function, maintenance, and inspections.

III. INSPECTIONS

Designated and qualified person(s) shall inspect Pollution Control Measures every fourteen days and within twenty-four (24) hours after a storm event greater than 0.5 inches of rainfall at the project site. As an alternative, inspections may be scheduled at least once every seven (7) calendar days. The inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection. The inspections may occur on either schedule provided that the SWP3 reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented in the Inspection Record section of the SWP3. In the event of flooding or other uncontrollable situations which prohibit access to the inspection sites, inspections must be conducted as soon as access is practicable. Where sites have been finally or temporarily stabilized, inspections must be conducted at least once every month.

Linear projects (e.g. utility line installation, pipeline, construction, etc.) may schedule representative inspections. For representative inspections, personnel must inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the site.

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An inspection report that summarizes the scope of the inspection, names and qualifications of personnel conducting the inspection, date of the inspection, major observations, and actions taken as a result of the inspection shall be recorded and maintained as part of Storm Water TPDES data for a period of three years after the Notice of Termination (NOT) has been filed. Major observations should include:

- Locations of discharges of sediment or other pollutants from the site;
- Locations of BMPs that need to be maintained;
- Locations of BMPs that failed to operate as designed or proved inadequate; and
- Locations where additional BMPs are needed.

A copy of the Inspection Report Form is provided in the "Inspection Record" section of this SWP3.

As a minimum, the inspector shall observe:

- significant disturbed areas for evidence of erosion;
- storage areas for evidence of leakage from the exposed stored materials;
- discharge locations for signs of erosion or sediment;
- structural controls (rock berm outlets, silt fences, tri-dikes, straw wattles, etc.) for evidence of failure or excess siltation (over 6 inches deep);
- vehicle exit point for evidence of off-site sediment tracking;
- vehicle storage areas for signs of leaking equipment or spills;
- concrete truck wash-out pit for signs of potential failure; and
- general site cleanliness.

Deficiencies noted during the inspection will be corrected and documented within seven (7) calendar days following the inspection or before the next anticipated storm event if practicable.

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When an inspection does not identify any incident of non-compliance, the report must contain a certification signed in accordance with 30 TAC §305.128 stating the site is in compliance with the SWP3 and the TPDES general permit conditions.

Exhibit 6, sheet 2 of 2 lists the various major components of this pollution prevention plan and identifies the party responsible for its function, maintenance, and inspection.

IV. CONSTRUCTION SUPPORT ACTIVITIES

Examples of construction support activities include, but are not limited to, concrete batch plants, rock crushers, asphalt batch plants, equipment staging areas, material storage yards, material borrow areas, and excavated material disposal areas. Discharges of storm water runoff from construction support activities may be authorized under this general permit, provided that the following conditions are met:

- a. the activities are located within one (1)-mile from the boundary of the permitted construction site and directly support the construction activity.
- b. a SWP3 is developed according to the provisions of this general permit and includes appropriate controls and measures to reduce erosion and discharge of pollutants in storm water runoff from the construction support activities; and
- c. the construction support activities either do not operate beyond the completion date of the construction activity or are authorized under separate TPDES authorization. Separate TPDES authorization may include the TPDES Multi Sector General Permit, TXR050000 (related to storm water discharges associated with industrial activity), separate authorization under this general permit if applicable, coverage under an alternative general permit if available, or authorization under an individual water quality permit.

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V. NON-STORM WATER DISCHARGES

Storm water discharges from this construction site may be intermittently mixed with the following non-storm water discharges:

- discharges from fire fighting activities (fire fighting activities do not include washing of trucks, runoff water from training activities, test water from fire suppression systems and similar activities);
- uncontaminated fire hydrant flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life), which include flushings from systems that utilize potable water, surface water, or groundwater that does not contain additional pollutants (uncontaminated fire hydrant flushings do not include systems utilizing reclaimed wastewater as a source water);
- water from the routine external washing of vehicles, external portion of buildings or structures, and pavement;
- discharges where detergents and soaps are not used;
- discharges where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed; and if local state, or federal regulations are applicable, the materials are removed according to those regulations);
- discharges where pressure washing is not conducted, and where the purpose is to remove mud, dirt, or dust;
- uncontaminated water used to control dust;
- potable water sources including waterline flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
- uncontaminated air conditioning condensate;
- uncontaminated ground water or spring water, including foundation or footing drains where flows are not contaminated with industrial materials such as solvents;

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- lawn watering and similar irrigation drainage; and
- any discharge authorized under a separate NPDES, TPDES, or TCEQ permit may also be combined with storm water discharges from this construction site.

The above non-storm water components would exit the site via the storm water drainage paths and would be subject to the same filtering and sedimentation control provided by the vegetated drainage channels and structural controls used for storm water runoff. Other non-storm water discharges are not anticipated from the construction of this project.

VI. SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN

A. MATERIALS COVERED

The following materials or substances with known hazardous properties are expected to be present on site during construction:

Concrete	Cleaning solvents
Detergents	Petroleum based products
Paints	Pesticides
Paint solvents	Acids
Fertilizers	Concrete additives
Soil stabilization additives	

B. MATERIAL MANAGEMENT PRACTICES

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff:

- Personnel will be trained in the proper storage, use, and disposal of on-site materials;

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- Materials will be stored in areas identified for that purpose and containment will be provided;
- Materials will be secured to prevent unauthorized use or vandalism;
- Material storage will be limited to reasonable quantities; and
- Waste materials will be collected in receptacles designed for the purpose and disposed of off site in accordance with applicable regulations.

C. GOOD HOUSEKEEPING

The following good housekeeping practices will be followed on site during the construction project.

- An effort will be made to store only enough product required to do the job;
- All materials stored on site will be stored in a neat, orderly manner and, if possible, under the roof or other enclosure;
- Products will be kept in their original containers with the original manufacturer's label in legible condition;
- Substances will not be mixed with one another unless recommended by the manufacturer;
- Whenever possible, all of a product will be used up before disposing of the container;
- Manufacturer's recommendations for proper use and disposal will be followed; and
- The job site superintendent will be responsible to ensure proper use and disposal of materials.

D. HAZARDOUS PRODUCTS

These practices will be used to reduce the risk associated with hazardous materials.

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- Products will be kept in original containers with the original labels in legible condition;
- Original labels and material safety data sheets (MSDS's) will be procured and used for each material;
- If surplus product must be disposed of, manufacturers or local/state/federal recommended methods for proper disposal will be followed;
- A spill control and containment kit (containing, for example, absorbent materials such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) will be provided at the storage site; and
- All of the product in a container will be used before the container is disposed of. All such containers will be triple-rinsed with water prior to disposal. The rinse water used in these containers will be disposed of in a manner in compliance with state and federal regulations and will not be allowed to mix with storm water discharges.

E. PRODUCT SPECIFIC PRACTICES

The following product-specific practices will be followed on the job site.

1. PETROLEUM PRODUCTS

All on-site vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any petroleum storage tanks used on site will have a dike or berm containment structure constructed around it to contain any spills which may occur. Any asphalt substances used on site will be applied according to the manufacturer's recommendations.

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2. FERTILIZER

Fertilizers will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked in the soil to limit exposure to storm water. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

3. PAINTS, PAINT SOLVENTS, AND CLEANING SOLVENTS

All containers will be tightly sealed and stored when not in use. Excess paint and solvent will not be discharged to the storm sewer system but will be properly disposed of according to manufacturer's instructions or state and federal regulations.

4. CONCRETE TRUCKS

TXR150000 authorizes the land disposal of wash-out water from concrete trucks that are associated with off-site production facilities, as long as the discharge is in compliance with the restrictions of this SWP3. Wash-out water associated with on-site concrete production facilities is not authorized by the TXR150000 General Permit and must be authorized under a separate TCEQ General Permit or individual permit. Direct discharge of concrete truck wash-out water to surface waters in the state, including discharge to storm sewers is prohibited by the TXR150000 General Permit. Wash out of concrete trucks during rainfall events shall be minimized and the operator shall ensure that its BMPs are sufficient to prevent the discharge of concrete truck wash-out as the result of rain. The direct discharge of concrete truck wash-out water to surface water in the state, including discharge to storm sewers, is prohibited by the general permit at all times. The discharge of wash-out water shall not cause or contribute to groundwater contamination.

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Concrete trucks will be allowed to wash out or discharge surplus concrete or drum wash water on the site, but only in either specifically designated diked areas which have been prepared to prevent contact between the concrete and wash-out water or storm water which will be discharged from the site; or in locations where waste concrete can be poured into forms to make riprap or other useful concrete products.

The hardened residue from the concrete wash-out diked areas will be disposed of in the same manner as other non-hazardous construction waste materials, or may be broken up and used on site as deemed appropriate by the Contractor. The job site superintendent will be responsible for seeing that these procedures are followed.

F. SPILL PREVENTION PRACTICES

In addition to the good housekeeping and material management practices discussed in previous sections of this plan, the following practices will be followed for spill prevention and cleanup.

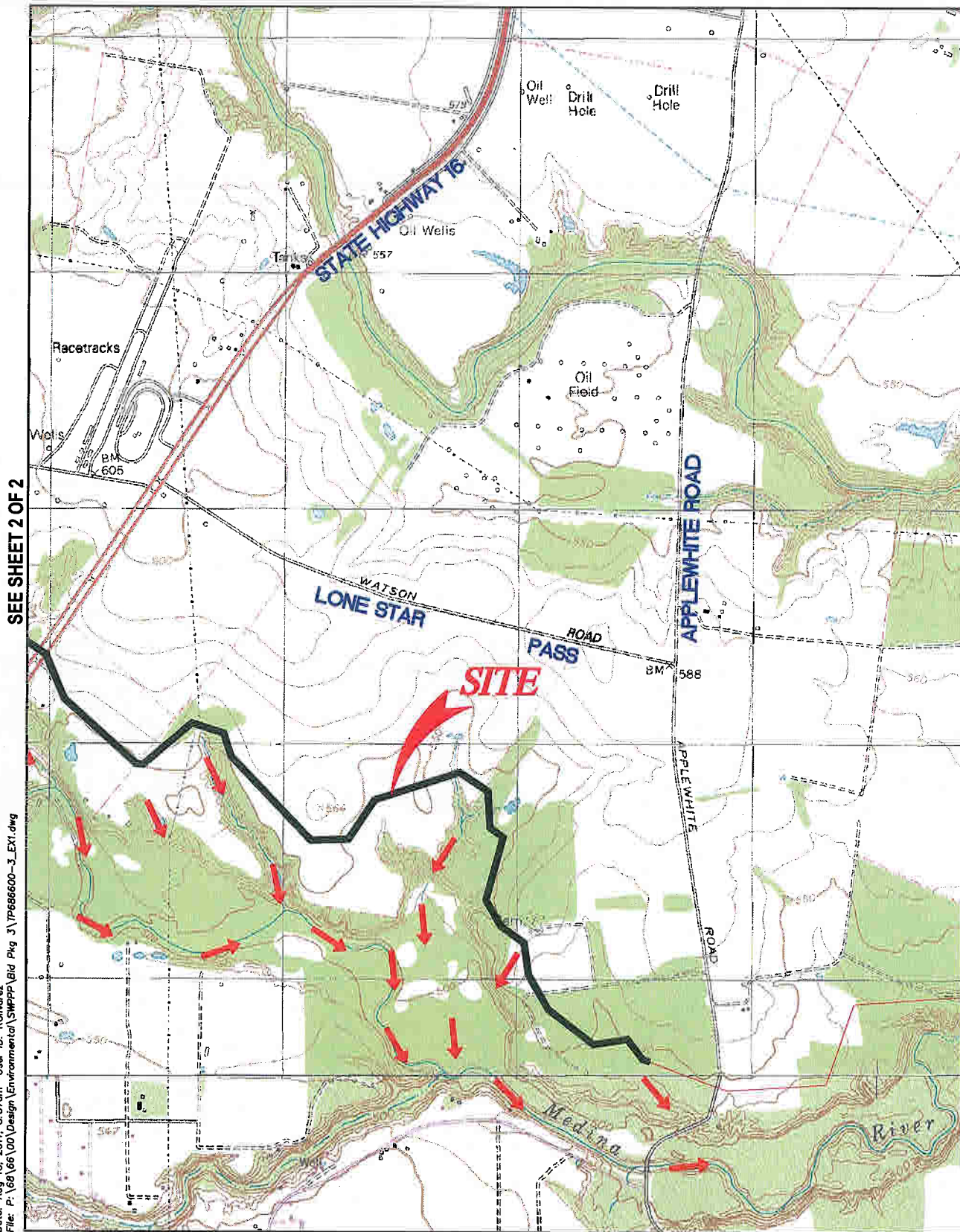
- Manufacturer's recommended methods for spill cleanup will be clearly posted, and site personnel will be trained regarding these procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the on-site material storage area in a spill control and containment kit (containing for example, absorbent materials such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.).
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with the hazardous substances.

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

- Spills of toxic or hazardous materials will be reported to the appropriate federal, state, and local government agency. Spills of amounts that exceed Reportable Quantities of certain substances specifically mentioned in federal regulations (40 CFR 302) will be immediately reported to the TCEQ National Response Center, telephone 1-800-832-8224. Reportable Quantities of some substances which may be used at the job site are as follows:
 - Oil – appearance of a film or sheen on water
 - Pesticides – usually one (1) pound
 - Acids – 5,000 pounds
 - Solvents, flammable – 100 pounds
- The SPCC plan will be adjusted to include measures on how to prevent this type of spill from recurring. A description of the spill, what caused it, and the cleanup measures will also be included. If the spill exceeds a Reportable Quantity, reports of the incident will be in compliance with federal, state, and local regulations.
- The job site superintendent will be the spill prevention and cleanup coordinator. He will designate the individuals responsible for a particular phase of prevention and cleanup.

EXHIBITS

**MEDINA RIVER SEWER OUTFALL
SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan**



SEE SHEET 2 OF 2

Date: Aug 15, 2011, 8:57am User ID: R01varez
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→ → → DRAINAGE FLOW

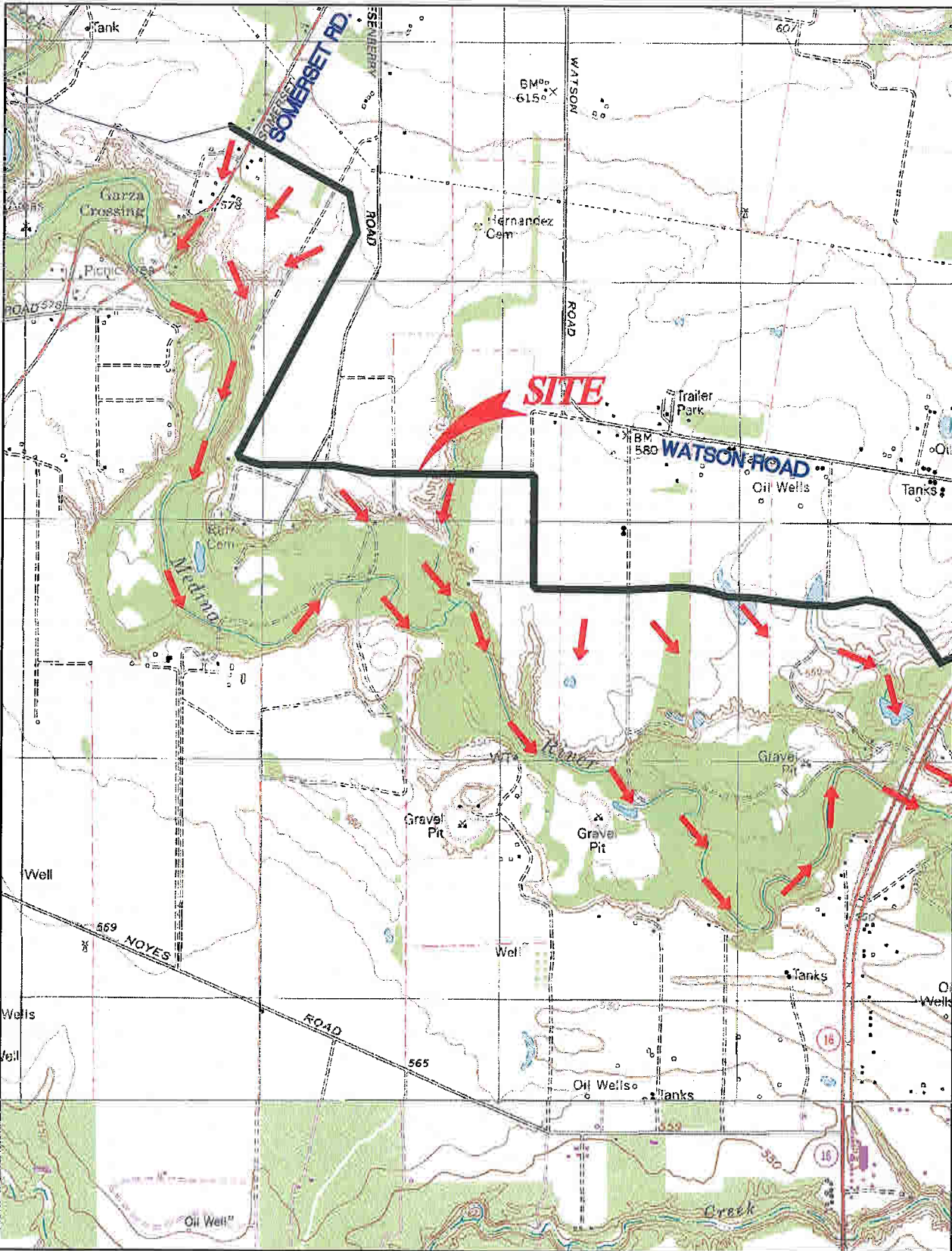
EXHIBIT 1

GENERAL LOCATION MAP, TERREL WELLS, TX QUAD,
THELMA, TX QUAD
SCALE: 1" = 2000'



Sheet 1 Of 2

**MEDINA RIVER SEWER OUTFALL
SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan**



SEE SHEET 1 OF 2

Date: Aug 15, 2011, 8:57am User ID: Rollvarez
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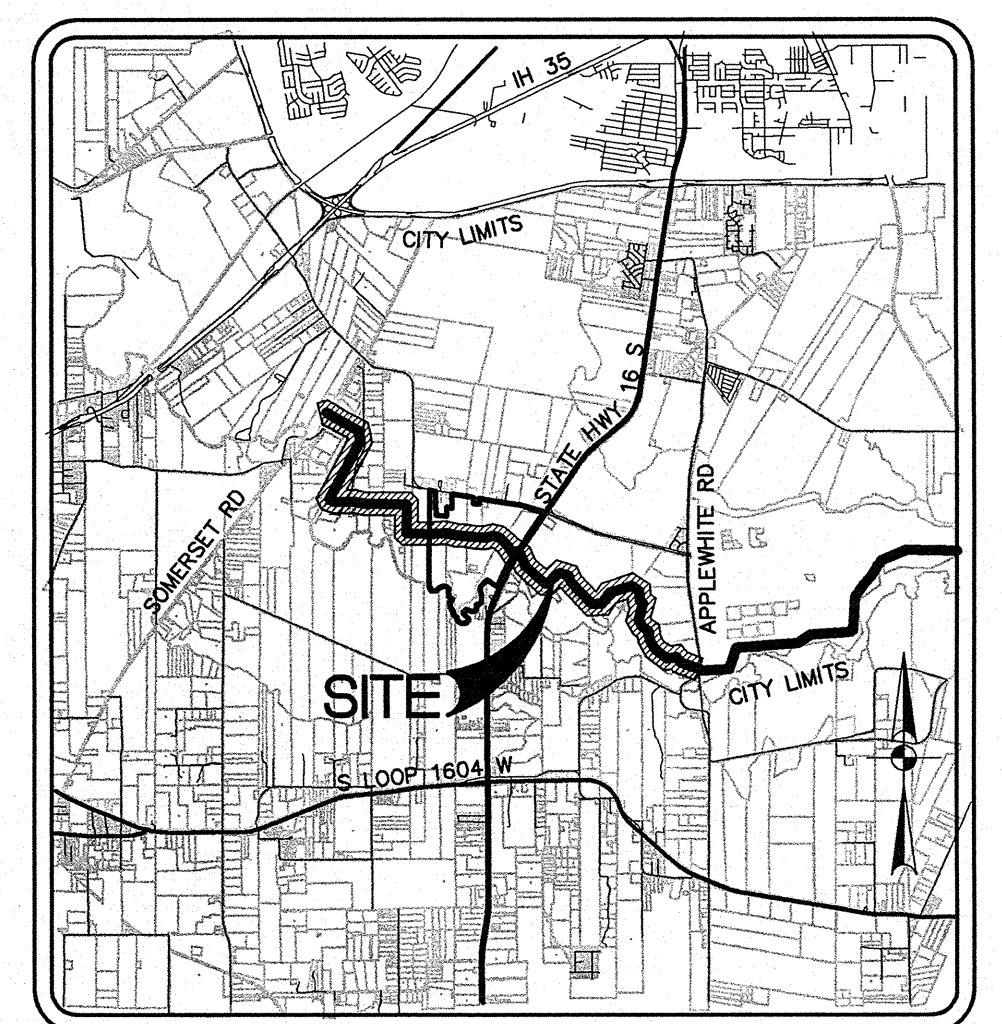
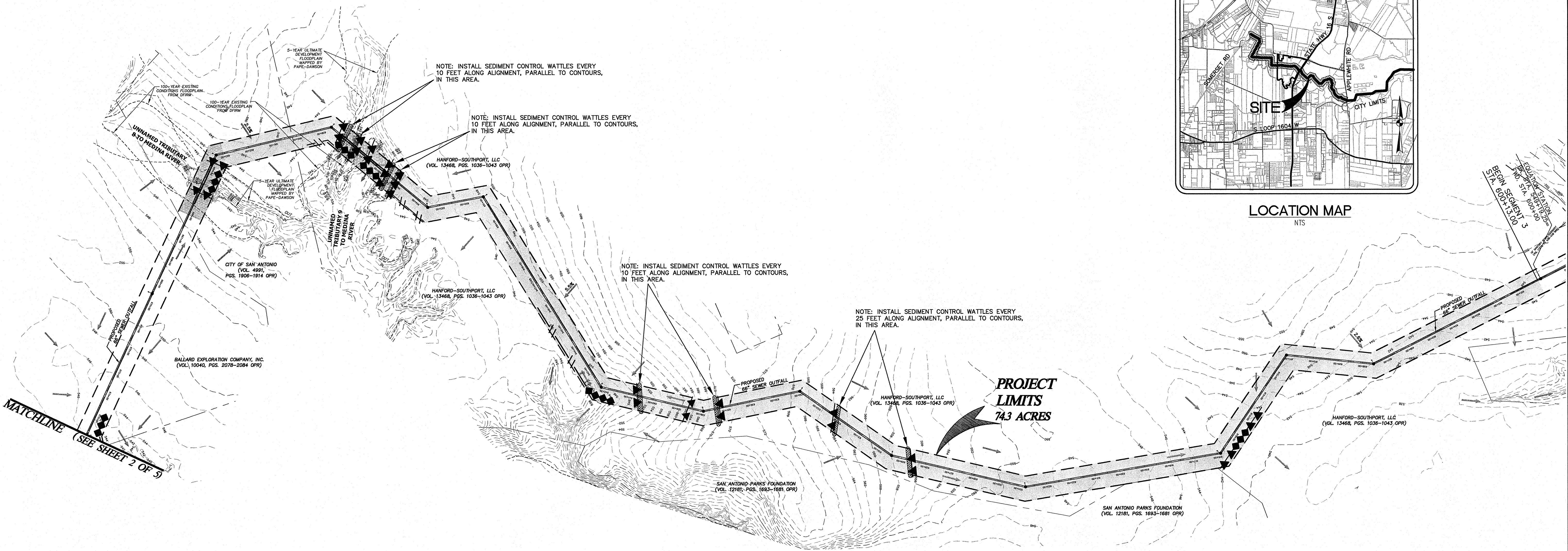
→ → DRAINAGE FLOW

EXHIBIT 1

GENERAL LOCATION MAP, TERREL WELLS, TX QUAD,
THELMA, TX QUAD
SCALE: 1" = 2000'

Sheet 2 of 2





LOCATION MAP
NTS

SWP3 MODIFICATIONS

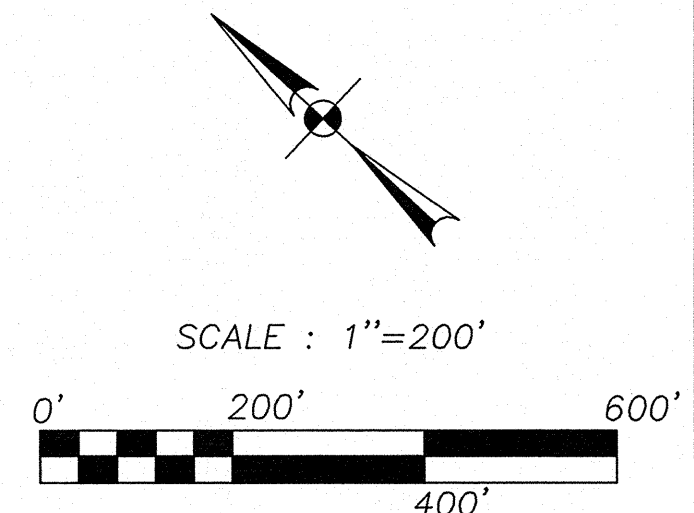
DATE	SIGNATURE	DESCRIPTION

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- HYDOMULCH (REFERENCE PROJECT SPECIFICATIONS)
 - EROSION CONTROL MAT & TACKIFIED HYDOMULCH (REFERENCE PROJECT SPECIFICATIONS)



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EXHIBIT 2

REVISIONS:
-CHANGED "BID PACKAGE" TO "SEGMENT"
-ADDED SLOPES
-NOTE 13 ADDED

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555 EAST RAUSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
FAX: 210.375.9010
TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

**MEDINA RIVER SEWER OUTFALL
SAN ANTONIO, TEXAS
SEGMENT 3, SAWS JOB NO. 11-2504
STORM WATER POLLUTION PREVENTION PLAN**

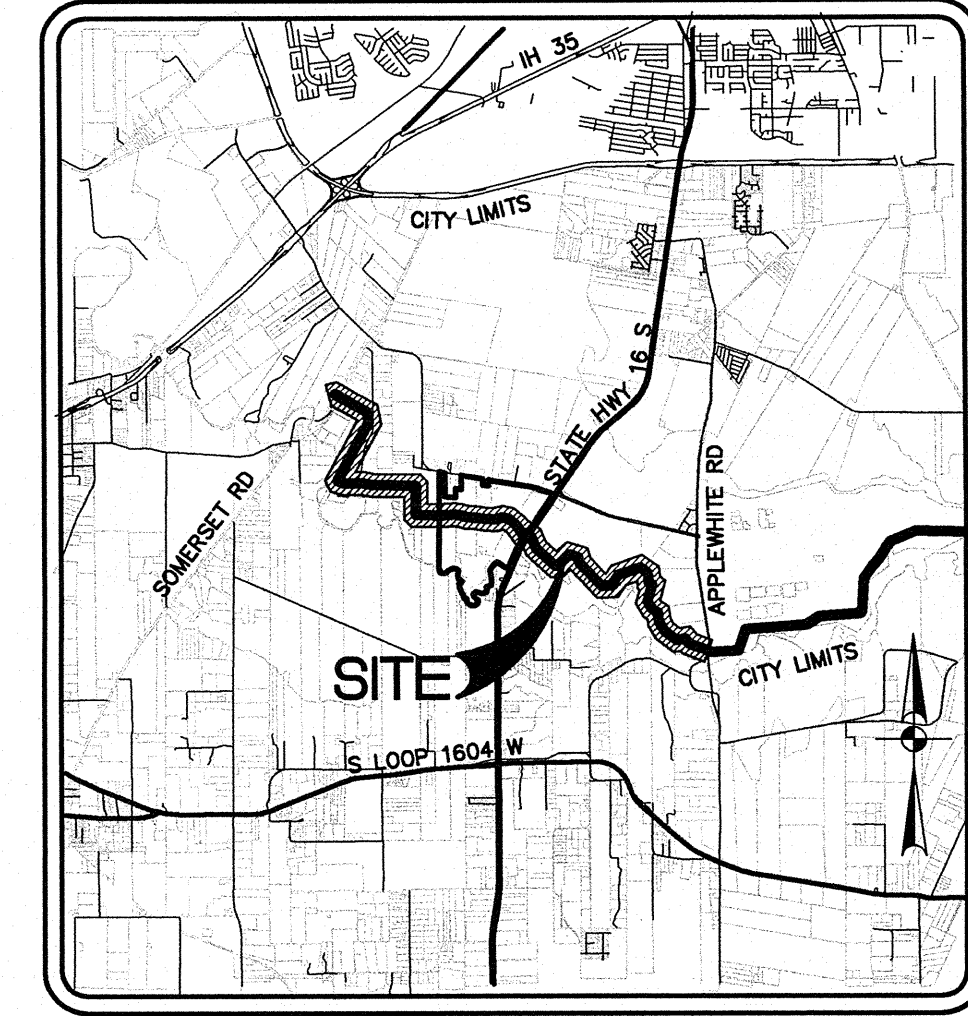
JOB NO. 6866-00
DATE NOVEMBER 2009
DESIGNER MGB
CHECKED CPE DRAWN RO
SHEET 1 of 5

Date: Aug 15, 2011, 2:11pm User: ID: R011wvaz File: F:\68\68\00\Design\Environmental\SWP3\Bldg Pkg 3\TPDES6600-3_EX2.dwg

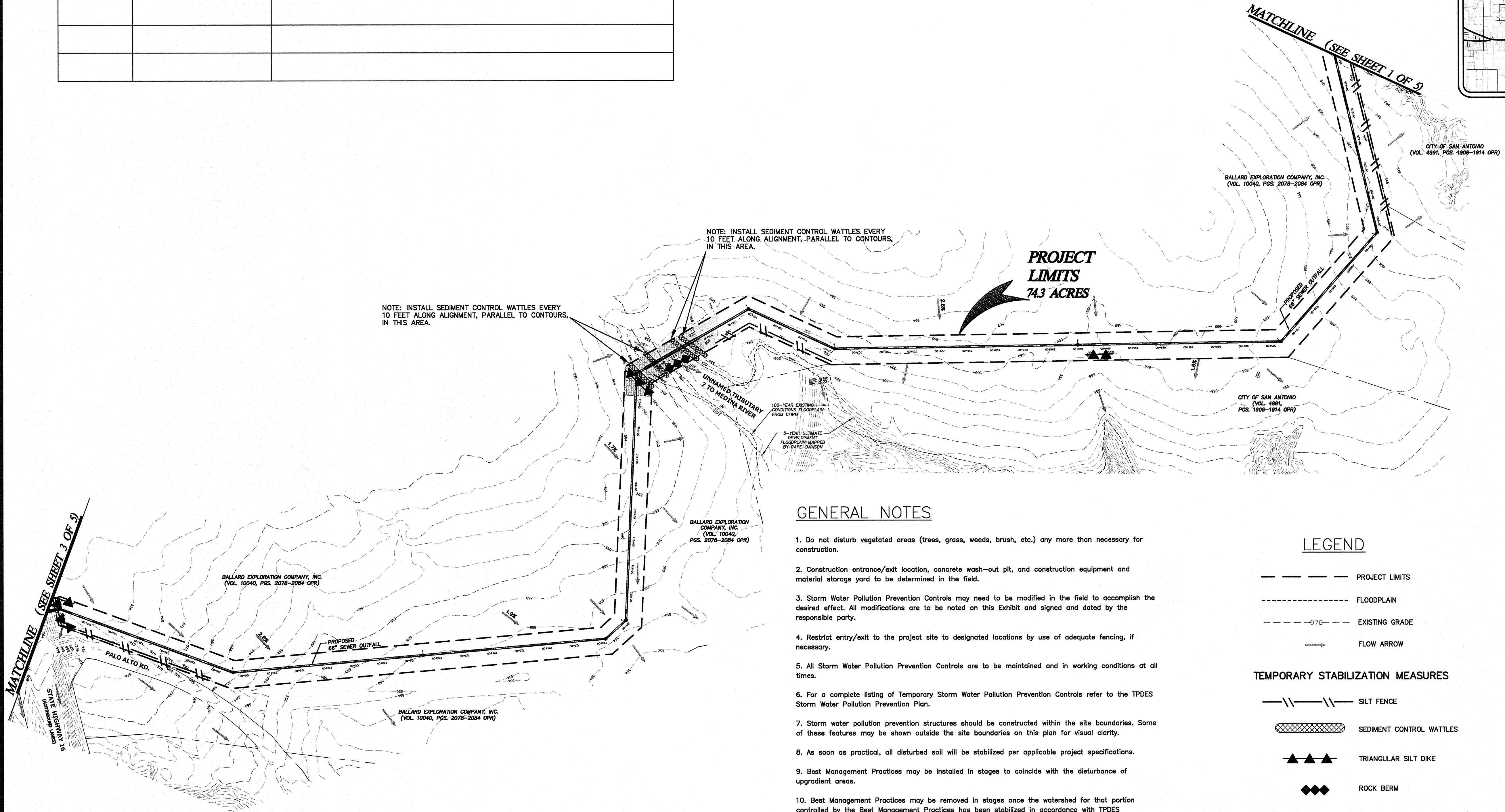
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SWP3 MODIFICATIONS

DATE	SIGNATURE	DESCRIPTION



LOCATION MAP
NTS

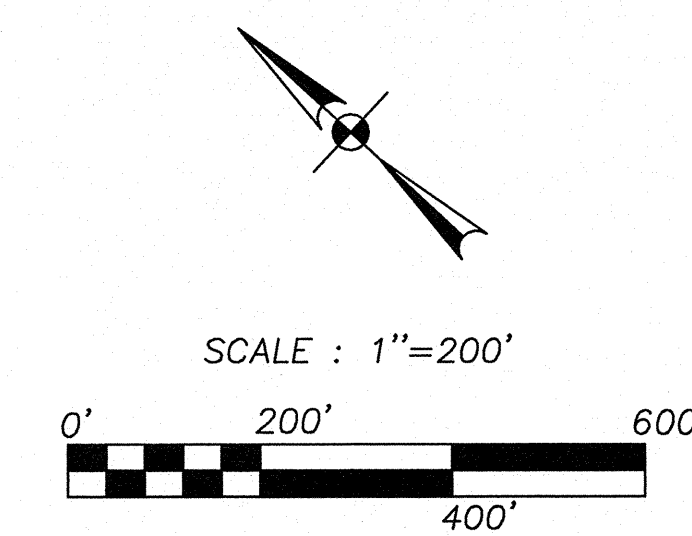


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LEGEND

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REVISIONS:
08-11-2009 "RD PACKAGE"
TO "SEGMENT"
-ADDED SLOPES
-NOTE 13 ADDED



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TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

**MEDINA RIVER SEWER OUTFALL
SAN ANTONIO, TEXAS
SEGMENT 3, SAWS JOB NO. 11-2504
STORM WATER POLLUTION PREVENTION PLAN**

JOB NO. 6866-00
DATE NOVEMBER 2009
DESIGNER MGB
CHECKED CPE DRAWN RO
SHEET 2 of 5

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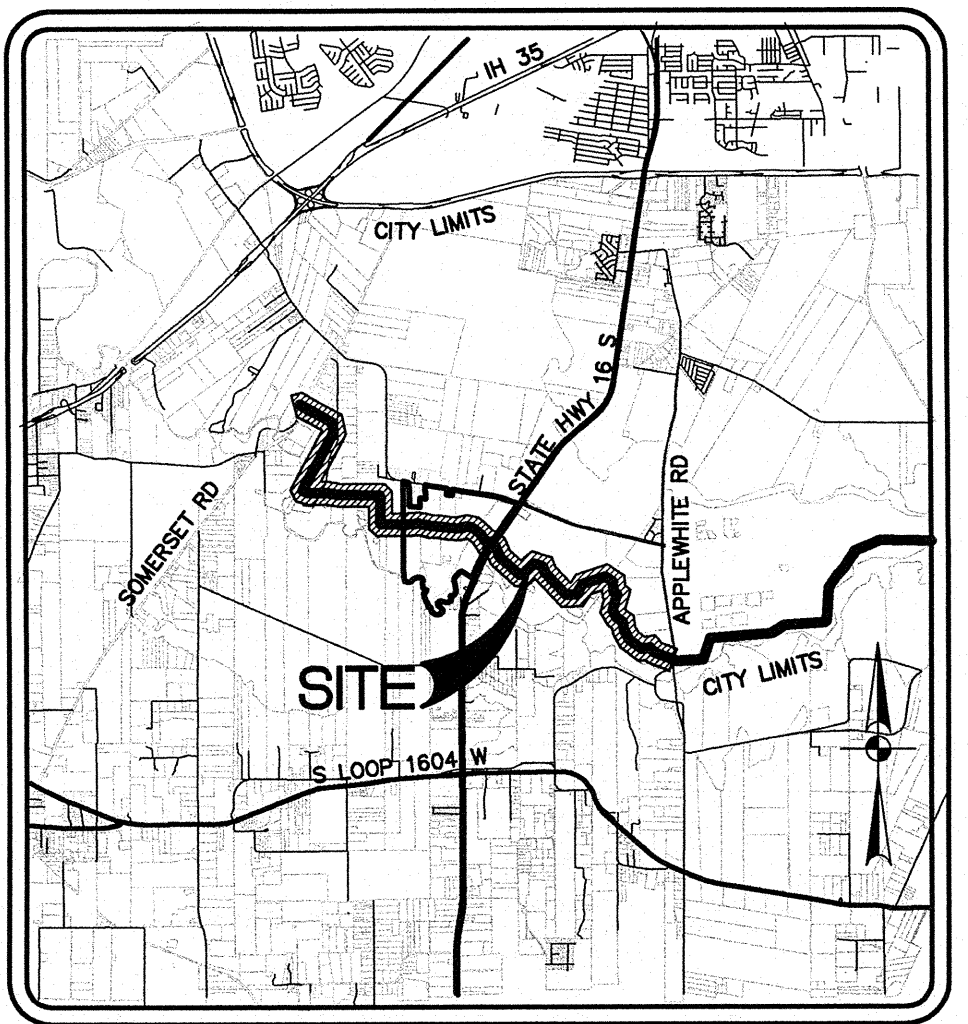
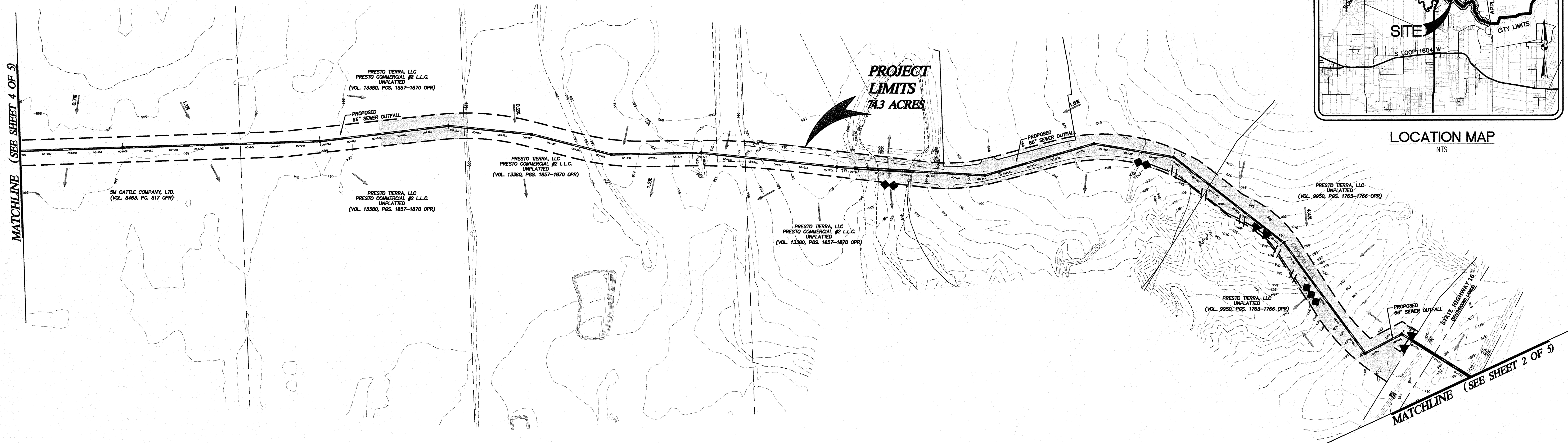
EXHIBIT 2

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REVISIONS:
 08-11-2011
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 TO "SEGMENT"
 -ADDED SLOPES
 -NOTE 13 ADDED



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 955 EAST RAISEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
 TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

SWP3 MODIFICATIONS

DATE	SIGNATURE	DESCRIPTION

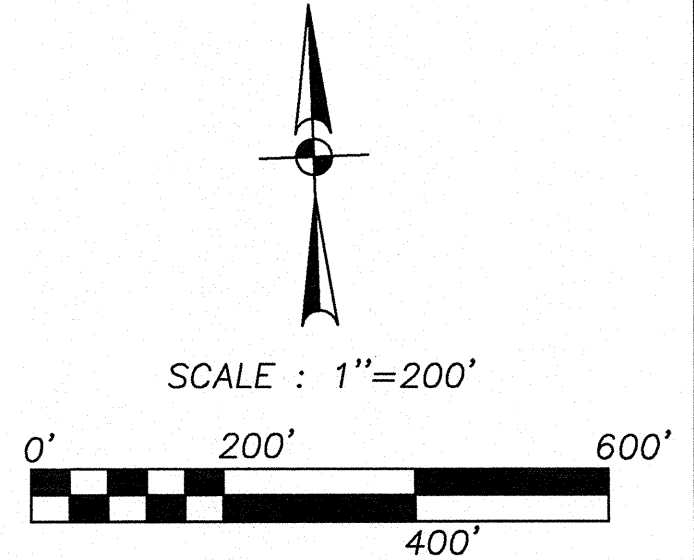
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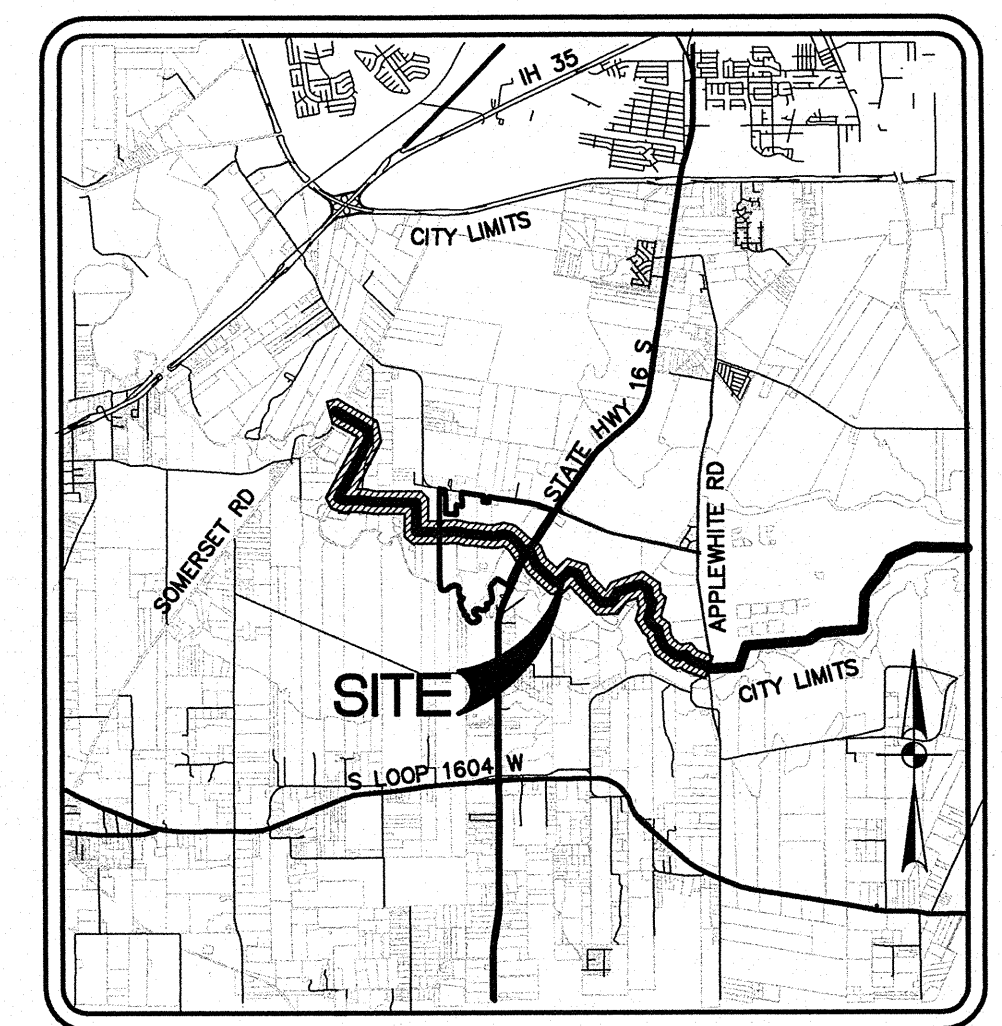
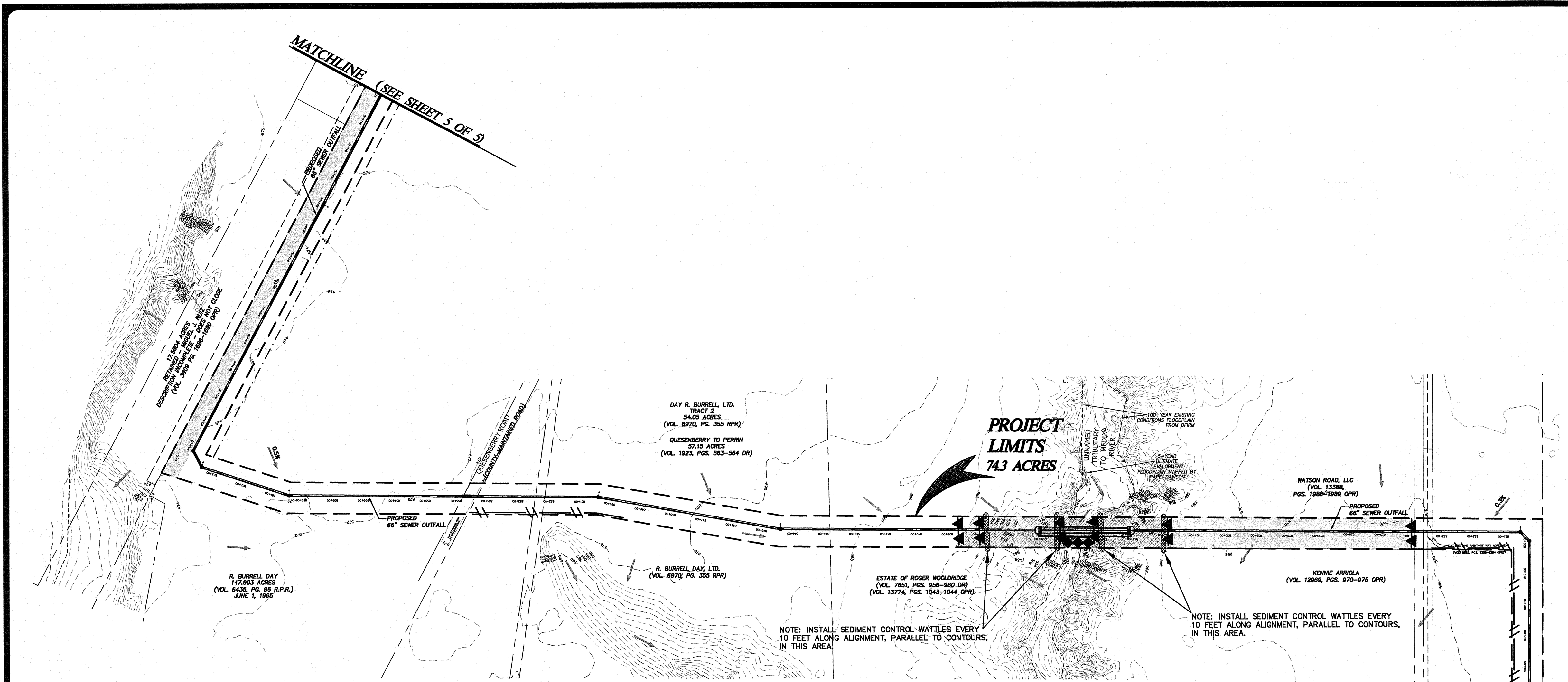
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EXHIBIT 2

**MEDINA RIVER SEWER OUTFALL
 SAN ANTONIO, TEXAS
 SEGMENT 3, SAWS JOB NO. 11-2504
 STORM WATER POLLUTION PREVENTION PLAN**

JOB NO. 6866-00
 DATE NOVEMBER 2009
 DESIGNER MGB
 CHECKED CPE DRAWN RO
 SHEET 3 of 5

Date: Aug 15, 2011, 8:29am User: ID: R01varez
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LOCATION MAP
NTS

SWP3 MODIFICATIONS

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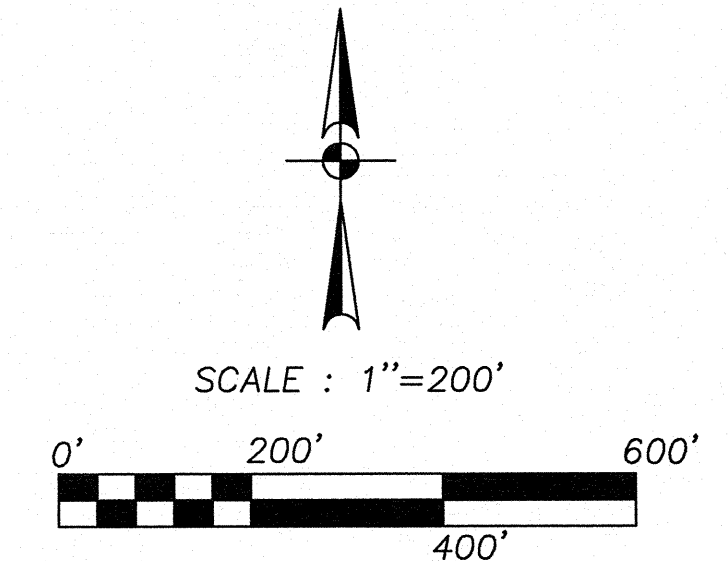
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MEDINA RIVER SEWER OUTFALL
SAN ANTONIO, TEXAS
SEGMENT 3, SAWS JOB NO. 11-2504
STORM WATER POLLUTION PREVENTION PLAN

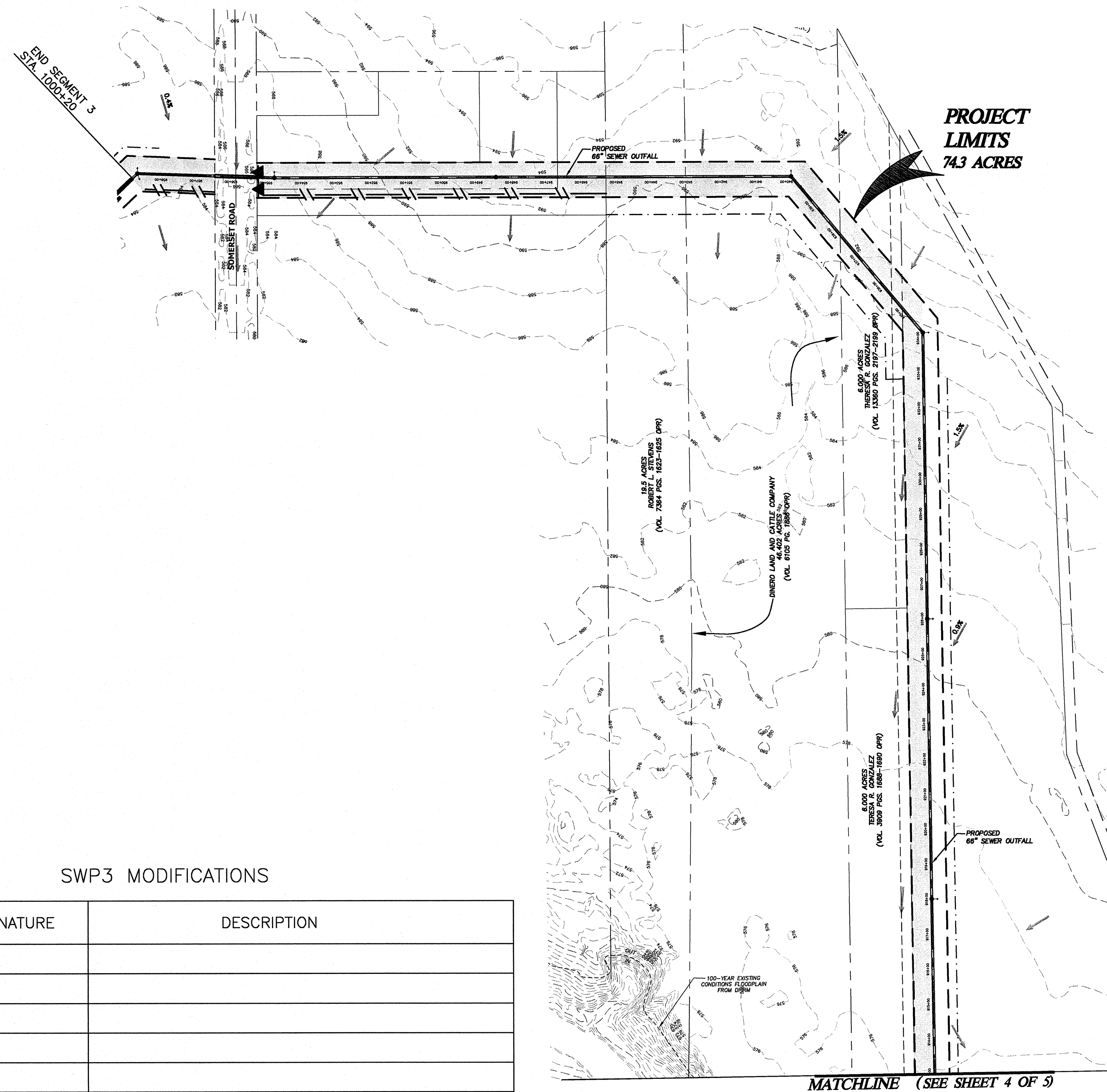
JOB NO. 8886-00
 DATE NOVEMBER 2009
 DESIGNER MGB
 CHECKED CPE DRAWN RO
 SHEET 4 of 5

REVISIONS:
 08-15-11
 08/15/11

STATE OF TEXAS
 CARA C. TACKETT
 88491
 LICENSED PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS

555 EAST RAMSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
 TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470



**PROJECT LIMITS
74.3 ACRES**

SWP3 MODIFICATIONS

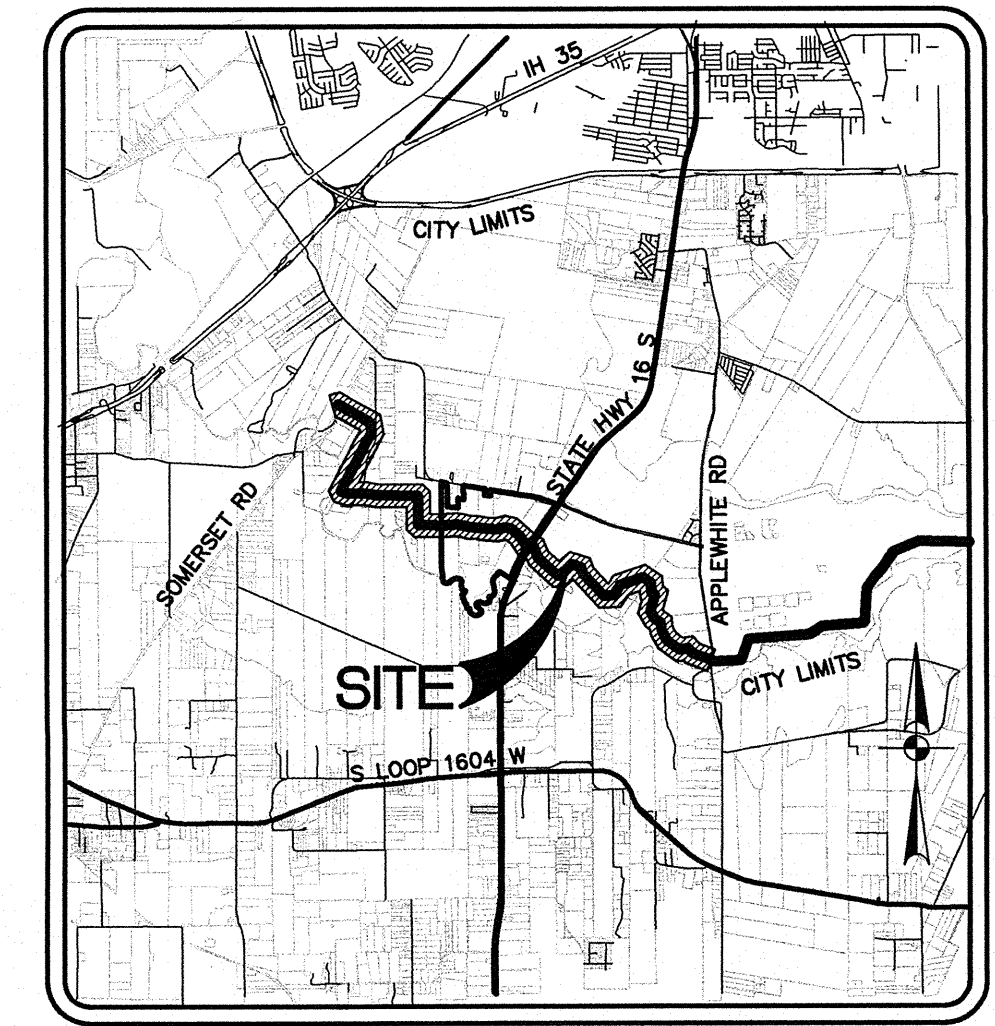
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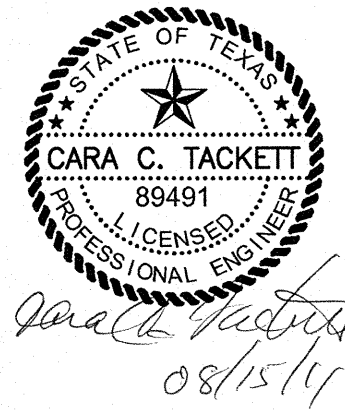
LEGEND

- PROJECT LIMITS
 - - - FLOODPLAIN
 - - - -976- - - EXISTING GRADE
 - FLOW ARROW
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- ||| SILT FENCE
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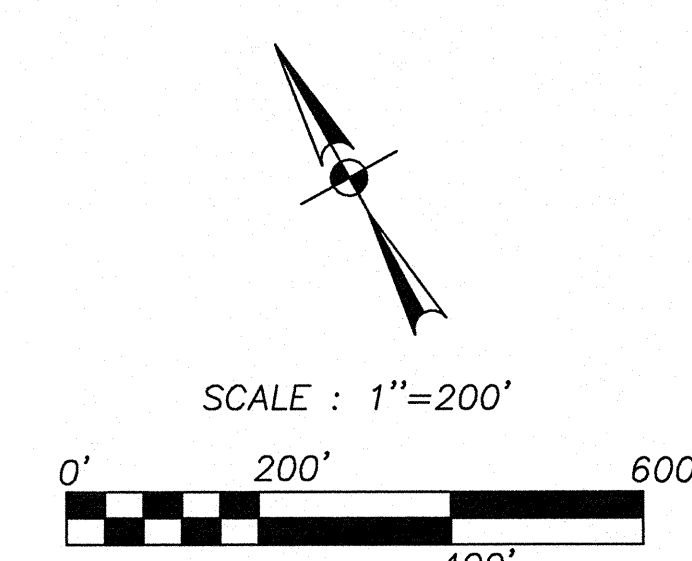
LOCATION MAP
NTS

REVISIONS:
CHANGED "BID PACKAGE"
TO "SEGMENT"
-ADDED SLOPES
-NOTE 13 ADDED



PAPE-DAWSON ENGINEERS
555 EAST RAMSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

**MEDINA RIVER SEWER OUTFALL
SAN ANTONIO, TEXAS
SEGMENT 3, SAWS JOB NO. 11-2504
STORM WATER POLLUTION PREVENTION PLAN**



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EXHIBIT 2

JOB NO. 6886-00
DATE NOVEMBER 2009
DESIGNER MGB
CHECKED CPE DRAWN RO
SHEET 5 of 5

Date: Aug 15, 2011, 8:28am User: R011varez
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ATTACHMENTS

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

PROJECT MILESTONE DATES

Date when major site grading activities begin:

<u>Construction Activity</u>	<u>Date</u>
<u>Installation of BMPs</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Dates when construction activities temporarily or permanently cease on all or a portion of the project:

<u>Construction Activity</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Dates when stabilization measures are initiated:

<u>Stabilization Activity</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<u>Removal of BMPs</u>	_____

**MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan**

TPDES GENERAL PERMIT TXR150000

RESPONSIBLE PARTY FORM

SHARED STORM WATER POLLUTION PREVENTION PLAN

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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Primary Operator having operational control over construction plans and specifications, including the ability to make modifications to these plans and specifications.

Entity Name: _____

Authorized Signature/Date: _____

Name and Position: _____

Permit No.: _____

Secondary Operator whose operational control is limited to the employment of other operators or to the ability to approve or disapprove changes to plans and specifications.

Entity Name: _____

Authorized Signature/Date: _____

Name and Position: _____

Permit No.: _____

Owner Information

Owner Name: _____

Authorized Signature/Date: _____

Name and Position: _____

Permit No.: _____

Primary Operator having day-to-day operational control of those construction site activities necessary to ensure compliance with the Storm Water Pollution Prevention Plan or other permit conditions.

Company Name: _____

Authorized Signature/Date: _____

Name and Position: _____

Permit No.: _____

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

TPDES GENERAL PERMIT TXR150000
RESPONSIBLE PARTY FORM

Prevention Measure Pollution 1. Responsible Party 2. Signature 3. Phone Number																	
	1:	2:	3:	1:	2:	3:	1:	2:	3:	1:	2:	3:	1:	2:	3:		

Best Management Practices

SWP3 Modification & Records					
Natural vegetation buffer strip					
Temporary vegetation					
Permanent vegetation					
Sediment control basin					
Silt fences					
Rock berms					
Gravel filter bags					
Drain inlet protection					
Other structural controls					
Vehicle exits (off-site tracking)					
Material storage areas (leakage)					
Equipment areas (leaks, spills)					
Concrete washout pit (leaks, failure)					
Construction debris					
General site cleanliness					
Trash receptacles					
Inspections					

Potential Erosion Sources

Clearing					
Grading					
Excavation					
Drainage construction					
Utility construction					
Roadway or parking lot construction					
Foundation construction					
Building construction					
Landscaping activities					

Identify responsible parties and indicate responsible party for each pollution prevention item listed above by marking an X under the Responsible Party Name.

**NOTICE OF INTENT,
CONSTRUCTION SITE NOTICE
& NOI TRACKING FORM**



**Notice of Intent (NOI) for Storm Water
Discharges Associated with Construction
Activity under TPDES General Permit
(TXR150000)**

TCEQ Office Use Only
Permit No.: TXR15
RN:
CN:
Ref No:



**Sign up now for ePermits NOI at www6.tceq.state.tx.us/steers
Get Instant Permit Coverage and only pay a \$225 application fee.**

If filing a paper NOI you can pay the application fee on line? Go to www.tceq.state.tx.us/epay
Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
If submitting a paper NOI, coverage under the general permit starts seven (7) days after the date postmarked for delivery to TCEQ.

IMPORTANT:

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the attached **CUSTOMER CHECKLIST** to make certain all you filled out all required information.
- Incomplete applications **WILL** delay approval or result in **automatic Denial**.

Renewal of General Permit

Is this NOI to renew an ACTIVE permit?

- Yes - What is your permit number? Permit No. TXR15 _____
 No - a permit number will be issued.

Application Fee if mailing a paper NOI:

You must pay the \$325 Application Fee to TCEQ for the application to be considered complete.
Payment and NOI must be mailed to separate addresses. See instructions for correct mailing addresses.

Provide your payment information below, for us to verify payment of the application fee:

<input type="checkbox"/> Mailed:	Check/Money Order No.:	Company Name on checking account:
<input type="checkbox"/> EPAY:	Voucher No.:	Is the Payment Voucher copy attached? <input type="checkbox"/> Yes

A. OPERATOR (applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity?
CN **600529069** (Search Central Registry)

2. What is the Legal Name of the entity (applicant) applying for this permit?

San Antonio Water System

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)

3. What is the name and title of the person signing the application?

(The person must be an official meeting signatory requirements in TAC 305.43(a).)

Name: _____ Job Title: _____

4. What is the Operator's (applicant) mailing address as recognized by the US Postal Service? (verify at USPS.com)

Address: **2800 U.S Highway 281 North** Suite No./Bldg. No./Mail Code:
City: **San Antonio** State: **Texas** ZIP Code: **78212**
Country Mailing Information (if outside USA): Country Code: Postal Code:

5. Phone No.: (210) **233-3020** Extension:

6. Fax No.: (210) **233-5468** E-mail Address:

7. Indicate the type of Customer:

- | | | |
|---|---|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole Proprietorship-D.B.A. | <input type="checkbox"/> Limited Partnership |
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Federal Government | <input type="checkbox"/> General Partnership |
| <input type="checkbox"/> State Government | <input type="checkbox"/> County Government | <input type="checkbox"/> City Government |
| <input type="checkbox"/> Other Government | <input checked="" type="checkbox"/> Other (describe): Public Utility | |

8. Independent Operator: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If governmental entity, subsidiary, or part of a larger corporation, check "No".)	
9. Number of Employees: <input type="checkbox"/> 0-20; <input type="checkbox"/> 21-100; <input type="checkbox"/> 101-250; <input type="checkbox"/> 251-500; or <input checked="" type="checkbox"/> 501 or higher	
10. Customer Business Tax and Filing Numbers <i>(This item is not applicable to Individuals, Government, GP or Sole Proprietor.)</i> REQUIRED for Corporations and Limited Partnerships (Verify the entity's status and filing no. with TX SOS at 512/463-5555)	
State Franchise Tax ID Number:	Federal Tax ID:
TX SOS Charter (filing) Number:	DUNS Number (if known):
B. APPLICATION CONTACT	
If TCEQ needs additional information regarding this application, who should be contacted?	
1. Name: Patrick O'Connor	Title: Project Manager
Company: San Antonio Water System	
2. Phone No.: (210) 233-3020	Extension:
3. Fax No.: (210) 233-5468	E-mail Address: poconnor@saws.org
C. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE	
1. TCEQ Issued RE Reference Number (RN): RN (Search <u>Central Registry</u>)	
2. Name of Project or Site (the name as known by the community where this facility/project is located): Medina River Sewer Outfall: Segment 3 (SAWS Job No. 11-2504) (example: phase and name of subdivision or name of project that's unique to the site)	
3. Does the site have a physical address? If Yes, complete Section A for a physical address. If No, complete Section B for site location information.	
Section A: Enter the physical address for the site. (verify it with <u>USPS.com</u> or other delivery source)	
Street Number:	Street Name:
City:	ZIP Code:
Section B: Enter the site location information. If no physical address (Street Number & Street Name), provide a written location access description to the site: (Ex.: phase 1 of Woodland subdivision located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South) From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road	
City where the site is located or nearest city to site: San Antonio	ZIP Code where site is located: 78073
4. Identify the county where the site is located: Bexar	
5. Latitude: N 29°15'20.1"	Longitude: W 98°32'59.2"
6. What is the primary business of this entity? In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code) Construction of a sanitary sewer main	
7. What is the mailing address for the regulated entity?	
Is the RE mailing address the same as the Operator? <input checked="" type="checkbox"/> Yes, address is the same as Operator <input type="checkbox"/> No, provide the address	
Street Number:	Street Name:
City:	State:
ZIP Code:	
D. GENERAL CHARACTERISTICS	
1. Is the site located on Indian Country Lands? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – If Yes, do not submit this NOI. Contact EPA, Region VI If the site is on Indian country lands, you must obtain authorization through EPA, Region VI.	
2. What is the Standard Industrial Classification (SIC) code (see instructions for common codes): (Search <u>Osha.gov</u>) Primary: 1623 Secondary: _____	

3(a) What is the total number of acres disturbed? 74

3(b) Is the project site part of a larger common plan of development or sale? Yes No

If Yes, the total number of acres disturbed can be less than 5 acres.

If No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.

4. Discharge Information (all information MUST be provided or the permit will be denied)

4(a) What is the name of the water body(s) to receive the storm water runoff or potential runoff from the site?
Medina River

4(b) What is the segment number(s) of the classified water body(s) that the discharge or potential discharge will eventually reach? 1903

4(c) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) list of impaired waters?

Yes No

If Yes, provide the name of the impaired water body(s).

4(d) Is the discharge into an MS4? Yes No

If Yes, what is the name of the MS4 Operator? SAWS

Note: The general permit requires you to send a copy of the NOI to the MS4 Operator.

4(e) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer?

Yes No

If the answer is Yes, please note that a copy of the agency approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) must be included or referenced in the Storm Water Pollution Prevention Plan.

E. CERTIFICATION

Check "Yes" to the certifications below. Failure to certify to all items will result in denial.

<input type="checkbox"/> Yes	I certify that I have obtained a copy and understand the terms and conditions of the <u>general permit (TXR150000)</u> .
<input type="checkbox"/> Yes	I certify that the full legal name of the entity (Operator) applying for this permit has been provided and is legally authorized to do business in Texas.
<input type="checkbox"/> Yes	I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.
<input type="checkbox"/> Yes	I certify that a storm water pollution prevention plan has been developed and implemented prior to construction, and that is compliant with any applicable local sediment and erosion control plans and prepared and implemented as required in the general permit TXR150000.

Operator Certification:

I, _____
Typed or printed name (Required & must be legible) Title (Required & legible)

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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature: _____ Date: _____
(Use blue ink)

Did you complete everything? Use this checklist to be sure!

Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

Customer GP Notice of Intent Checklist TXR150000	
√	This checklist is for use by the operator to ensure a complete application. Missing information may result in denial of coverage under the permit. (See NOI Process description in the Instructions)
<input type="checkbox"/>	Application Fee of \$325.00 was mailed separately to TCEQ's Cashiers's Office (separate from the NOI) or the EPAY payment voucher is attached.
OPERATOR INFORMATION - Confirm each item is complete:	
√	
<input checked="" type="checkbox"/>	Customer Number (CN) issued by TCEQ Central Registry
<input checked="" type="checkbox"/>	Legal Name as filed to do business in Texas (Call TX SOS 512/463-5555)
<input type="checkbox"/>	Name and Title of person signing the application. This person must meet signatory requirements in 30 TAC Section 305.43
<input checked="" type="checkbox"/>	Operator Mailing Address is complete & verifiable with USPS. www.usps.com
<input checked="" type="checkbox"/>	Phone Numbers/E-mail Address
<input checked="" type="checkbox"/>	Type of Operator (Entity Type)
<input checked="" type="checkbox"/>	Independent Operator
<input checked="" type="checkbox"/>	Number of Employees
<input type="checkbox"/>	For Corporations or Limited Partnerships – Tax ID and SOS Filing numbers are REQUIRED
Application Contact person we can call for questions about this application.	
REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE - Confirm each item is complete:	
√	
<input type="checkbox"/>	Regulated Entity Reference Number (RN) (if site is already regulated by TCEQ)
<input checked="" type="checkbox"/>	Site/Project Name/Regulated Entity
<input type="checkbox"/>	Site/Project (RE) Physical Address Please do not use a rural route or post office box for a site location
<input checked="" type="checkbox"/>	Or if no physical address, the location information that includes description, zip code and city is listed.
<input checked="" type="checkbox"/>	Latitude and Longitude TCEQ USGS Topographic Map Viewer or TerraServer-USA
<input checked="" type="checkbox"/>	Business description
<input checked="" type="checkbox"/>	Site Mailing Address (checked same as operator or complete & verifiable with USPS. www.usps.com)
GENERAL CHARACTERISTICS - Confirm each item is complete:	
√	
<input checked="" type="checkbox"/>	Indian Country Lands –the facility is not on Indian Country Lands
<input checked="" type="checkbox"/>	Standard Industrial Classification (SIC) code www.osha.gov/oshstats/sicscr.html
<input checked="" type="checkbox"/>	Acres Disturbed is provided and qualifies for coverage through a NOI.
<input checked="" type="checkbox"/>	Common plan of development or for sale?
<input checked="" type="checkbox"/>	Discharge Information:
<input checked="" type="checkbox"/>	receiving water body
<input checked="" type="checkbox"/>	segment number(s) is REQUIRED
<input checked="" type="checkbox"/>	water body on the latest EPA-Approved Clean Water Act 303(d) list of impaired waters
<input checked="" type="checkbox"/>	MS4 Operator
<input checked="" type="checkbox"/>	Edwards Aquifer Rule
<input type="checkbox"/>	CERTIFICATION Certification statements have been checked indicating "Yes" Signature meets 30 Texas Administrative Code (TAC) §305.44 and is original and has been provided for the Operator.

**Texas Commission on Environmental Quality
General Permit Payment Submittal Form
\$325 for a paper Construction NOI Application Fee**

Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below:
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

Mail this form and your check to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, TX 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, TX 78753

Fee Code: **GPA**

General Permit: TXR150000

1. Check / Money Order No:

2. Amount of Check/Money Order:

3. Date of Check or Money Order:

4. Name on Check or Money Order:

5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. **DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.**

See Attached List of Sites (If more space is needed, you may attach a list.)

Project/Site (RE) Name:

Medina River Sewer Outfall: Segment 3 (SAWS Job No. 11-2504)

Project/Site (RE) Physical Address:

*From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road
San Antonio, TX 78073*

Staple Check In This Space



**Notice of Intent (NOI) for Storm Water
Discharges Associated with Construction
Activity under TPDES General Permit
(TXR150000)**

TCEQ Office Use Only
Permit No.: TXR15
RN:
CN:
Ref No:



Sign up now for ePermits NOI at www6.tceq.state.tx.us/steers
Get Instant Permit Coverage and only pay a \$225 application fee.

If filing a paper NOI you can pay the application fee on line? Go to www.tceq.state.tx.us/epay
Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
If submitting a paper NOI, coverage under the general permit starts seven (7) days after the date postmarked for delivery to TCEQ.

IMPORTANT:

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the attached **CUSTOMER CHECKLIST** to make certain all you filled out all required information.
- Incomplete applications **WILL** delay approval or result in **automatic Denial**.

Renewal of General Permit

Is this NOI to renew an ACTIVE permit?

- Yes - What is your permit number? Permit No. TXR15 _____
 No - a permit number will be issued.

Application Fee if mailing a paper NOI:

You must pay the \$325 Application Fee to TCEQ for the application to be considered complete.
Payment and NOI must be mailed to separate addresses. See instructions for correct mailing addresses.

Provide your payment information below, for us to verify payment of the application fee:

<input type="checkbox"/> Mailed:	Check/Money Order No.:	Company Name on checking account:
<input type="checkbox"/> EPAY:	Voucher No.:	Is the Payment Voucher copy attached? <input type="checkbox"/> Yes

A. OPERATOR (applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity?
CN _____ (Search **Central Registry**)

2. What is the Legal Name of the entity (applicant) applying for this permit?

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)

3. What is the name and title of the person signing the application?

(The person must be an official meeting signatory requirements in TAC 305.43(a).)

Name:	Job Title:
-------	------------

4. What is the Operator's (applicant) mailing address as recognized by the **US Postal Service**? (verify at **USPS.com**)

Address:	Suite No./Bldg. No./Mail Code:	
City:	State:	ZIP Code:
Country Mailing Information (if outside USA):	Country Code:	Postal Code:

5. Phone No.: ()	Extension:
-------------------	------------

6. Fax No.: ()	E-mail Address:
-----------------	-----------------

7. Indicate the type of Customer:

- | | | |
|---|---|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole Proprietorship-D.B.A. | <input type="checkbox"/> Limited Partnership |
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Federal Government | <input type="checkbox"/> General Partnership |
| <input type="checkbox"/> State Government | <input type="checkbox"/> County Government | <input type="checkbox"/> City Government |
| <input type="checkbox"/> Other Government | <input type="checkbox"/> Other (describe): | |

8. Independent Operator: <input type="checkbox"/> Yes <input type="checkbox"/> No (If governmental entity, subsidiary, or part of a larger corporation, check "No".)	
9. Number of Employees: <input type="checkbox"/> 0-20; <input type="checkbox"/> 21-100; <input type="checkbox"/> 101-250; <input type="checkbox"/> 251-500; or <input type="checkbox"/> 501 or higher	
10. Customer Business Tax and Filing Numbers (This item is not applicable to Individuals, Government, GP or Sole Proprietor.) REQUIRED for Corporations and Limited Partnerships (Verify the entity's status and filing no. with TX SOS at 512/463-5555)	
State Franchise Tax ID Number:	Federal Tax ID:
TX SOS Charter (filing) Number:	DUNS Number (if known):
B. APPLICATION CONTACT	
If TCEQ needs additional information regarding this application, who should be contacted?	
1. Name:	Title: Company:
2. Phone No.: ()	Extension:
3. Fax No.:	E-mail Address:
C. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE	
1. TCEQ Issued RE Reference Number (RN): RN (Search <u>Central Registry</u>)	
2. Name of Project or Site (the name as known by the community where this facility/project is located): Medina River Sewer Outfall: Segment 3 (SAWS Job No. 11-2504) (example: phase and name of subdivision or name of project that's unique to the site)	
3. Does the site have a physical address? If Yes, complete Section A for a physical address. If No, complete Section B for site location information.	
Section A: Enter the physical address for the site. (verify it with <u>USPS.com</u> or other delivery source)	
Street Number:	Street Name:
City:	ZIP Code:
Section B: Enter the site location information.	
If no physical address (Street Number & Street Name), provide a written location access description to the site: (Ex.: phase 1 of Woodland subdivision located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South) From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road	
City where the site is located or nearest city to site: San Antonio	ZIP Code where site is located: 78073
4. Identify the county where the site is located: Bexar	
5. Latitude: N 29°15'20.1"	Longitude: W 98°32'59.2"
6. What is the primary business of this entity? In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code) Construction of a sanitary sewer main	
7. What is the mailing address for the regulated entity?	
Is the RE mailing address the same as the Operator? <input type="checkbox"/> Yes, address is the same as Operator <input type="checkbox"/> No, provide the address	
Street Number:	Street Name:
City:	State: ZIP Code:
D. GENERAL CHARACTERISTICS	
1. Is the site located on Indian Country Lands? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – If Yes, do not submit this NOI. Contact EPA, Region VI If the site is on Indian country lands, you must obtain authorization through EPA, Region VI.	
2. What is the Standard Industrial Classification (SIC) code (see instructions for common codes): (Search <u>Osha.gov</u>) Primary: 1623 Secondary: _____	

3(a) What is the total number of acres disturbed? 74

3(b) Is the project site part of a larger common plan of development or sale? Yes No
 If Yes, the total number of acres disturbed can be less than 5 acres.
 If No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.

4. Discharge Information (all information MUST be provided or the permit will be denied)

4(a) What is the name of the water body(s) to receive the storm water runoff or potential runoff from the site?
Medina River

4(b) What is the segment number(s) of the classified water body(s) that the discharge or potential discharge will eventually reach? 1903

4(c) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) list of impaired waters?
 Yes No
 If Yes, provide the name of the impaired water body(s).

4(d) Is the discharge into an MS4? Yes No
 If Yes, what is the name of the MS4 Operator? SAWS
 Note: The general permit requires you to send a copy of the NOI to the MS4 Operator.

4(e) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer?
 Yes No
 If the answer is Yes, please note that a copy of the agency approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) must be included or referenced in the Storm Water Pollution Prevention Plan.

E. CERTIFICATION

Check "Yes" to the certifications below. Failure to certify to all items will result in denial.

<input type="checkbox"/> Yes	I certify that I have obtained a copy and understand the terms and conditions of the <u>general permit (TXR150000)</u> .
<input type="checkbox"/> Yes	I certify that the full legal name of the entity (Operator) applying for this permit has been provided and is legally authorized to do business in Texas.
<input type="checkbox"/> Yes	I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.
<input type="checkbox"/> Yes	I certify that a storm water pollution prevention plan has been developed and implemented prior to construction, and that is compliant with any applicable local sediment and erosion control plans and prepared and implemented as required in the general permit TXR150000.

Operator Certification:

I, _____ Title (Required & legible)
 _____ Typed or printed name (Required & must be legible)

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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature: _____ Date: _____
 (Use blue ink)

Did you complete everything? Use this checklist to be sure!

Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

Customer GP Notice of Intent Checklist TXR150000	
√	This checklist is for use by the operator to ensure a complete application. Missing information may result in denial of coverage under the permit. (See NOI Process description in the Instructions)
<input type="checkbox"/>	Application Fee of \$325.00 was mailed separately to TCEQ's Cashiers's Office (separate from the NOI) or the EPAY payment voucher is attached.
√	OPERATOR INFORMATION - Confirm each item is complete:
<input type="checkbox"/>	Customer Number (CN) issued by TCEQ Central Registry
<input type="checkbox"/>	Legal Name as filed to do business in Texas (Call TX SOS 512/463-5555)
<input type="checkbox"/>	Name and Title of person signing the application. This person must meet signatory requirements in 30 TAC Section 305.43
<input type="checkbox"/>	Operator Mailing Address is complete & verifiable with USPS. www.usps.com
<input type="checkbox"/>	Phone Numbers/E-mail Address
<input type="checkbox"/>	Type of Operator (Entity Type)
<input type="checkbox"/>	Independent Operator
<input type="checkbox"/>	Number of Employees
<input type="checkbox"/>	For Corporations or Limited Partnerships – Tax ID and SOS Filing numbers are REQUIRED
√	Application Contact person we can call for questions about this application.
√	REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE - Confirm each item is complete:
<input type="checkbox"/>	Regulated Entity Reference Number (RN) (if site is already regulated by TCEQ)
<input checked="" type="checkbox"/>	Site/Project Name/Regulated Entity
<input checked="" type="checkbox"/>	Site/Project (RE) Physical Address Please do not use a rural route or post office box for a site location
<input checked="" type="checkbox"/>	Or if no physical address, the location information that includes description, zip code and city is listed.
<input checked="" type="checkbox"/>	Latitude and Longitude TCEQ USGS Topographic Map Viewer or TerraServer-USA
<input checked="" type="checkbox"/>	Business description
<input type="checkbox"/>	Site Mailing Address (checked same as operator or complete & verifiable with USPS. www.usps.com)
√	GENERAL CHARACTERISTICS - Confirm each item is complete:
<input checked="" type="checkbox"/>	Indian Country Lands –the facility is not on Indian Country Lands
<input checked="" type="checkbox"/>	Standard Industrial Classification (SIC) code www.osha.gov/oshstats/sicser.html
<input checked="" type="checkbox"/>	Acres Disturbed is provided and qualifies for coverage through a NOI.
<input checked="" type="checkbox"/>	Common plan of development or for sale?
<input checked="" type="checkbox"/>	Discharge Information:
<input checked="" type="checkbox"/>	receiving water body
<input checked="" type="checkbox"/>	segment number(s) is REQUIRED
<input checked="" type="checkbox"/>	water body on the latest EPA-Approved Clean Water Act 303(d) list of impaired waters
<input checked="" type="checkbox"/>	MS4 Operator
<input checked="" type="checkbox"/>	Edwards Aquifer Rule
<input type="checkbox"/>	CERTIFICATION Certification statements have been checked indicating “Yes” Signature meets 30 Texas Administrative Code (TAC) §305.44 and is original and has been provided for the Operator.

**Texas Commission on Environmental Quality
General Permit Payment Submittal Form
\$325 for a paper Construction NOI Application Fee**

Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below:
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

Mail this form and your check to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, TX 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, TX 78753

Fee Code: **GPA** General Permit: TXR150000

1. Check / Money Order No:

2. Amount of Check/Money Order:

3. Date of Check or Money Order:

4. Name on Check or Money Order:

5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. **DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.**

See Attached List of Sites (If more space is needed, you may attach a list.)

Project/Site (RE) Name:

Medina River Sewer Outfall: Segment 3 (SAWS Job No. 11-2504)

Project/Site (RE) Physical Address:

*From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road
San Antonio, Texas 78073*

Staple Check In This Space

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

General Information and Instructions

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI) and other related forms:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Storm Water Processing Center (MC228)
P.O. Box 13087
Austin, TX 78711-3087

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Storm Water Processing Center (MC228)
12100 Park 35 Circle
Austin, TX 78753

TCEQ Contact list:

Application Processing Questions relating to the status and form requirements:	512/239-3700, 512/245-0130 or swpermit@tceq.state.tx.us
Technical Questions relating to the general permit:	512/239-4671 or swgp@tceq.state.tx.us
Environmental Law Division:	512/239-0600
Records Management for obtaining copies of forms submitted to TCEQ:	512/239-0900
Information Services for obtaining reports from program data bases (as available):	512/239-DATA (3282)
Financial Administration's Cashier's office:	512/239-0357 or 512/239-0187

Notice of Intent Process:

When your NOI is received by the program, the form will be processed as follows:

1. **Administrative Review:** Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(s) on the form must be verified with the US Postal service as an address receiving regular mail delivery. Never give an overnight/express mailing address.

2. **Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.

3. **Acknowledgment of Coverage:** An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit.

-or-

Denial of Coverage: If the application is too incomplete to process, or the operator fails to respond to the NOD or the response is inadequate, coverage under the general permit may be denied. If coverage is denied, the operator will be notified.

General Permit (Your Permit)

If filing the NOI through ePermits online application, coverage under the general permit begins the day the NOI is submitted to TCEQ through epermits. **Sign up now for on line NOI at <https://www6.tceq.state.tx.us/steers/>**

If mailing a paper NOI, coverage under the general permit begins **seven (7) days after a completed NOI is postmarked for delivery** to the TCEQ. You should have a copy of your general permit when submitting your application.

You may view and print your permit for which you are seeking coverage, on the TCEQ web site http://www.tceq.state.tx.us/permitting/water_quality/stormwater/TXR15_AIR.html.

General Permit Forms

The Notice of Intent (NOI), Notice of Termination (NOT), and Notice of Change (NOC) #20391 with instructions are available in Adobe Acrobat PDF format on the TCEQ web site http://www.tceq.state.tx.us/permitting/water_quality/stormwater/TXR15_AIR.html.

Sign up now for on line Notice of Termination application at <https://www6.tceq.state.tx.us/steers/>

Change in Operator

An authorization under the general permit is not transferable. If the operator or owner of the regulated entity changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted not later than 10 days prior to the change in Operator status.

TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. **Do not send a core data form to TCEQ.**

After final acknowledgment of coverage under the general permit, the program will assign a Customer Number (CN) and Regulated Entity Number (RN). For Construction Permits, a new RN will be assigned for each Notice of Intent filed with TCEQ, since construction project sites can overlap with other Customers. The RN assigned to your construction project will not be assigned to any other TCEQ authorization.

You can find the information on the Central Registry web site at www4.tceq.state.tx.us/crpub. You can search by the Regulated Entity (RN), Customer Number (CN) or Name (Permittee), or by your permit number under the search field labeled "Additional ID". Capitalize all letters in the permit number.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For General Permits, a Notice of Change form must be submitted to the program area.

Application Fees:

\$225.00 application fee if submitting the NOI through ePermits.

\$325.00 application fee if submitting a paper NOI for processing.

The application fee is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit.

• Mailed Payments:

DO NOT mail your check with the original Notice of Intent application.

Use the attached Application Fee payment submittal form is mailing the payment. Do not include a copy of the NOI.

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, TX 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, TX 78753

• ePAY Electronic Payment:

Go to www.tceq.state.tx.us/epay

Select Water Quality, then select the fee category "GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION".

You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment voucher.

The Annual Water Quality Fee has been consolidated into the Application Fee effective March 5, 2008. An annual fee will not be assessed and billed to operators on 9/1/2008. This does not relieve the operator of fees due for prior fiscal year assessments.

The operator will continue to receive an invoice for payment of any past due annual fee. A 5% penalty will be assessed if the payment is received by TCEQ after the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit was active on September 1 of the FY billed.

Texas Administrative Code

TITLE 30

ENVIRONMENTAL QUALITY

PART 1

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CHAPTER 305

CONSOLIDATED PERMITS

SUBCHAPTER C

APPLICATION FOR PERMIT OR POST-CLOSURE ORDER

RULE §305.44

Signatories to Applications

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

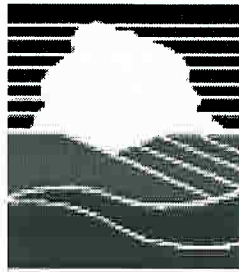
(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

(b) A person signing an application shall make the following certification: "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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(c) For a hazardous solid waste permit or a post-closure order, the application must be signed by the owner and operator of the facility.

(d) For radioactive material license applications under Chapter 336 of this title (relating to Radioactive Substance Rules), the applicant or person duly authorized to act for and on the applicant's behalf must sign the application.

Source Note: The provisions of this §305.44 adopted to be effective June 19, 1986, 11 TexReg 2591; amended to be effective July 14, 1987, 12 TexReg 2102; amended to be effective October 8, 1990, 15 TexReg 5492; amended to be effective June 5, 1997, 22 TexReg 4583; amended to be effective January 30, 2003, 28 TexReg 705



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program
TPDES GENERAL PERMIT TXR150000
“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.E.2. of the general permit. This notice shall be posted along with a copy of the signed Notice of Intent (NOI), as applicable. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/sw_permits.html

Site-Specific TPDES Authorization Number:	
Operator Name:	San Antonio Water System
Contact Name and Phone Number:	Patrick O'Connor (210) 233-3020
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	From approximately 260 ft west of Applewhite Road to approximately 240 ft west of Somerset Road Start Date: 01/17/12 Finish Date: 07/15/13
Location of Storm Water Pollution Prevention Plan:	

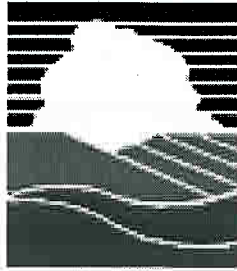


LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program
TPDES GENERAL PERMIT TXR150000
“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.E.2. of the general permit. This notice shall be posted along with a copy of the signed Notice of Intent (NOI), as applicable. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/sw_permits.html

Site-Specific TPDES Authorization Number:	
Operator Name:	
Contact Name and Phone Number:	
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	From approximately 260 ft west of Applewhite Road to approximately 240 ft west of Somerset Road Start Date: 01/17/12 Finish Date: 07/15/13
Location of Storm Water Pollution Prevention Plan:	



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program
TPDES GENERAL PERMIT TXR150000
“SECONDARY OPERATOR” NOTICE

This notice applies to secondary operators of construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.E.2. of the general permit. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/sw_permits.html

Site-Specific TPDES Authorization Number:	
Operator Name:	
Contact Name and Phone Number:	
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	
Location of Storm Water Pollution Prevention Plan (SWP3):	

For Large Construction Activities Authorized Under Part II.E.3. (Obtaining Authorization to Discharge) the following certification must be completed:

I _____ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title _____ Date _____

Date Notice Removed
MS4 operator notified per Part II.F.3.

**STORMWATER QUALITY
SITE DEVELOPMENT
PERMIT APPLICATION
(Bexar County)**



BEXAR COUNTY
INFRASTRUCTURE SERVICES DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION
 233 N. Pecos - La Trinidad, Suite 420
 San Antonio, TX 78207
 (210)335-6700 (voice)
 (210)335-6713 (fax)

SITE DEVELOPMENT PERMIT APPLICATION
STORM WATER QUALITY

Project Name: Medina River Sewer Outfall:
 Segment 3 SAWS Job #11 2504
 Date of Application: 8/15/11
 Job Location: From approx. 260 ft west of
 Applewhite Road to approx., 240 ft. west
 of Somerset Road.
 Property Owner/Developer: SAWS
 Address: 2800 U.S. Highway 281 North
 San Antonio, TX 78212
 Phone: (210) 233-3020
 Fax: (210) 233-5468
 TCEQ Notice of Intent (NOI) Number:

Contact Name:
 Contact Phone:
 Contact Email:
 Anticipated Work Start Date: 01/17/12
 Anticipated Work Start Date: 07/15/13
 Parcel Number:
 Lot:
 Block:
 Subdivision:

Work Description:
 Construction of 1-66" sewer outfall including clearing, grubbing, trenching,
 tunneling or boring, sewer outfall installation, trench backfilling and project
 stabilization.

- Submittal Requirements:**
- Commercial or Development over 5 Acres of Disturbance: Two (2) sets of Storm Water Management Plan (see example)
 - Residential or Development under 5 Acres of Disturbance: Two (2) sets of 11"x17" plans w/ narrative (must include SW3P w/ details, Drainage, and Grading) (see example)
 - Dewatering Plan (if applicable)
 - Site Development Permit Fee (\$500)

- Project Type:**
- Single Family/Duplex/Townhouse
 - Manufactured Home
 - Multi-Family
 - Remodel or Addition
 - Commercial
 - Subdivision
 - Demolition
 - Other (please explain below)

- Project Details:**
- N/A Number of Units (ex. 1,2, etc.)
 - N/A Number of Lots (ex. 1,2,etc.)
 - 74 +/- Acreage of Development (ex. 5 ac)
 - 0.0 Acreage of Green Spaces (ex. 1 ac)
 - 74 +/- Acreage of Total Disturbance (ex. 3 ac)
 - N Tree Survey Completed (yes or no)
 - N ESA Survey Completed (yes or no)

To remit site development fee, please make checks payable to:

BEXAR COUNTY
 INFRASTRUCTURE SERVICES DEPARTMENT
 ENVIRONMENTAL SERVICES DIVISION
 STORM WATER QUALITY
 233 N. Pecos - La Trinidad, Suite 420
 San Antonio, TX 78207

ADMINISTRATIVE USE ONLY:

Site Development Permit Number:
 Reviewed By:
 Approval:
 Accepted
 Denied
 Application Date:

NOTICE:

It is the obligation of the Owner to ensure that erosion control measures SHALL be in place prior to commencement of grading, or stockpiling, and shall be maintained throughout construction as per plan. The Owner expressly grants the County a right of entry during construction to enter the site described in this application, to inspect the property, and provide direction for necessary sediment/erosion control if the permittee fails to do so. Failure to properly install sediment/erosion control will result in re-inspection and/or further penalties from County to include a \$1,000 fine or lien.

The Permittee shall:

1. Comply with Court Order on Bexar County regulations for storm water pollution prevention.
2. Install erosion and sediment control BMPs prior to beginning work on a site.
3. Notify Bexar County Stormwater Quality Program at least three (3) working days before:
 - a. Start of construction.
 - b. Completion of site clearing.
 - c. Completion of final grading.
 - d. Temporary stabilization occurs, and
 - e. Completion of final landscaping.
4. Implement the approved plans throughout the site development.
5. If BMPs need maintenance, repair, or replace; then perform task as soon as possible, but no later than ten (10) calendar days.
6. Install additional measures at the direction of the County due to changed site conditions, BMP ineffectiveness, or BMP failure.
7. After fourteen (14) days of cease of construction operations, temporary stabilization needs to be in place.
8. After twenty-one (21) days of cease of construction operations, final stabilization needs to be in place.
9. Revise the Stormwater Management Plan and site map when changes are made on-site.
10. Terminate the Site Development Permit when the site reaches permanent stabilization.
11. Remove temporary BMPs prior to the the Site Development Permit being terminated.

This permit is issued to the permittee for a specific operation and location. It cannot be reassigned, transferred, or sold to a new user, different premises or a new or changed operation by a new owner unless the new owner or designee obtains a separate Site Development Permit. Failure to obtain an approved Site Development Permit prior to beginning any construction activity or land clearing can result in a fine of up to \$1,000 per calendar day until a permit is issued.

"I certify under penalty of law that I understand the terms and conditions of the Texas Pollutant Discharge Elimination System (TPDES) General Permit for Stormwater Discharges for Construction Activities that authorizes the stormwater discharges associated to activities from the construction site identified as part of this certification. Further, by my signature, I understand that I am fully responsible, along with all other contractors and subcontractors who are performing work activities under this contract to comply with all provisions and requirements of the TPDES General Permit for Stormwater Discharges from Construction Activities and this Site Development Permit Application for Storm Water Quality."

Authorized Agent (Print Name):

Signature:

Title:

Date:

Texas Administrative Code

TITLE 30

ENVIRONMENTAL QUALITY

PART 1

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CHAPTER 305

CONSOLIDATED PERMITS

SUBCHAPTER C

APPLICATION FOR PERMIT OR POST-CLOSURE ORDER

RULE §305.44

Signatories to Applications

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

(b) A person signing an application shall make the following certification: "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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(c) For a hazardous solid waste permit or a post-closure order, the application must be signed by the owner and operator of the facility.

(d) For radioactive material license applications under Chapter 336 of this title (relating to Radioactive Substance Rules), the applicant or person duly authorized to act for and on the applicant's behalf must sign the application.

Source Note: The provisions of this §305.44 adopted to be effective June 19, 1986, 11 TexReg 2591; amended to be effective July 14, 1987, 12 TexReg 2102; amended to be effective October 8, 1990, 15 TexReg 5492; amended to be effective June 5, 1997, 22 TexReg 4583; amended to be effective January 30, 2003, 28 TexReg 705

INSPECTION RECORD

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

SWP3 INSPECTION FORM

Project Name: _____ **Permit No.:** _____

Address/Location: _____

Operator: _____ **Inspector:** _____

Date: _____

Administrative/Reporting	Compliant			Corrective Action No.
	Yes	No	N/A	
Is the SWP3 available on site?				
Has a copy of the NOI/NOC/CSN been submitted?				
Does the SWP3 reference other site operators?				
Does the SWP3 clearly identify each plan-sharer's responsibilities including common areas?				
Is the permit number listed for large construction sites in a shared SWP3?				
Does the SWP3 contain a copy of the Permit language?				
Are inspections being conducted?				
Do the inspection reports meet signatory requirements?				
Is the SWP3 modified based on project changes or inspection reports?				
Has the site map been updated to indicate the current location of all BMPs?				
Does the plan include a record of dates when major grading activities occur?				
Does the plan include a record of dates when construction is temporarily halted?				
Does the plan include a record of dates when stabilization measures are initiated?				
Does the plan include construction materials stored on site?				
Does the plan include waste materials stored on site?				

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

Site Evaluation	Compliant			Corrective Action No.
	Yes	No	N/A	
Are the required TPDES notifications properly posted (NOI/CSN)?				
Are the areas outside the construction limits free of sediment?				
Are the areas outside of the construction limits free of waste materials / debris / litter?				
Are the adjacent streets free of off-site sediment?				
Are interior streets free of sediment?				
Are the storm drains free of sediment?				
Are outfalls or discharge points properly controlled with BMPs?				
Are the construction entrance/exit BMPs installed and functioning properly?				
Are equipment storage areas in use with appropriate BMPs?				
Is there evidence of stained soil from vehicular equipment?				
Are material storage areas in use with appropriate BMPs?				
Are fuels, lubricants, chemicals, etc. properly stored?				
Is waste collected and properly contained?				
Are disturbed soils areas properly controlled with appropriate BMPs?				
Is dust being controlled?				
Are disturbed areas appropriately stabilized?				
Are concrete truck washout pits constructed and utilized properly?				
Are portable toilets maintained properly?				
Are BMPs in use?				
Are BMPs being maintained?				
Are BMPs adequate?				
Are vegetated buffer strips functioning properly?				
Are temporary sediment control ponds in place?				
Is sediment level in ponds in compliance?				
Are drainage channels functioning property?				
Are rock berms installed and functioning properly?				
Are silt fences installed and functioning properly?				
Is inlet protection installed and functioning properly?				
Are erosion blankets installed and functioning properly?				

MEDINA RIVER SEWER OUTFALL: SEGMENT 3 (SAWS JOB #11-2504)
Storm Water Pollution Prevention Plan

Site Evaluation - continued	Compliant			Corrective Action No.
	Yes	No	N/A	
Are straw wattles installed and functioning properly?				
Is mulch installed and functioning properly?				
Are cutback curbs being utilized and functioning properly?				
Are other BMPs installed and functioning properly?				
Has sod or hydroseeding been installed properly?				
Is permanent or temporary vegetation established?				

_____ A brief statement describing the qualifications of the inspector is included in this SWP3.

"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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

"I further certify I am an authorized signatory in accordance with the provisions of 30 TAC §305.128."

 Inspector's Name

 Inspector's Signature

 Date

Date

Mark R. Vickery, P.G.
Texas Commission on Environmental Quality
12100 Park 35 Circle, MC 109
Austin, Texas 78753

Project Name: Medina River Sewer Outfall: Segment 3 SAWS Job #11-2504
TPDES Storm Water General Permit _____
Delegating an "Authorized Representative"

Dear Director:

This letter serves to designate either a person(s) or specifically described position(s) as an authorized person(s) for signing reports, storm water pollution prevention plans, certifications or other information requested by the Executive Director or required by the permit. This authorization cannot be used for signing a TPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 30 TAC §305.44. The following person(s) or position(s) is hereby authorized to sign reports, plans or certifications other than NOI forms, NOT forms, NOC letters, and Construction Site Notices.

(Name or Position)

(Name or Position)

(Name or Position)

(Name or Position)

By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in 30 TAC §305.44 as follows:

- For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures

exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

- For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.
- For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

"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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name

Title

Date

Texas Administrative Code

TITLE 30	ENVIRONMENTAL QUALITY
PART 1	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHAPTER 305	CONSOLIDATED PERMITS
SUBCHAPTER F	PERMIT CHARACTERISTICS AND CONDITIONS
RULE §305.128	Signatories to Reports

(a) All reports requested by permits and other information requested by the executive director shall be signed by a person described in §305.44(a) of this title (relating to Signatories to Applications) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (1) the authorization is made in writing by a person described in §305.44(a) of this title (relating to Signatories to Applications);
 - (2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity or for environmental matters for the applicant, such as the position of plant manager, operator of a well or well field, environmental manager, or a position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
 - (3) the written authorization is submitted to the executive director.
- (b) If an authorization under this section is no longer accurate because of a change in individuals or position, a new authorization satisfying the requirements of this section must be submitted to the executive director prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (c) Any person signing a report required by a permit shall make the certification set forth in §305.44(b) of this title (relating to Signatories to Applications).

Source Note: The provisions of this §305.128 adopted to be effective June 19, 1986, 11 TexReg 2597; amended to be effective July 14, 1987, 12 TexReg 2102; amended to be effective October 8, 1990, 15 TexReg 5492.

INSPECTOR'S QUALIFICATIONS

PLAN MODIFICATIONS

NOTICE OF TERMINATION



**Notice of Termination (NOT)
for Authorizations under
TPDES General Permit TXR150000**

TCEQ Office Use Only
Permit No.:
RN:
CN:



Sign up now for on line NOT at <http://www.tceq.state.tx.us/permitting/steers/steers.html>
Get your NOT Confirmation letter immediately after submitting the on line NOT form.

What is the permit number to be terminated?

Processing will be delayed without the permit number. TXR15 _____

A. OPERATOR (applicant)

1. What is the Customer Number (CN) issued to this entity? CN 600529069

2. What is the full Legal Name of the current permittee?

San Antonio Water System

This must be the current permittee of the permit to be terminated.

3. What is the applicant's mailing address as recognized by the US Postal Service?

Address: 2800 U.S. Highway 281 North Suite No./Bldg. No./Mail Code:

City: San Antonio State: Texas ZIP Code: 78212

Country Mailing Information (if outside USA). Country Code: Postal Code:

4. Phone No.: (210) 233-3020 Extension:

5. Fax No.: (210) 233-5468 E-mail Address: poconnor@saws.org

B. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

1. What is the TCEQ Issued RE Reference Number (RN)? RN _____

2. Name of Project or Site as currently permitted):
Medina River Sewer Outfall: Segment 3 (SAWS Job #11-2504)

(example: phase and name of subdivision or name of project that's unique to the site)

3. Physical Address of Project or Site as currently permitted: (enter in spaces below)

Street Number: Street Name:

City: ZIP Code: County (Counties if >1):

4. If no physical address (Street Number & Street Name), provide the written location access description to the site:
From approximately 260 feet west of Applewhite Road to approximately 240 feet west of Somerset Road

C. REASON FOR TERMINATION

Check the reason for termination:

- Final stabilization has been achieved on all portions of the site that are the responsibility of the Operator and all silt fences and other temporary erosion controls have either been removed, or scheduled for removal as defined in the SWP3.
- Another permitted Operator has assumed control over all areas of the site that have not been finally stabilized, and temporary erosion controls that have been defined in the SWP3 have been transferred to the new Operator.
- The activity is now authorized under an alternate TPDES permit.
- The activity never began at this site that is regulated under the general permit.

D. CERTIFICATION

I, _____ Title _____
Typed or printed name

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 gather and evaluate 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 am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature: _____ Date: _____
(Use blue ink)

**Notice of Termination (NOT) for Authorizations under
TPDES General Permit TXR150000
General Information and Instructions**

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI):

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality

Storm Water Processing Center (MC228)

P.O. Box 13087

Austin, TX 78711-3087

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality

Storm Water Processing Center (MC228)

12100 Park 35 Circle

Austin, TX 78753

TCEQ Contact list:

Application Processing Questions relating to the status and form requirements:

512/239-4671

Technical Questions relating to the general permit:

512/239-4671

Environmental Law Division:

512/239-0600

Records Management for obtaining copies of forms submitted to TCEQ:

512/239-0900

Information Services for obtaining reports from program data bases (as available):

512/239-DATA (3282)

Financial Administration's Cashier's office:

512/239-0357 or 512/239-0187

Notice of Termination Process:

A Notice of Termination is **effective on the date postmarked for delivery to TCEQ.**

When your NOT is received by the program, the form will be processed as follows:

1. **Administrative Review:** The form will be reviewed to confirm the following:

- the permit number is provided
- the permit is active and has been approved
- the entity terminating the permit is the current permittee
- the site information matches the original permit record
- the form has the required original signature with title and date

2. **Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a phone call will be made to the applicant to clear the deficiency. A letter will not be sent to the permittee if unable to process the form.

3. **Confirmation of Termination:** A Notice of Termination Confirmation letter will be mailed to the operator.

General Permit (Your Permit)

Coverage under the general permit begins **48 hours after a completed NOI is postmarked for delivery to the TCEQ.** You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, on the TCEQ web site www.tceq.state.tx.us

General Permit Forms

The Notice of Intent (NOI), Notice of Termination (NOT), and Notice of Change (NOC) with instructions are available in Adobe Acrobat PDF format on the TCEQ web site www.tceq.state.tx.us.

Change in Operator

An authorization under the general permit is not transferable. If the operator or owner of the regulated entity changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted not later than 10 days prior to the change in Operator status.

TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. **Do not send a core data form to TCEQ.**

After final acknowledgment of coverage under the general permit, the program will assign a Customer Number (CN) and Regulated Entity Number (RN). For Construction Permits, a new RN will be assigned for each Notice of Intent filed with TCEQ, since construction project sites can overlap with other Customers. The RN assigned to your construction project will not be assigned to any other TCEQ authorization.

You can find the information on the Central Registry web site at <https://www6.tceq.state.tx.us/epay/>. You can search by the Regulated Entity (RN), Customer Number (CN) or Name (Permittee), or by your permit number under the search field labeled "Additional ID" Capitalize all letters in the permit number.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For General Permits, a Notice of Change form must be submitted to the program area.

Annual Water Quality Fee: This fee is assessed to operators with an active authorization under the general permit on September 1 of each year. The operator will receive an invoice for payment of the annual fee in November of each year. The payment will be due 30 days from the invoice date. A 5% penalty will be assessed if the payment is received by TCEQ after the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit is active on September 1.

It's important for the operator to submit a **Notice of Termination (NOT)** when coverage under the general permit is no longer required. A NOT is effective on the postmarked date of mailing the form to TCEQ. It is recommended that the NOT be mailed using a method that documents the date mailed and received by TCEQ.

• **Mailed Payments:**

You must return your payment with the billing coupon provided with the billing statement.

• **ePAY Electronic Payment:**

Go to <https://www6.tceq.state.tx.us/epay/>

You must enter your account number provided at the top portion of your billing statement. Payment methods include Mastercard, Visa, and electronic check payment (ACH). A transaction over \$500 can only be made by ACH.

INSTRUCTIONS FOR FILLING OUT THE NOT FORM

A. OPERATOR (current permittee.)

1. TCEQ Issued Customer Number (CN)

2. Legal Name of Operator

The operator must be the same entity as previously submitted on the original Notice of Intent for the permit number provided.

3. Operator Mailing Address

Provide a complete mailing address for receiving mail from the TCEQ. Update the address if different than previously submitted in the Notice of Intent or Notice of Change.

4. Phone Number, Fax Number, and E-mail Address

Provide updated contact information.

B. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

1. Regulated Entity Reference Number (RN)

2. Site/Project Name/Regulated Entity

Provide the name of the site as previously submitted in the Notice of Intent for the permit number provided.

3. Site/Project (RE) Physical Address

Provide the physical address or location access description as previously submitted for the permit number provided.

C. REASON FOR TERMINATION

Indicate the reason for terminating the permit by checking one of the options. If the reason is not listed then provide an attachment that explains the reason for termination.

Please read your general permit carefully to determine when to terminate your permit. Permits will not be reactivated after submitting a termination form. The termination is effective on the date postmarked for delivery to TCEQ.

D. CERTIFICATIONS

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code (TAC) §305.44.

IF YOU ARE A CORPORATION:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(1) (see below). According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(3) (see below). According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statute(s) under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to

§305.44(a)(3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the Texas Commission on Environmental Quality's Environmental Law Division at 512/239-0600.

30 Texas Administrative Code

§305.44. Signatories to Applications.

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

MARCH 5, 2008
TPDES GENERAL PERMIT
TXR150000



TCEQ Docket No. 2007-1588-WQ
TPDES General Permit No. TXR150000

**TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY**
P.O. BOX 13087
Austin, TX 78711-3087

This is a renewal of TPDES
General Permit No. TXR150000,
issued March 5, 2003.

GENERAL PERMIT TO DISCHARGE WASTES

under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

Construction sites that discharge storm water associated with construction activity

located in the state of Texas

may discharge to surface water in the state

only according to effluent limitations, monitoring requirements and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this general permit does not grant to the permittee the right to use private or public property for conveyance of storm water and certain non-storm water discharges along the discharge route. This includes property belonging to but not limited to any individual, partnership, corporation or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit and the authorization contained herein shall expire at midnight on March 5, 2013.

EFFECTIVE DATE: March 5, 2008

ISSUED DATE: **FEB 15 2008**

Buddy Corcix

For the Commission

TPDES GENERAL PERMIT NUMBER TXR150000 RELATING TO STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES

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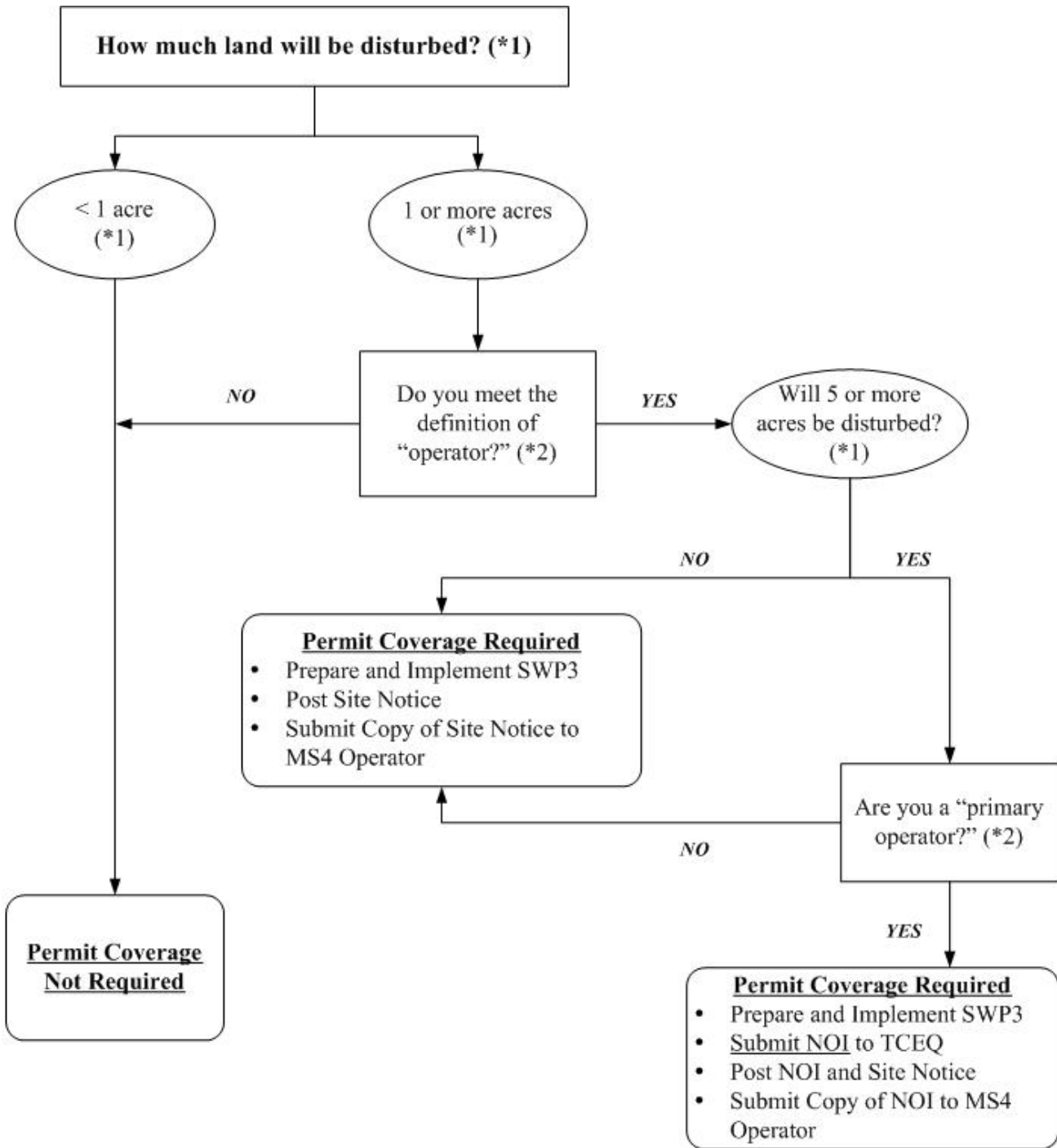
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Part I. Flow Chart and Definitions

Section A. Flow Chart to Determine Whether Coverage is Required



(*1) To determine the size of the construction project, use the size of the entire area to be disturbed, and include the size of the larger common plan of development or sale, if the project is part of a larger project (refer to Part I.B., "Definitions," for an explanation of "larger common plan of development or sale").

(*2) Refer to the definitions for "operator," "primary operator," and "secondary operator" in Part I., Section B. of this permit.

Section B. Definitions

Arid Areas - Areas with an average annual rainfall of 0 to 10 inches.

Best Management Practices (BMPs) - Schedules of activities, prohibitions of practices, maintenance procedures, structural controls, local ordinances, and other management practices to prevent or reduce the discharge of pollutants. BMPs also include treatment requirements, operating procedures, and practices to control construction site runoff, spills or leaks, waste disposal, or drainage from raw material storage areas.

Commencement of Construction - The initial disturbance of soils associated with clearing, grading, or excavation activities, as well as other construction-related activities (e.g., stockpiling of fill material, demolition)

Common Plan of Development - A construction activity that is completed in separate stages, separate phases, or in combination with other construction activities. A common plan of development (also known as a “common plan of development or sale”) is identified by the documentation for the construction project that identifies the scope of the project, and may include plats, blueprints, marketing plans, contracts, building permits, a public notice or hearing, zoning requests, or other similar documentation and activities. A common plan of development does not necessarily include all construction projects within the jurisdiction of a public entity (e.g., a city or university). Construction of roads or buildings in different parts of the jurisdiction would be considered separate “common plans,” with only the interconnected parts of a project being considered part of a “common plan” (e.g., a building and its associated parking lot and driveways, airport runway and associated taxiways, a building complex, etc.). Where discrete construction projects occur within a larger common plan of development or sale but are located ¼ mile or more apart, and the area between the projects is not being disturbed, each individual project can be treated as a separate plan of development or sale, provided that any interconnecting road, pipeline or utility project that is part of the same “common plan” is not included in the area to be disturbed.

Discharge – For the purposes of this permit, the drainage, release, or disposal of pollutants in storm water and certain non-storm water from areas where soil disturbing activities (e.g., clearing, grading, excavation, stockpiling of fill material, and demolition), construction materials or equipment storage or maintenance (e.g., fill piles, borrow area, concrete truck washout, fueling), or other industrial storm water directly related to the construction process (e.g., concrete or asphalt batch plants) are located.

Edwards Aquifer - As defined under Texas Administrative Code § 213.3 of this title (relating to the Edwards Aquifer), that portion of an arcuate belt of porous, water-bearing, predominantly carbonate rocks known as the Edwards and Associated Limestones in the Balcones Fault Zone trending from west to east to northeast in Kinney, Uvalde, Medina, Bexar, Comal, Hays, Travis, and Williamson Counties; and composed of the Salmon Peak Limestone, McKnight Formation, West Nueces Formation, Devil’s River Limestone, Person Formation, Kainer Formation, Edwards Formation, and Georgetown Formation. The permeable aquifer units generally overlie the less-permeable Glen Rose Formation to the south, overlie the less-permeable Comanche Peak and Walnut Formations north of the Colorado River, and underlie the less-permeable Del Rio Clay regionally.

Edwards Aquifer Recharge Zone - Generally, that area where the stratigraphic units constituting the Edwards Aquifer crop out, including the outcrops of other geologic formations in proximity to the Edwards Aquifer, where caves, sinkholes, faults, fractures, or other permeable features would create a potential for recharge of surface waters into the Edwards Aquifer. The recharge zone is identified as that area designated as such on official maps located in the offices of the Texas Commission on Environmental Quality and the

appropriate regional office. The Edwards Aquifer Map Viewer, located at http://www.tceq.state.tx.us/compliance/field_ops/eapp/mapdisclaimer.html, can be used to determine where the recharge zone is located.

Edwards Aquifer Contributing Zone - The area or watershed where runoff from precipitation flows downgradient to the recharge zone of the Edwards Aquifer. The contributing zone is located upstream (upgradient) and generally north and northwest of the recharge zone for the following counties: all areas within Kinney County, except the area within the watershed draining to Segment 2304 of the Rio Grande Basin; all areas within Uvalde, Medina, Bexar, and Comal Counties; all areas within Hays and Travis Counties, except the area within the watersheds draining to the Colorado River above a point 1.3 miles upstream from Tom Miller Dam, Lake Austin at the confluence of Barrow Brook Cove, Segment 1403 of the Colorado River Basin; and all areas within Williamson County, except the area within the watersheds draining to the Lampasas River above the dam at Stillhouse Hollow reservoir, Segment 1216 of the Brazos River Basin. The contributing zone is illustrated on the Edwards Aquifer map viewer at http://www.tceq.state.tx.us/compliance/field_ops/eapp/mapdisclaimer.html.

Facility or Activity – For the purpose of this permit, a construction site or construction support activity that is regulated under this general permit, including all contiguous land and fixtures (e.g., ponds and materials stockpiles), structures, or appurtenances used at a construction site or industrial site described by this general permit.

Final Stabilization - A construction site status where any of the following conditions are met:

- (a) All soil disturbing activities at the site have been completed and a uniform (i.e., evenly distributed, without large bare areas) perennial vegetative cover with a density of at least 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.
- (b) For individual lots in a residential construction site by either:
 - (1) the homebuilder completing final stabilization as specified in condition (a) above; or
 - (2) the homebuilder establishing temporary stabilization for an individual lot prior to the time of transfer of the ownership of the home to the buyer and after informing the homeowner of the need for, and benefits of, final stabilization. If temporary stabilization is not feasible, then the homebuilder may fulfill this requirement by retaining perimeter controls or other best management practices, and informing the homeowner of the need for removal of temporary controls and the establishment of final stabilization.
- (c) For construction activities on land used for agricultural purposes (e.g. pipelines across crop or range land), final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to surface water and areas that are not being returned to their preconstruction agricultural use must meet the final stabilization conditions of condition (a) above.

- (d) In arid, semi-arid, and drought-stricken areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:
- (1) Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by the operator, and
 - (2) The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.

Hyperchlorination of Waterlines – Treatment of potable water lines or tanks with chlorine for disinfection purposes, typically following repair or partial replacement of the waterline or tank, and subsequently flushing the contents.

Indian Country Land – (from 40 CFR 122.2) (1) all land within the limits of any Indian reservation under the jurisdiction of the United States government, notwithstanding the issuance of any patent, and, including rights-of-way running through the reservation; (2) all dependent Indian communities with the borders of the United States whether within the originally or subsequently acquired territory thereof, and whether within or without the limits of a state; and (3) all Indian allotments, the Indian titles to which have not been extinguished, including rights-of-way running through the same.

Indian Tribe - (from 40 CFR 122.2) any Indian Tribe, band, group, or community recognized by the Secretary of the Interior and exercising governmental authority over a Federal Indian Reservation.

Large Construction Activity - Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than five (5) acres of land. Large construction activity also includes the disturbance of less than five (5) acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than five (5) acres of land. Large construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site (e.g., the routine grading of existing dirt roads, asphalt overlays of existing roads, the routine clearing of existing right-of-ways, and similar maintenance activities.)

Municipal Separate Storm Sewer System (MS4) - A separate storm sewer system owned or operated by the United States, a state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over the disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under state law such as a sewer district, flood control or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, that discharges to surface water in the state.

Notice of Change (NOC) – Written notification to the executive director from a discharger authorized under this permit, providing changes to information that was previously provided to the agency in a notice of intent form.

Notice of Intent (NOI) - A written submission to the executive director from an applicant requesting coverage under this general permit.

Notice of Termination (NOT) - A written submission to the executive director from a discharger authorized under a general permit requesting termination of coverage.

Operator - The person or persons associated with a large or small construction activity that is either a primary or secondary operator as defined below:

Primary Operator – the person or persons associated with a large or small construction activity that meets either of the following two criteria:

- (a) the person or persons have operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or
- (b) the person or persons have day-to-day operational control of those activities at a construction site that are necessary to ensure compliance with a storm water pollution prevention plan (SWP3) for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWP3 or comply with other permit conditions).

Secondary Operator – The person whose operational control is limited to the employment of other operators or to the ability to approve or disapprove changes to plans and specifications. A secondary operator is also defined as a primary operator and must comply with the permit requirements for primary operators if there are no other operators at the construction site.

Outfall - For the purpose of this permit, a point source at the point where storm water runoff associated with construction activity discharges to surface water in the state and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels, or other conveyances that connect segments of the same stream or other water of the U.S. and are used to convey waters of the U.S.

Permittee - An operator authorized under this general permit. The authorization may be gained through submission of a notice of intent, by waiver, or by meeting the requirements for automatic coverage to discharge storm water runoff and certain non-storm water discharges.

Point Source – (from 40 CFR §122.2) Any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are, or may be, discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

Pollutant - Dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, filter backwash, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into any surface water in the state. The term "pollutant" does not include tail water or runoff water from irrigation or rainwater runoff from cultivated or uncultivated rangeland, pastureland, and farmland. For the purpose of this permit, the term "pollutant" includes sediment.

Pollution - (from Texas Water Code §26.001(14)) The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any surface water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property or to public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

Rainfall Erosivity Factor (R factor) - the total annual erosive potential that is due to climatic effects, and is part of the Revised Universal Soil Loss Equation (RUSLE).

Semiarid Areas - areas with an average annual rainfall of 10 to 20 inches

Separate Storm Sewer System - A conveyance or system of conveyances (including roads with drainage systems, streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains), designed or used for collecting or conveying storm water; that is not a combined sewer, and that is not part of a publicly owned treatment works (POTW).

Small Construction Activity - Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than one (1) acre and less than five (5) acres of land. Small construction activity also includes the disturbance of less than one (1) acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one (1) and less than five (5) acres of land. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site (e.g., the routine grading of existing dirt roads, asphalt overlays of existing roads, the routine clearing of existing right-of-ways, and similar maintenance activities.)

Storm Water (or Storm Water Runoff) - Rainfall runoff, snow melt runoff, and surface runoff and drainage.

Storm Water Associated with Construction Activity - Storm water runoff from a construction activity where soil disturbing activities (including clearing, grading, excavating) result in the disturbance of one (1) or more acres of total land area, or are part of a larger common plan of development or sale that will result in disturbance of one (1) or more acres of total land area.

Structural Control (or Practice) - A pollution prevention practice that requires the construction of a device, or the use of a device, to capture or prevent pollution in storm water runoff. Structural controls and practices may include but are not limited to: silt fences, earthen dikes, drainage swales, sediment traps, check dams, subsurface drains, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins.

Surface Water in the State - Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state (from the mean high water mark (MHW) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or nonnavigable, and including the beds and banks of all water-courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems which are authorized by state or federal law, regulation, or permit, and which are created for the purpose of waste treatment are not considered to be water in the state.

Temporary Stabilization - A condition where exposed soils or disturbed areas are provided a protective cover or other structural control to prevent the migration of pollutants. Temporary stabilization may include temporary seeding, geotextiles, mulches, and other techniques to reduce or eliminate erosion until either permanent stabilization can be achieved or until further construction activities take place.

Waters of the United States - (from 40 CFR, Part 122, Section 2) Waters of the United States or waters of the U.S. means:

- (a) all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
- (b) all interstate waters, including interstate wetlands;
- (c) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds that the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:
 - (1) which are or could be used by interstate or foreign travelers for recreational or other purposes;
 - (2) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or
 - (3) which are used or could be used for industrial purposes by industries in interstate commerce;
- (d) all impoundments of waters otherwise defined as waters of the United States under this definition;
- (e) tributaries of waters identified in paragraphs (a) through (d) of this definition;
- (f) the territorial sea; and
- (g) wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA (other than cooling ponds as defined in 40 CFR §423.11(m) which also meet the criteria of this definition) are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (such as disposal area in wetlands) nor resulted from the impoundment of waters of the United States. Waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

Part II. Permit Applicability and Coverage

Section A. Discharges Eligible for Authorization

1. Storm Water Associated with Construction Activity

Discharges of storm water runoff from small and large construction activities may be authorized under this general permit.

2. Discharges of Storm Water Associated with Construction Support Activities

Examples of construction support activities include, but are not limited to, concrete batch plants, rock crushers, asphalt batch plants, equipment staging areas, material storage yards, material borrow areas, and excavated material disposal areas. Discharges of storm water runoff from construction support activities may be authorized under this general permit, provided that the following conditions are met:

- (a) the activities are located within one (1)-mile from the boundary of the permitted construction site and directly support the construction activity;
- (b) a storm water pollution prevention plan is developed according to the provisions of this general permit and includes appropriate controls and measures to reduce erosion and discharge of pollutants in storm water runoff from the construction support activities; and
- (c) the construction support activities either do not operate beyond the completion date of the construction activity or are authorized under separate TPDES authorization. Separate TPDES authorization may include the TPDES Multi Sector General Permit, TXR050000 (related to storm water discharges associated with industrial activity), separate authorization under this general permit if applicable, coverage under an alternative general permit if available, or authorization under an individual water quality permit.

3. Non-Storm Water Discharges

The following non-storm water discharges from sites authorized under this general permit are also eligible for authorization under this general permit:

- (a) discharges from fire fighting activities (fire fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);
- (b) uncontaminated fire hydrant flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life), which include flushings from systems that utilize potable water, surface water, or groundwater that does not contain additional pollutants (uncontaminated fire hydrant flushings do not include systems utilizing reclaimed wastewater as a source water);
- (c) water from the routine external washing of vehicles, the external portion of buildings or structures, and pavement, where detergents and soaps are not used and where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed; and if local state, or federal regulations are applicable, the materials are removed according to those regulations), and where the purpose is to remove mud, dirt, or dust;
- (d) uncontaminated water used to control dust;

- (e) potable water sources including waterline flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
 - (f) uncontaminated air conditioning condensate;
 - (g) uncontaminated ground water or spring water, including foundation or footing drains where flows are not contaminated with industrial materials such as solvents; and
 - (h) lawn watering and similar irrigation drainage.
4. Other Permitted Discharges

Any discharge authorized under a separate NPDES, TPDES, or TCEQ permit may be combined with discharges authorized by this general permit, provided those discharges comply with the associated permit.

Section B. Concrete Truck Wash Out

The washout of concrete trucks associated with off-site production facilities may be conducted at regulated construction sites in accordance with the requirements of Part V of this general permit.

Section C. Limitations on Permit Coverage

1. Post Construction Discharges.

Discharges that occur after construction activities have been completed, and after the construction site and any supporting activity site have undergone final stabilization, are not eligible for coverage under this general permit. Discharges originating from the sites are not authorized under this general permit following the submission of the notice of termination (NOT) for the construction activity.

2. Prohibition of Non-Storm Water Discharges

Except as otherwise provided in Part II.A. of this general permit, only discharges that are composed entirely of storm water associated with construction activity may be authorized under this general permit.

3. Compliance With Water Quality Standards

Discharges to surface water in the state that would cause or contribute to a violation of water quality standards or that would fail to protect and maintain existing designated uses are not eligible for coverage under this general permit. The executive director may require an application for an individual permit or alternative general permit (see Parts II.H.2. and 3.) to authorize discharges to surface water in the state from any activity that is determined to cause a violation of water quality standards or is found to cause, or contribute to, the loss of a designated use. The executive director may also require an application for an individual permit considering factors described in Part II.H.2. of this general permit.

4. Discharges to Water Quality-Impaired Receiving Waters.

New sources or new discharges of the constituents of concern to impaired waters are not authorized by this permit unless otherwise allowable under 30 TAC Chapter 305 and applicable state law. Impaired waters are those that do not meet applicable water quality standards and are listed on the EPA approved Clean Water Act Section 303(d) list. Constituents of concern are those for which the water body is listed as impaired.

Discharges of the constituents of concern to impaired water bodies for which there is a total maximum daily load (TMDL) are not eligible for this permit unless they are consistent with the approved TMDL. Permittees must incorporate the limitations, conditions, and requirements applicable to their discharges, including monitoring frequency and reporting required by TCEQ rules, into their storm water pollution prevention plan in order to be eligible for coverage under this general permit.

5. Discharges to the Edwards Aquifer Recharge Zone

Discharges cannot be authorized by this general permit where prohibited by 30 Texas Administrative Code (TAC) Chapter 213 (relating to Edwards Aquifer). **In addition, commencement of construction (i.e., the initial disturbance of soils associated with clearing, grading, or excavating activities, as well as other construction-related activities such as stockpiling of fill material and demolition) at a site regulated under 30 TAC Chapter 213, may not begin until the appropriate Edwards Aquifer Protection Plan has been approved by the TCEQ's Edwards Aquifer Protection Program.**

- (a) For new discharges located within the Edwards Aquifer Recharge Zone, or within that area upstream from the recharge zone and defined as the Contributing Zone, operators must meet all applicable requirements of, and operate according to, 30 TAC Chapter 213 (Edwards Aquifer Rule) in addition to the provisions and requirements of this general permit.
- (b) For existing discharges located within the Edwards Aquifer Recharge Zone, the requirements of the agency-approved Water Pollution Abatement Plan under the Edwards Aquifer Rules are in addition to the requirements of this general permit. BMPs and maintenance schedules for structural storm water controls, for example, may be required as a provision of the rule. All applicable requirements of the Edwards Aquifer Rule for reductions of suspended solids in storm water runoff are in addition to the requirements in this general permit for this pollutant.

For discharges from large construction activities located on the Edwards Aquifer recharge zone or the Edwards Aquifer contributing zone, applicants must submit a copy of the NOI to the appropriate TCEQ regional office. For discharges from small construction activities located on the Edwards Aquifer recharge zone or the Edwards Aquifer contributing zone, and for discharges from large construction activities by operators not required to submit an NOI under this general permit, applicants must submit a copy of the construction site notice to the appropriate TCEQ regional office where required by the Edwards Aquifer Rules at 30 TAC Chapter 213:

Counties:

Contact:

Comal, Bexar, Medina, Uvalde,
and Kinney

TCEQ
Water Program Manager
San Antonio Regional Office
14250 Judson Rd.
San Antonio, Texas
(210) 490-3096

Williamson, Travis, and Hays

TCEQ
Water Program Manager
Austin Regional Office
2800 South IH 35, Suite 100
Austin, Texas 78704-5712
(512) 339-2929

6. Discharges to Specific Watersheds and Water Quality Areas

Discharges otherwise eligible for coverage cannot be authorized by this general permit where prohibited by 30 TAC Chapter 311 (relating to Watershed Protection) for water quality areas and watersheds.

7. Protection of Streams and Watersheds by Other Governmental Entities

This general permit does not limit the authority or ability of federal, other state, or local governmental entities from placing additional or more stringent requirements on construction activities or discharges from construction activities. For example, this permit does not limit the authority of a home-rule municipality provided by Texas Local Government Code §401.002.

8. Indian Country Lands

Storm water runoff from construction activities occurring on Indian Country lands are not under the authority of the TCEQ and are not eligible for coverage under this general permit. If discharges of storm water require authorization under federal National Pollutant Discharge Elimination System (NPDES) regulations, authority for these discharges must be obtained from the U.S. Environmental Protection Agency (EPA).

9. Oil and Gas Production

Storm water runoff from construction activities associated with the exploration, development, or production of oil or gas or geothermal resources, including transportation of crude oil or natural gas by pipeline, are not under the authority of the TCEQ and are not eligible for coverage under this general permit. If discharges of storm water require authorization under federal NPDES regulations, authority for these discharges must be obtained from the EPA.

10. Storm Water Discharges from Agricultural Activities

Storm water discharges from agricultural activities that are not point source discharges of storm water are not subject to TPDES permit requirements. These activities may include clearing and cultivating ground for crops, construction of fences to contain livestock, construction of stock ponds, and other similar agricultural activities. Discharges of storm water runoff associated with the construction of facilities that are subject to TPDES regulations, such as the construction of confined animal feeding operations, would be point sources regulated under this general permit.

11. Other

Nothing in Part II of the general permit is intended to negate any person's ability to assert the force majeure (act of God, war, strike, riot, or other catastrophe) defenses found in 30 TAC § 70.7.

Section D. Deadlines for Obtaining Authorization to Discharge

1. Large Construction Activities

- (a) New Construction - Discharges from sites where the commencement of construction occurs on or after the effective date of this general permit must be authorized, either under this general permit or a separate TPDES permit, prior to the commencement of those construction activities.
- (b) Ongoing Construction - Operators of large construction activities continuing to operate after the effective date of this permit, and authorized under TPDES general permit TXR150000 (issued March 5, 2003), must submit an NOI to renew authorization under this general permit within 90 days of the effective date of this general permit. During this interim period, as a requirement of this TPDES permit, the operator must continue to meet the conditions and requirements of the previous TPDES permit.

2. Small Construction Activities

- (a) New Construction - Discharges from sites where the commencement of construction occurs on or after the effective date of this general permit must be authorized, either under this general permit or a separate TPDES permit, prior to the commencement of those construction activities.
- (b) Ongoing Construction - Discharges from ongoing small construction activities that commenced prior to the effective date of this general permit, and that would not meet the conditions to qualify for termination of this permit as described in Part II.E. of this general permit, must meet the requirements to be authorized, either under this general permit or a separate TPDES permit, within 90 days of the effective date of this general permit. During this interim period, as a requirement of this TPDES permit, the operator must continue to meet the conditions and requirements of the previous TPDES permit.

Section E. Obtaining Authorization to Discharge

1. Automatic Authorization for Small Construction Activities With Low Potential for Erosion:

If all of the following conditions are met, then a small construction activity is determined to occur during periods of low potential for erosion, and a site operator may be automatically authorized under this general permit without being required to develop a storm water pollution prevention plan or submit a notice of intent (NOI):

- (a) the construction activity occurs in a county listed in Appendix A;
- (b) the construction activity is initiated and completed, including either final or temporary stabilization of all disturbed areas, within the time frame identified in Appendix A for the location of the construction site;
- (c) all temporary stabilization is adequately maintained to effectively reduce or prohibit erosion, permanent stabilization activities have been initiated, and a condition of final stabilization is completed no later than 30 days following the end date of the time frame identified in Appendix A for the location of the construction site;
- (d) the permittee signs a completed construction site notice (Attachment 1 of this general permit), including the certification statement;
- (e) a signed copy of the construction site notice is posted at the construction site in a location where it is readily available for viewing by the general public, local, state, and federal authorities prior to commencing construction activities, and maintained in that location until completion of the construction activity;
- (f) a copy of the signed and certified construction site notice is provided to the operator of any municipal separate storm sewer system (MS4) receiving the discharge at least two days prior to commencement of construction activities;
- (g) any supporting concrete batch plant or asphalt batch plant is separately authorized for discharges of storm water runoff or other non-storm water discharges under an individual TPDES permit, another TPDES general permit, or under an individual TCEQ permit where storm water and non-storm water is disposed of by evaporation or irrigation (discharges are adjacent to water in the state); and
- (h) any non-storm water discharges are either authorized under a separate permit or authorization, or are not considered to be a wastewater.

Part II.G. of this general permit describes how an operator may apply for and obtain a waiver from permitting, for certain small construction activities that occur during a period with a low potential for erosion, where automatic authorization under this section is not available.

2. Automatic Authorization For All Other Small Construction Activities:

Operators of small construction activities not described in Part II.E.1. above may be automatically authorized under this general permit, and operators of these sites shall not be required to submit an NOI, provided that they meet all of the following conditions:

- (a) develop a SWP3 according to the provisions of this general permit, that covers either the entire site or all portions of the site for which the applicant is the operator, and implement that plan prior to commencing construction activities;
- (b) sign and certify a completed construction site notice (Attachment 2 of this general permit), post the notice at the construction site in a location where it is safely and readily available for viewing by the general public, local, state, and federal authorities, prior to commencing construction, and maintain the notice in that location until completion of the construction activity (for linear construction activities, e.g. pipeline or highway, the site notice must be placed in a publicly accessible location near where construction is actively underway; notice for these linear sites may be relocated, as necessary, along the length of the project, and the notice must be safely and readily available for viewing by the general public; local, state, and federal authorities); and
- (c) provide a copy of the signed and certified construction site notice to the operator of any municipal separate storm sewer system receiving the discharge at least two days prior to commencement of construction activities.

Operators of small construction activities as defined in Part I of this general permit shall not submit an NOI for coverage unless otherwise required by the executive director.

As described in Part I (Definitions) of this general permit, large construction activities include those that will disturb less than five (5) acres of land, but that are part of a larger common plan of development or sale that will ultimately disturb five (5) or more acres of land, and must meet the requirements of Part II.E.3. below.

3. Authorization for Large Construction Activities:

Operators of large construction activities that qualify for coverage under this general permit must meet all of the following conditions:

- (a) develop a SWP3 according to the provisions of this general permit that covers either the entire site or all portions of the site for which the applicant is the operator, and implement that plan prior to commencing construction activities;
- (b) primary operators must submit a Notice of Intent (NOI), using a form provided by the executive director, at least seven (7) days prior to commencing construction activities, or if utilizing electronic submittal, prior to commencing construction activities. If an additional primary operator is added after the initial NOI is submitted, the new primary operator must submit an NOI at least seven (7) days before assuming operational control, or if utilizing electronic NOI submittal, prior to assuming operational control. If the primary operator changes after the initial NOI is submitted, the new primary operator must submit a paper NOI or an electronic NOI at least ten (10) days before assuming operational control;
- (c) all primary operators must also post a copy of the signed NOI at the construction site in a location where it is readily available for viewing by the general public, local,

state, and federal authorities prior to commencing construction activities, and must maintain the NOI in that location until completion of the construction activity;

- (d) all operators of large construction activities must post a site notice in accordance with Part III.D.2. of this permit. The site notice must be located where it is safely and readily available for viewing by the general public, local, state, and federal authorities prior to commencing construction, and must be maintained in that location until completion of the construction activity (for linear construction activities, e.g. pipeline or highway, the site notice must be placed in a publicly accessible location near where construction is actively underway; notice for these linear sites may be relocated, as necessary, along the length of the project, and the notice must be safely and readily available for viewing by the general public; local, state, and federal authorities); and
 - (e) all primary operators must provide a copy of the signed NOI to the operator of any municipal separate storm sewer system (MS4) receiving the discharge and to any secondary operator, at least seven (7) days prior to commencing construction activities, and must list in the SWP3 the names and addresses of all MS4 operators receiving a copy.
 - (f) All persons meeting the definition of “secondary operator” in Part I of this permit are hereby notified that they are regulated under this general permit, but are not required to submit an NOI, provided that another operator(s) at the site has submitted an NOI, or is required to submit an NOI and the secondary operator has provided notification to the operator(s) of the need to obtain coverage (with records of notification available upon request). Any secondary operator notified under this provision may alternatively submit an NOI under this general permit, may seek coverage under an alternative TPDES individual permit, or may seek coverage under an alternative TPDES general permit if available.
4. Waivers for Small Construction Activities:

Part II.G. describes how operators of certain small construction activities may obtain a waiver from coverage.

5. Effective Date of Coverage

- (a) Operators of small construction activities as described in either Part II.E.1. or II.E.2. above are authorized immediately following compliance with the applicable conditions of Part II.E.1. or II.E.2. Secondary operators of large construction activities as described in Part II.E.3. above are authorized immediately following compliance with the applicable conditions in Part II.E.3. For activities located in areas regulated by 30 TAC Chapter 213, related to the Edwards Aquifer, this authorization to discharge is separate from the requirements of the operator’s responsibilities under that rule. Construction may not commence for sites regulated under 30 TAC Chapter 213 until all applicable requirements of that rule are met.
- (b) Primary operators of large construction activities as described in Part II.E.3. above are provisionally authorized seven (7) days from the date that a completed NOI is

postmarked for delivery to the TCEQ, unless otherwise notified by the executive director. If electronic submission of the NOI is provided, and unless otherwise notified by the executive director, primary operators are authorized immediately following confirmation of receipt of the NOI by the TCEQ. Authorization is non-provisional when the executive director finds the NOI is administratively complete and an authorization number is issued for the activity. For activities located in areas regulated by 30 TAC Chapter 213, related to the Edwards Aquifer, this authorization to discharge is separate from the requirements of the operator's responsibilities under that rule. Construction may not commence for sites regulated under 30 TAC Chapter 213 until all applicable requirements of that rule are met.

- (c) Operators are not prohibited from submitting late NOIs or posting late notices to obtain authorization under this general permit. The TCEQ reserves the right to take appropriate enforcement actions for any unpermitted activities that may have occurred between the time construction commenced and authorization was obtained.

6. Notice of Change (NOC)

If relevant information provided in the NOI changes, an NOC must be submitted at least 14 days before the change occurs, if possible. Where 14-day advance notice is not possible, the operator must submit an NOC within 14 days of discovery of the change. If the operator becomes aware that it failed to submit any relevant facts or submitted incorrect information in an NOI, the correct information must be provided to the executive director in an NOC within 14 days after discovery. The NOC shall be submitted on a form provided by the executive director, or by letter if an NOC form is not available. A copy of the NOC must also be provided to the operator of any MS4 receiving the discharge, and a list must be included in the SWP3 that includes the names and addresses of all MS4 operators receiving a copy.

Information that may be included on an NOC includes, but is not limited to, the following: the description of the construction project, an increase in the number of acres disturbed (for increases of one or more acres), or the operator name. A transfer of operational control from one operator to another, including a transfer of the ownership of a company, may not be included in an NOC. A transfer of ownership of a company includes changes to the structure of a company, such as changing from a partnership to a corporation or changing corporation types, so that the filing number (or charter number) that is on record with the Texas Secretary of State must be changed.

An NOC is not required for notifying TCEQ of a decrease in the number of acres disturbed. This information must be included in the storm water pollution prevention plan (SWP3) and retained on site.

7. Signatory Requirement for NOI Forms, Notice of Termination (NOT) Forms, NOC Letters, and Construction Site Notices

NOI forms, NOT forms, NOC letters, and Construction Site Notices that require a signature must be signed according to 30 TAC § 305.44 (relating to Signatories for Applications).

8. Contents of the NOI

The NOI form shall require, at a minimum, the following information:

- (a) the TPDES CGP authorization number for existing authorizations under this general permit, where the operator submits an NOI to renew coverage within 90 days of the effective date of this general permit;
- (b) the name, address, and telephone number of the operator filing the NOI for permit coverage;
- (c) the name (or other identifier), address, county, and latitude/longitude of the construction project or site;
- (d) the number of acres that will be disturbed by the applicant;
- (e) confirmation that the project or site will not be located on Indian Country lands;
- (f) confirmation that a SWP3 has been developed, that it will be implemented prior to construction, and that it is compliant with any applicable local sediment and erosion control plans;
- (g) name of the receiving water(s);
- (h) the classified segment number for each classified segment that receives discharges from the regulated construction activity (if the discharge is not directly to a classified segment, then the classified segment number of the first classified segment that those discharges reach); and
- (i) the name of all surface waters receiving discharges from the regulated construction activity that are on the latest EPA-approved CWA § 303(d) list of impaired waters.

Section F. Terminating Coverage

1. Notice of Termination (NOT) Required

Each operator that has submitted an NOI for authorization under this general permit must apply to terminate that authorization following the conditions described in this section of the general permit. Authorization must be terminated by submitting a Notice of Termination (NOT) on a form supplied by the executive director. Authorization to discharge under this general permit terminates at midnight on the day the NOT is postmarked for delivery to the TCEQ. If electronic submission of the NOT is provided, authorization to discharge under this permit terminates immediately following confirmation of receipt of the NOT by the TCEQ. Compliance with the conditions and requirements of this permit is required until an NOT is submitted.

The NOT must be submitted to TCEQ, and a copy of the NOT provided to the operator of any MS4 receiving the discharge (with a list in the SWP3 of the names and addresses of all MS4 operators receiving a copy), within 30 days after any of the following conditions are met:

- (a) final stabilization has been achieved on all portions of the site that are the responsibility of the permittee;
- (b) a transfer of operational control has occurred (See Section II.F.4. below); or
- (c) the operator has obtained alternative authorization under an individual TPDES permit or alternative TPDES general permit.

2. Minimum Contents of the NOT

The NOT form shall require, at a minimum, the following information:

- (a) if authorization was granted following submission of an NOI, the permittee's site-specific TPDES authorization number for the construction site;
- (b) an indication of whether the construction activity is completed or if the permittee is simply no longer an operator at the site;
- (c) the name, address, and telephone number of the permittee submitting the NOT;
- (d) the name (or other identifier), address, county, and latitude/longitude of the construction project or site; and
- (e) a signed certification that either all storm water discharges requiring authorization under this general permit will no longer occur, or that the applicant to terminate coverage is no longer the operator of the facility or construction site, and that all temporary structural erosion controls have either been removed, will be removed on a schedule defined in the SWP3, or have been transferred to a new operator if the new operator has applied for permit coverage. Erosion controls that are designed to remain in place for an indefinite period, such as mulches and fiber mats, are not required to be removed or scheduled for removal.

3. Termination of Coverage for Small Construction Sites and for Secondary Operators at Large Construction Sites

Each operator that has obtained automatic authorization and has not been required to submit an NOI must remove the site notice upon meeting any of the conditions listed below, complete the applicable portion of the site notice related to removal of the site notice, and submit a copy of the completed site notice to the operator of any MS4 receiving the discharge (or provide alternative notification as allowed by the MS4 operator, with documentation of such notification included in the SWP3), within 30 days of meeting any of the following conditions:

- (a) final stabilization has been achieved on all portions of the site that are the responsibility of the permittee;
- (b) a transfer of operational control has occurred (See Section II.F.4. below); or

- (c) the operator has obtained alternative authorization under an individual or general TPDES permit.

Authorization to discharge under this general permit terminates immediately upon removal of the applicable site notice. Compliance with the conditions and requirements of this permit is required until the site notice is removed.

4. Transfer of Operational Control

Coverage under this general permit is not transferable. A transfer of operational control includes changes to the structure of a company, such as changing from a partnership to a corporation, or changing to a different corporation type such that a different filing (or charter) number is established with the Texas Secretary of State.

When the primary operator of a large construction activity changes or operational control is transferred, the original operator must submit a Notice of Termination (NOT) within ten (10) days prior to the date that responsibility for operations terminates, and the new operator must submit an NOI at least ten (10) days prior to the transfer of operational control, in accordance with condition (a) or (b) below. A copy of the NOT must be provided to the operator of any MS4 receiving the discharge in accordance with Section II.F.1. above.

Operators of regulated construction activities who are not required to submit an NOI must remove the original site notice, and the new operator must post the required site notice prior to the transfer of operational control, in accordance with condition (a) or (b) below. A copy of the completed site notice must be provided to the operator of any MS4 receiving the discharge, in accordance with Section II.F.3. above.

A transfer of operational control occurs when either of the following criteria is met:

- (a) Another operator has assumed control over all areas of the site that have not been finally stabilized; and all silt fences and other temporary erosion controls have either been removed, scheduled for removal as defined in the SWP3, or transferred to a new operator, provided that the permitted operator has attempted to notify the new operator in writing of the requirement to obtain permit coverage. Record of this notification (or attempt at notification) shall be retained by the operator in accordance with Part VI of this permit. Erosion controls that are designed to remain in place for an indefinite period, such as mulches and fiber mats, are not required to be removed or scheduled for removal.
- (b) A homebuilder has purchased one or more lots from an operator who obtained coverage under this general permit for a common plan of development or sale. The homebuilder is considered a new operator and shall comply with the requirements listed above, including the development of a SWP3 if necessary. Under these circumstances, the homebuilder is only responsible for compliance with the general permit requirements as they apply to lot(s) it has operational control over, and the original operator remains responsible for common controls or discharges, and must amend its SWP3 to remove the lot(s) transferred to the homebuilder.

Section G. Waivers from Coverage

The executive director may waive the otherwise applicable requirements of this general permit for storm water discharges from small construction activities under the terms and conditions described in this section.

1. Waiver Applicability and Coverage

Operators of small construction activities may apply for and receive a waiver from the requirements to obtain authorization under this general permit, where all of the following conditions are met. This waiver from coverage does not apply to non-storm water discharges. The operator must insure that any non-storm water discharges are either authorized under a separate permit or authorization, or are not considered to be a wastewater.

- (a) the calculated rainfall erosivity (R) factor for the entire period of the construction project is less than five (5);
- (b) the operator submits to the TCEQ a signed waiver certification form, supplied by the executive director, certifying that the construction activity will commence and be completed within a period when the value of the calculated rainfall erosivity R factor is less than five (5); and
- (c) the waiver certification form is postmarked for delivery to the TCEQ at least two (2) days before construction activity begins.

2. Steps to Obtaining a Waiver

The construction site operator may calculate the R factor to request a waiver using the following steps:

- (a) Estimate the construction start date and the construction end date. The construction end date is the date that final stabilization will be achieved.
- (b) Find the appropriate Erosivity Index (EI) zone in Appendix B of this permit.
- (c) Find the EI percentage for the project period by adding the results for each period of the project using the table provided in Appendix D of this permit, in EPA Fact Sheet 2.1, or in USDA Handbook 703, by subtracting the start value from the end value to find the percent EI for the site.
- (d) Refer to the Isoerodent Map (Appendix C of this permit) and interpolate the annual isoerodent value for the proposed construction location.
- (e) Multiply the percent value obtained in Step (c) above by the annual isoerodent value obtained in Step (d). This is the R factor for the proposed project. If the value is less than 5, then a waiver may be obtained. If the value is five (5) or more, then a waiver may not be obtained, and the operator must obtain coverage under Part II.E.2. of this permit.

Alternatively, the operator may calculate a site-specific R factor utilizing the following online calculator: <http://ei.tamu.edu/index.html>, or using another available resource.

The waiver certification form is not required to be posted at the small construction site.

3. Effective Date of Waiver

Operators of small construction activities are provisionally waived from the otherwise applicable requirements of this general permit two (2) days from the date that a completed waiver certification form is postmarked for delivery to TCEQ.

4. Activities Extending Beyond the Waiver Period

If a construction activity extends beyond the approved waiver period due to circumstances beyond the control of the operator, the operator must either:

- (a) recalculate the rainfall erosivity (R) factor using the original start date and a new projected ending date, and if the R factor is still under five (5), submit a new waiver certification form at least two (2) days before the end of the original waiver period; or
- (b) obtain authorization under this general permit according to the requirements delineated in either Part II.E.2. or Part II.E.3. at least two (2) days before the end of the approved waiver period.

Section H. Alternative TPDES Permit Coverage

1. Individual Permit Alternative

Any discharge eligible for coverage under this general permit may alternatively be authorized under an individual TPDES permit according to 30 TAC Chapter 305 (relating to Consolidated Permits). Applications for individual permit coverage should be submitted at least three hundred and thirty (330) days prior to commencement of construction activities to ensure timely issuance.

2. Individual Permit Required

The executive director may suspend an authorization or deny an NOI in accordance with the procedures set forth in 30 TAC Chapter 205 (relating to General Permits for Waste Discharges), including the requirement that the executive director provide written notice to the permittee. The executive director may require an operator of a construction site, otherwise eligible for authorization under this general permit, to apply for an individual TPDES permit in the following circumstances:

- (a) the conditions of an approved total maximum daily load (TMDL) limitation or TMDL implementation plan on the receiving stream;

- (b) the activity being determined to cause a violation of water quality standards or being found to cause, or contribute to, the loss of a designated use of surface water in the state: and
- (c) any other consideration defined in 30 TAC Chapter 205 (relating to General Permits for Waste Discharges) including 30 TAC §205.4(c)(3)(D), which allows the commission to deny authorization under the general permit and require an individual permit if a discharger “has been determined by the executive director to have been out of compliance with any rule, order, or permit of the commission, including non-payment of fees assessed by the executive director.”

Additionally, the executive director may cancel, revoke, or suspend authorization to discharge under this general permit based on a finding of historical and significant noncompliance with the provisions of this general permit, relating to 30 TAC §60.3 (Use of Compliance History). Denial of authorization to discharge under this general permit or suspension of a permittee’s authorization under this general permit shall be done according to commission rules in 30 TAC, Chapter 205 (relating to General Permits for Waste Discharges).

- 3. Any discharge eligible for authorization under this general permit may alternatively be authorized under a separate general permit according to 30 TAC Chapter 205 (relating to General Permits for Waste Discharges), if applicable.

Section I. Permit Expiration

- 1. This general permit is issued for a term not to exceed five (5) years. All active discharge authorizations expire on the date provided on page one (1) of this permit. Following public notice and comment, as provided by 30 TAC §205.3 (relating to Public Notice, Public Meetings, and Public Comment), the commission may amend, revoke, cancel, or renew this general permit.
- 2. If the executive director publishes a notice of the intent to renew or amend this general permit before the expiration date, the permit will remain in effect for existing, authorized discharges until the commission takes final action on the permit. Upon issuance of a renewed or amended permit, permittees may be required to submit an NOI within 90 days following the effective date of the renewed or amended permit, unless that permit provides for an alternative method for obtaining authorization.
- 3. If the commission does not propose to reissue this general permit within 90 days before the expiration date, permittees shall apply for authorization under an individual permit or an alternative general permit. If the application for an individual permit is submitted before the expiration date, authorization under this expiring general permit remains in effect until the issuance or denial of an individual permit. No new NOIs will be accepted nor new authorizations honored under the general permit after the expiration date.

Part III. Storm Water Pollution Prevention Plans (SWP3)

Storm water pollution prevention plans must be prepared to address discharges authorized under Parts II.E.2. and II.E.3. that will reach Waters of the United States, including discharges to MS4s and privately owned

separate storm sewer systems that drain to Waters of the United States, to identify and address potential sources of pollution that are reasonably expected to affect the quality of discharges from the construction site, including off-site material storage areas, overburden and stockpiles of dirt, borrow areas, equipment staging areas, vehicle repair areas, fueling areas, etc., used solely by the permitted project. The SWP3 must describe the implementation of practices that will be used to minimize to the extent practicable the discharge of pollutants in storm water associated with construction activity and non-storm water discharges described in Part II.A.3., in compliance with the terms and conditions of this permit.

Individual operators at a site may develop separate SWP3s that cover only their portion of the project, provided reference is made to the other operators at the site. Where there is more than one SWP3 for a site, permittees must coordinate to ensure that BMPs and controls are consistent and do not negate or impair the effectiveness of each other. Regardless of whether a single comprehensive SWP3 is developed or separate SWP3s are developed for each operator, it is the responsibility of each operator to ensure compliance with the terms and conditions of this general permit in the areas of the construction site where that operator has control over construction plans and specifications or day-to-day operations.

Section A. Shared SWP3 Development

For more effective coordination of BMPs and opportunities for cost sharing, a cooperative effort by the different operators at a site is encouraged. Operators must independently obtain authorization, but may work together to prepare and implement a single, comprehensive SWP3 for the entire construction site.

1. The SWP3 must clearly list the name and, for large construction activities, the general permit authorization numbers, for each operator that participates in the shared SWP3. Until the TCEQ responds to receipt of the NOI with a general permit authorization number, the SWP3 must specify the date that the NOI was submitted to TCEQ by each operator. Each operator participating in the shared plan must also sign the SWP3.
2. The SWP3 must clearly indicate which operator is responsible for satisfying each shared requirement of the SWP3. If the responsibility for satisfying a requirement is not described in the plan, then each permittee is entirely responsible for meeting the requirement within the boundaries of the construction site where they perform construction activities. The SWP3 must clearly describe responsibilities for meeting each requirement in shared or common areas.

Section B. Responsibilities of Operators

1. Secondary Operators and Primary Operators with Control Over Construction Plans and Specifications

All secondary operators and primary operators with control over construction plans and specifications must:

- (a) ensure the project specifications allow or provide that adequate BMPs are developed to meet the requirements of Part III of this general permit;
- (b) ensure that the SWP3 indicates the areas of the project where they have control over project specifications, including the ability to make modifications in specifications;

- (c) ensure all other operators affected by modifications in project specifications are notified in a timely manner so that those operators may modify their best management practices as necessary to remain compliant with the conditions of this general permit; and
 - (d) ensure that the SWP3 for portions of the project where they are operators indicates the name and site-specific TPDES authorization numbers for permittees with the day-to-day operational control over those activities necessary to ensure compliance with the SWP3 and other permit conditions. If the party with day-to-day operational control has not been authorized or has abandoned the site, the person with control over project specifications is considered to be the responsible party until the authority is transferred to another party and the SWP3 is updated.
2. Primary Operators with Day-to-Day Operational Control

Primary Operators with day-to-day operational control of those activities at a project that are necessary to ensure compliance with an SWP3 and other permit conditions must ensure that the SWP3 accomplishes the following requirements:

- (a) meets the requirements of this general permit for those portions of the project where they are operators;
- (b) identifies the parties responsible for implementation of best management practices (BMPs) described in the SWP3;
- (c) indicates areas of the project where they have operational control over day-to-day activities; and
- (d) includes, for areas where they have operational control over day-to-day activities, the name and site-specific TPDES authorization number of the parties with control over project specifications, including the ability to make modifications in specifications.

Section C. Deadlines for SWP3 Preparation, Implementation, and Compliance

The SWP3 must be prepared prior to obtaining authorization under this general permit, and implemented prior to commencing construction activities that result in soil disturbance. The SWP3 must be prepared so that it provides for compliance with the terms and conditions of this general permit.

Section D. Plan Review and Making Plans Available

1. The SWP3 must be retained on-site at the construction site or, if the site is inactive or does not have an on-site location to store the plan, a notice must be posted describing the location of the SWP3. The SWP3 must be made readily available at the time of an on-site inspection to: the executive director; a federal, state, or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; and the operator of a municipal separate storm sewer receiving discharges from the site.

2. In addition to the requirement to post the NOI, a primary operator of a large construction activity must post the site notice provided in Attachment 4 of this permit near the main entrance of the construction site. An operator of a small construction activity seeking authorization under this general permit and a secondary operator of a large construction activity must post the site notice required in Part II.E.1., 2., or 3. of this permit in order to obtain authorization (see Attachments 1, 2, and 3). If the construction project is a linear construction project (e.g. pipeline or highway), the notices must be placed in a publicly accessible location near where construction is actively underway. Notices for these linear sites may be relocated, as necessary, along the length of the project. The notices must be readily available for viewing by the general public; local, state, and federal authorities; and contain the following information:
 - (a) the site-specific TPDES authorization number for the project if assigned;
 - (b) the operator name, contact name, and contact phone number;
 - (c) a brief description of the project; and
 - (d) the location of the SWP3.
3. This permit does not provide the general public with any right to trespass on a construction site for any reason, including inspection of a site; nor does this permit require that permittees allow members of the general public access to a construction site.

Section E. Revisions and Updates to SWP3s

The permittee must revise or update the SWP3 whenever the following occurs:

1. a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants and that has not been previously addressed in the SWP3;
2. changing site conditions based on updated plans and specifications, new operators, new areas of responsibility, and changes in BMPs; or
3. results of inspections or investigations by site operators, operators of a municipal separate storm sewer system receiving the discharge, authorized TCEQ personnel, or a federal, state or local agency approving sediment and erosion plans indicate the SWP3 is proving ineffective in eliminating or significantly minimizing pollutants in discharges authorized under this general permit.

Section F. Contents of SWP3

The SWP3 must include, at a minimum, the information described in this section.

1. A site or project description, which includes the following information:
 - (a) a description of the nature of the construction activity;
 - (b) a list of potential pollutants and their sources;

- (c) a description of the intended schedule or sequence of activities that will disturb soils for major portions of the site;
- (d) the total number of acres of the entire property and the total number of acres where construction activities will occur, including off-site material storage areas, overburden and stockpiles of dirt, and borrow areas that are authorized under the permittee's NOI;
- (e) data describing the soil or the quality of any discharge from the site;
- (f) a map showing the general location of the site (e.g. a portion of a city or county map);
- (g) a detailed site map (or maps) indicating the following:
 - (i) drainage patterns and approximate slopes anticipated after major grading activities;
 - (ii) areas where soil disturbance will occur;
 - (iii) locations of all major structural controls either planned or in place;
 - (iv) locations where temporary or permanent stabilization practices are expected to be used;
 - (v) locations of construction support activities, including off-site activities, that are authorized under the permittee's NOI, including material, waste, borrow, fill, or equipment storage areas;
 - (vi) surface waters (including wetlands) either at, adjacent, or in close proximity to the site;
 - (vii) locations where storm water discharges from the site directly to a surface water body or a municipal separate storm sewer system; and
 - (viii) vehicle wash areas.

Where the amount of information required to be included on the map would result in a single map being difficult to read and interpret, the operator shall develop a series of maps that collectively include the required information.

- (h) the location and description of support activities authorized under the permittee's NOI, including asphalt plants, concrete plants, and other activities providing support to the construction site that is authorized under this general permit;
- (i) the name of receiving waters at or near the site that may be disturbed or that may receive discharges from disturbed areas of the project;

- (j) a copy of this TPDES general permit, and
 - (k) the notice of intent (NOI) and acknowledgement certificate for primary operators of large construction sites, and the site notice for small construction sites and for secondary operators of large construction sites.
2. A description of the best management practices (BMPs) that will be used to minimize pollution in runoff.

The description must identify the general timing or sequence for implementation. At a minimum, the description must include the following components:

(a) General Requirements

- (i) Erosion and sediment controls must be designed to retain sediment on-site to the extent practicable with consideration for local topography, soil type, and rainfall.
- (ii) Control measures must be properly selected, installed, and maintained according to the manufacturer's or designer's specifications.
- (iii) Controls must be developed to minimize the offsite transport of litter, construction debris, and construction materials.

(b) Erosion Control and Stabilization Practices

The SWP3 must include a description of temporary and permanent erosion control and stabilization practices for the site, including a schedule of when the practices will be implemented. Site plans should ensure that existing vegetation is preserved where it is possible.

- (i) Erosion control and stabilization practices may include but are not limited to: establishment of temporary or permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of existing trees and vegetation, slope texturing, temporary velocity dissipation devices, flow diversion mechanisms, and other similar measures.
- (ii) The following records must be maintained and either attached to or referenced in the SWP3, and made readily available upon request to the parties listed in Part III.D.1 of this general permit:
 - (A) the dates when major grading activities occur;
 - (B) the dates when construction activities temporarily or permanently cease on a portion of the site; and
 - (C) the dates when stabilization measures are initiated.

- (iii) Erosion control and stabilization measures must be initiated as soon as practicable in portions of the site where construction activities have temporarily ceased. Stabilization measures that provide a protective cover must be initiated as soon as practicable in portions of the site where construction activities have permanently ceased. Except as provided in (A) through (D) below, these measures must be initiated no more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased:
 - (A) Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practicable.
 - (B) Where construction activity on a portion of the site has temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary erosion control and stabilization measures are not required on that portion of site.
 - (C) In arid areas, semiarid areas, and areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased or is precluded by arid conditions, erosion control and stabilization measures must be initiated as soon as practicable. Where vegetative controls are not feasible due to arid conditions, the operator shall install non-vegetative erosion controls. If non-vegetative controls are not feasible, the operator shall install temporary sediment controls as required in Paragraph (D) below.
 - (D) In areas where temporary stabilization measures are infeasible, the operator may alternatively utilize temporary perimeter controls. The operator must document in the SWP3 the reason why stabilization measures are not feasible, and must demonstrate that the perimeter controls will retain sediment on site to the extent practicable. The operator must continue to inspect the BMPs at the frequency established in Section III.F.7.(a) for unstabilized sites.
 - (iv) Final stabilization must be achieved prior to termination of permit coverage.
- (c) Sediment Control Practices

The SWP3 must include a description of any sediment control practices used to remove eroded soils from storm water runoff, including the general timing or sequence for implementation of controls.

- (i) Sites With Drainage Areas of Ten or More Acres
 - (A) Sedimentation Basin(s)

- (1) A sedimentation basin is required, where feasible, for a common drainage location that serves an area with ten (10) or more acres disturbed at one time. A sedimentation basin may be temporary or permanent, and must provide sufficient storage to contain a calculated volume of runoff from a 2-year, 24-hour storm from each disturbed acre drained. When calculating the volume of runoff from a 2-year, 24-hour storm event, it is not required to include the flows from offsite areas and flow from onsite areas that are either undisturbed or have already undergone permanent stabilization, if these flows are diverted around both the disturbed areas of the site and the sediment basin. Capacity calculations shall be included in the SWP3.
 - (2) Where rainfall data is not available or a calculation cannot be performed, the sedimentation basin must provide at least 3,600 cubic feet of storage per acre drained until final stabilization of the site.
 - (3) If a sedimentation basin is not feasible, then the permittee shall provide equivalent control measures until final stabilization of the site. In determining whether installing a sediment basin is feasible, the permittee may consider factors such as site soils, slope, available area, public safety, precipitation patterns, site geometry, site vegetation, infiltration capacity, geotechnical factors, depth to groundwater, and other similar considerations. The permittee shall document the reason that the sediment basins are not feasible, and shall utilize equivalent control measures, which may include a series of smaller sediment basins.
- (B) Perimeter Controls: At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries of the construction area, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.
- (ii) Controls for Sites With Drainage Areas Less than Ten Acres:
- (A) Sediment traps and sediment basins may be used to control solids in storm water runoff for drainage locations serving less than ten (10) acres. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries of the construction area, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.
 - (B) Alternatively, a sediment basin that provides storage for a calculated volume of runoff from a 2-year, 24-hour storm from each disturbed

acre drained may be utilized. Where rainfall data is not available or a calculation cannot be performed, a temporary or permanent sediment basin providing 3,600 cubic feet of storage per acre drained may be provided. If a calculation is performed, then the calculation shall be included in the SWP3.

3. A Description of Permanent Storm Water Controls

A description of any measures that will be installed during the construction process to control pollutants in storm water discharges that may occur after construction operations have been completed must be included in the SWP3. Permittees are only responsible for the installation and maintenance of storm water management measures prior to final stabilization of the site or prior to submission of an NOT.

4. Other Required Controls and BMPs

- (a) Permittees shall minimize, to the extent practicable, the off-site vehicle tracking of sediments and the generation of dust. The SWP3 shall include a description of controls utilized to accomplish this requirement.
- (b) The SWP3 must include a description of construction and waste materials expected to be stored on-site and a description of controls to minimize pollutants from these materials.
- (c) The SWP3 must include a description of potential pollutant sources from areas other than construction (such as storm water discharges from dedicated asphalt plants and dedicated concrete batch plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.
- (d) Permittees shall place velocity dissipation devices at discharge locations and along the length of any outfall channel (i.e., runoff conveyance) to provide a non-erosive flow velocity from the structure to a water course, so that the natural physical and biological characteristics and functions are maintained and protected.
- (e) Permittees shall design and utilize appropriate controls to minimize the offsite transport of suspended sediments and other pollutants if it is necessary to pump or channel standing water from the site.

5. Documentation of Compliance with Approved State and Local Plans

- (a) Permittees must ensure that the SWP3 is consistent with requirements specified in applicable sediment and erosion site plans or site permits, or storm water management site plans or site permits approved by federal, state, or local officials.
- (b) SWP3s must be updated as necessary to remain consistent with any changes applicable to protecting surface water resources in sediment erosion site plans or site permits, or storm water management site plans or site permits approved by state or local official for which the permittee receives written notice.

- (c) If the permittee is required to prepare a separate management plan, including but not limited to a Water Pollution Abatement Plan or Contributing Zone Plan in accordance with 30 TAC Chapter 213 (related to the Edwards Aquifer), then a copy of that plan must be either included in the SWP3 or made readily available upon request to authorized personnel of the TCEQ. The permittee shall maintain a copy of the approval letter for the plan in its SWP3.

6. Maintenance Requirements

- (a) All protective measures identified in the SWP3 must be maintained in effective operating condition. If, through inspections or other means, the permittee determines that BMPs are not operating effectively, then the permittee shall perform maintenance as necessary to maintain the continued effectiveness of storm water controls, and prior to the next rain event if feasible. If maintenance prior to the next anticipated storm event is impracticable, the reason shall be documented in the SWP3 and maintenance must be scheduled and accomplished as soon as practicable. Erosion and sediment controls that have been intentionally disabled, run-over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery.
- (b) If periodic inspections or other information indicates a control has been used incorrectly, is performing inadequately, or is damaged, then the operator must replace or modify the control as soon as practicable after making the discovery.
- (c) Sediment must be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50%. For perimeter controls such as silt fences, berms, etc., the trapped sediment must be removed before it reaches 50% of the above-ground height.
- (d) If sediment escapes the site, accumulations must be removed at a frequency that minimizes off-site impacts, and prior to the next rain event, if feasible. If the permittee does not own or operate the off-site conveyance, then the permittee must work with the owner or operator of the property to remove the sediment.

7. Inspections of Controls

- (a) Personnel provided by the permittee must inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, discharge locations, and structural controls for evidence of, or the potential for, pollutants entering the drainage system. Personnel conducting these inspections must be knowledgeable of this general permit, familiar with the construction site, and knowledgeable of the SWP3 for the site. Sediment and erosion control measures identified in the SWP3 must be inspected to ensure that they are operating correctly. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking. Inspections must be conducted at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

Where sites have been finally or temporarily stabilized or where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), inspections must be conducted at least once every month. In arid or semi-arid areas, inspections must be conducted at least once every month and within 24 hours after the end of a storm event of 0.5 inches or greater.

As an alternative to the above-described inspection schedule of once every 14 calendar days and within 24 hours of a storm event of 0.5 inches or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. If this alternative schedule is developed, then the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection. The inspections may occur on either schedule provided that the SWP3 reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented in the SWP3 (e.g., end of “dry” season and beginning of “wet” season).

- (b) Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may provide inspection personnel with limited access to the areas described in Part III.F.8.(a) above. Inspection of these areas could require that vehicles compromise temporarily or even permanently stabilized areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described in Part III.F.8.(a) above. The conditions of the controls along each inspected 0.25 mile portion may be considered as representative of the condition of controls along that reach extending from the end of the 0.25 mile portion to either the end of the next 0.25 mile inspected portion, or to the end of the project, whichever occurs first.

As an alternative to the above-described inspection schedule of once every 14 calendar days and within 24 hours of a storm event of 0.5 inches or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. If this alternative schedule is developed, the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection. The inspections may occur on either schedule provided that the SWP3 reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented in the SWP3 (e.g., end of “dry” season and beginning of “wet” season).

- (c) In the event of flooding or other uncontrollable situations which prohibit access to the inspection sites, inspections must be conducted as soon as access is practicable.
- (d) The SWP3 must be modified based on the results of inspections, as necessary, to better control pollutants in runoff. Revisions to the SWP3 must be completed within seven (7) calendar days following the inspection. If existing BMPs are modified or if additional BMPs are necessary, an implementation schedule must be described in the SWP3 and wherever possible those changes implemented before the next storm event. If implementation before the next anticipated storm event is impracticable, these changes must be implemented as soon as practicable.
- (e) A report summarizing the scope of the inspection, the date(s) of the inspection, and major observations relating to the implementation of the SWP3 must be made and retained as part of the SWP3. Major observations should include: The locations of discharges of sediment or other pollutants from the site; locations of BMPs that need to be maintained; locations of BMPs that failed to operate as designed or proved inadequate for a particular location; and locations where additional BMPs are needed.

Actions taken as a result of inspections must be described within, and retained as a part of, the SWP3. Reports must identify any incidents of non-compliance. Where a report does not identify any incidents of non-compliance, the report must contain a certification that the facility or site is in compliance with the SWP3 and this permit. The report must be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

The names and qualifications of personnel making the inspections for the permittee may be documented once in the SWP3 rather than being included in each report.

- 8. The SWP3 must identify and ensure the implementation of appropriate pollution prevention measures for all eligible non-storm water components of the discharge, as listed in Part II.A.3. of this permit.
- 9. The SWP3 must include the information required in Part III.B. of this general permit.

Part IV. Storm Water Runoff from Concrete Batch Plants

Discharges of storm water runoff from concrete batch plants at regulated construction sites may be authorized under the provisions of this general permit provided that the following requirements are met for concrete batch plant(s) authorized under this permit. If discharges of storm water runoff from concrete batch plants are not covered under this general permit, then discharges must be authorized under an alternative general permit or individual permit. This permit does not authorize the discharge or land disposal of any wastewater from concrete batch plants at regulated construction sites. Authorization for these wastes must be obtained under an individual permit or an alternative general permit.

Section A. Benchmark Sampling Requirements

- 1. Operators of concrete batch plants authorized under this general permit must sample the storm water runoff from the concrete batch plants according to the requirements of this

section of this general permit, and must conduct evaluations on the effectiveness of the SWP3 based on the following benchmark monitoring values:

Benchmark Parameter	Benchmark Value	Sampling Frequency	Sample Type
Oil and Grease	15 mg/L	1/quarter (*1)(*2)	Grab (*3)
Total Suspended Solids	100 mg/L	1/quarter (*1)(*2)	Grab (*3)
pH	6.0 - 9.0 Standard Units	1/quarter (*1)(*2)	Grab (*3)
Total Iron	1.3 mg/L	1/quarter(*1)(*2)	Grab (*3)

(*1) When discharge occurs. Sampling is required within the first 30 minutes of discharge. If it is not practicable to take the sample, or to complete the sampling, within the first 30 minutes, sampling must be completed within the first hour of discharge. If sampling is not completed within the first 30 minutes of discharge, the reason must be documented and attached to all required reports and records of the sampling activity.

(*2) Sampling must be conducted at least once during each of the following periods. The first sample must be collected during the first full quarter that a storm water discharge occurs from a concrete batch plant authorized under this general permit.

- January through March
- April through June
- July through September
- October through December

For projects lasting less than one full quarter, a minimum of one sample shall be collected, provided that a storm water discharge occurred at least once following submission of the NOI or following the date that automatic authorization was obtained under Section II.E.2., and prior to terminating coverage.

(*3) A grab sample shall be collected from the storm water discharge resulting from a storm event that is at least 0.1 inches of measured precipitation that occurs at least 72 hours from the previously measurable storm event. The sample shall be collected downstream of the concrete batch plant, and where the discharge exits any BMPs utilized to handle the runoff from the batch plant, prior to commingling with any other water authorized under this general permit.

2. The permittee must compare the results of sample analyses to the benchmark values above, and must include this comparison in the overall assessment of the SWP3’s effectiveness. Analytical results that exceed a benchmark value are not a violation of this permit, as these values are not numeric effluent limitations. Results of analyses are indicators that modifications of the SWP3 should be assessed and may be necessary to protect water quality. The operator must investigate the cause for each exceedance and must document the results of this investigation in the SWP3 by the end of the quarter following the sampling event.

The operator's investigation must identify the following:

- (a) any additional potential sources of pollution, such as spills that might have occurred,
- (b) necessary revisions to good housekeeping measures that are part of the SWP3,
- (c) additional BMPs, including a schedule to install or implement the BMPs, and
- (d) other parts of the SWP3 that may require revisions in order to meet the goal of the benchmark values.

Background concentrations of specific pollutants may also be considered during the investigation. If the operator is able to relate the cause of the exceedance to background concentrations, then subsequent exceedances of benchmark values for that pollutant may be resolved by referencing earlier findings in the SWP3. Background concentrations may be identified by laboratory analyses of samples of storm water runoff to the permitted facility, by laboratory analyses of samples of storm water run-off from adjacent non-industrial areas, or by identifying the pollutant is a naturally occurring material in soils at the site.

Section B. Best Management Practices (BMPs) and SWP3 Requirements

Minimum Storm Water Pollution Prevention Plan (SWP3) Requirements – The following are required in addition to other SWP3 requirements listed in this general permit (including, but not limited to Part III.F.7. of this permit):

1. Description of Potential Pollutant Sources - The SWP3 must provide a description of potential sources (activities and materials) that may reasonably be expected to affect the quality of storm water discharges associated with concrete batch plants authorized under this permit. The SWP3 must describe practices that that will be used to reduce the pollutants in these discharges to assure compliance with this general permit, including the protection of water quality, and must ensure the implementation of these practices.

The following must be developed, at a minimum, in support of developing this description:

- (a) Drainage – The site map must include the following information:
 - (1) the location of all outfalls for storm water discharges associated with concrete batch plants that are authorized under this permit;
 - (2) a depiction of the drainage area and the direction of flow to the outfall(s);
 - (3) structural controls used within the drainage area(s);
 - (4) the locations of the following areas associated with concrete batch plants that are exposed to precipitation: vehicle and equipment maintenance activities (including fueling, repair, and storage areas for vehicles and equipment scheduled for maintenance); areas used for the treatment, storage, or disposal

of wastes; liquid storage tanks; material processing and storage areas; and loading and unloading areas; and

- (5) the locations of the following: any bag house or other dust control device(s); recycle/sedimentation pond, clarifier or other device used for the treatment of facility wastewater (including the areas that drain to the treatment device); areas with significant materials; and areas where major spills or leaks have occurred.
 - (b) Inventory of Exposed Materials – A list of materials handled at the concrete batch plant that may be exposed to storm water and that have a potential to affect the quality of storm water discharges associated with concrete batch plants that are authorized under this general permit.
 - (c) Spills and Leaks - A list of significant spills and leaks of toxic or hazardous pollutants that occurred in areas exposed to storm water and that drain to storm water outfalls associated with concrete batch plants authorized under this general permit must be developed, maintained, and updated.
 - (d) Sampling Data - A summary of existing storm water discharge sampling data must be maintained, if available.
2. Measures and Controls - The SWP3 must include a description of management controls to regulate pollutants identified in the SWP3's "Description of Potential Pollutant Sources" from Part IV.B.1.(a) of this permit, and a schedule for implementation of the measures and controls. This must include, at a minimum:
- (a) Good Housekeeping - Good housekeeping measures must be developed and implemented in the area(s) associated with concrete batch plants.
 - (1) Operators must prevent or minimize the discharge of spilled cement, aggregate (including sand or gravel), settled dust, or other significant materials from paved portions of the site that are exposed to storm water. Measures used to minimize the presence of these materials may include regular sweeping or other equivalent practices. These practices must be conducted at a frequency that is determined based on consideration of the amount of industrial activity occurring in the area and frequency of precipitation, and shall occur at least once per week when cement or aggregate is being handled or otherwise processed in the area.
 - (2) Operators must prevent the exposure of fine granular solids, such as cement, to storm water. Where practicable, these materials must be stored in enclosed silos, hoppers or buildings, in covered areas, or under covering.
 - (b) Spill Prevention and Response Procedures - Areas where potential spills that can contribute pollutants to storm water runoff, and the drainage areas from these locations, must be identified in the SWP3. Where appropriate, the SWP3 must specify material handling procedures, storage requirements, and use of equipment.

Procedures for cleaning up spills must be identified in the SWP3 and made available to the appropriate personnel.

- (c) Inspections - Qualified facility personnel (i.e., a person or persons with knowledge of this general permit, the concrete batch plant, and the SWP3 related to the concrete batch plant(s) for the site) must be identified to inspect designated equipment and areas of the facility specified in the SWP3. The inspection frequency must be specified in the SWP3 based upon a consideration of the level of concrete production at the facility, but must be a minimum of once per month while the facility is in operation. The inspection must take place while the facility is in operation and must, at a minimum, include all areas that are exposed to storm water at the site, including material handling areas, above ground storage tanks, hoppers or silos, dust collection/containment systems, truck wash down and equipment cleaning areas. Follow-up procedures must be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections must be maintained and be made readily available for inspection upon request.
 - (d) Employee Training - An employee training program must be developed to educate personnel responsible for implementing any component of the SWP3, or personnel otherwise responsible for storm water pollution prevention, with the provisions of the SWP3. The frequency of training must be documented in the SWP3, and at a minimum, must consist of one training prior to the initiation of operation of the concrete batch plant.
 - (e) Record Keeping and Internal Reporting Procedures - A description of spills and similar incidents, plus additional information that is obtained regarding the quality and quantity of storm water discharges, must be included in the SWP3. Inspection and maintenance activities must be documented and records of those inspection and maintenance activities must be incorporated in the SWP3.
 - (f) Management of Runoff - The SWP3 shall contain a narrative consideration for reducing the volume of runoff from concrete batch plants by diverting runoff or otherwise managing runoff, including use of infiltration, detention ponds, retention ponds, or reusing of runoff.
3. Comprehensive Compliance Evaluation – At least once per year, one or more qualified personnel (i.e., a person or persons with knowledge of this general permit, the concrete batch plant, and the SWP3 related to the concrete batch plant(s) for the site) shall conduct a compliance evaluation of the plant. The evaluation must include the following.
- (a) Visual examination of all areas draining storm water associated with regulated concrete batch plants for evidence of, or the potential for, pollutants entering the drainage system. These include but are not limited to: cleaning areas, material handling areas, above ground storage tanks, hoppers or silos, dust collection/containment systems, and truck wash down and equipment cleaning areas. Measures implemented to reduce pollutants in runoff (including structural controls and implementation of management practices) must be evaluated to determine if they are effective and if they are implemented in accordance with the terms of this permit

and with the permittee's SWP3. The operator shall conduct a visual inspection of equipment needed to implement the SWP3, such as spill response equipment.

- (b) Based on the results of the evaluation, the following must be revised as appropriate within two weeks of the evaluation: the description of potential pollutant sources identified in the SWP3 (as required in Part IV.B.1., "Description of Potential Pollutant Sources"); and pollution prevention measures and controls identified in the SWP3 (as required in Part IV.B.2., "Measures and Controls"). The revisions may include a schedule for implementing the necessary changes.
- (c) The permittee shall prepare and include in the SWP3 a report summarizing the scope of the evaluation, the personnel making the evaluation, the date(s) of the evaluation, major observations relating to the implementation of the SWP3, and actions taken in response to the findings of the evaluation. The report must identify any incidents of noncompliance. Where the report does not identify incidences of noncompliance, the report must contain a statement that the evaluation did not identify any incidence(s), and the report must be signed according to 30 TAC Section 305.128, relating to Signatories to Reports.
- (d) The Comprehensive Compliance Evaluation may substitute for one of the required inspections delineated in Part IV.B.2.(c) of this general permit.

Section C. Prohibition of Wastewater Discharges

Wastewater discharges associated with concrete production including wastewater disposal by land application are not authorized under this general permit. These wastewater discharges must be authorized under an alternative TCEQ water quality permit or otherwise disposed of in an authorized manner. Discharges of concrete truck washout at construction sites may be authorized if conducted in accordance with the requirements of Part V of this general permit.

Part V. Concrete Truck Wash Out Requirements

This general permit authorizes the wash out of concrete trucks at construction sites regulated under Sections II.E.1., 2., and 3. of this general permit, provided the following requirements are met. Authorization is limited to the land disposal of wash out water from concrete trucks that are associated with off-site production facilities. Wash out water associated with on-site concrete production facilities must be authorized under a separate TCEQ general permit or individual permit.

1. Direct discharge of concrete truck wash out water to surface water in the state, including discharge to storm sewers, is prohibited by this general permit.
2. Concrete truck wash out water shall be discharged to areas at the construction site where structural controls have been established to prevent direct discharge to surface waters, or to areas that have a minimal slope that allow infiltration and filtering of wash out water to prevent direct discharge to surface waters. Structural controls may consist of temporary berms, temporary shallow pits, temporary storage tanks with slow rate release, or other reasonable measures to prevent runoff from the construction site.
3. Wash out of concrete trucks during rainfall events shall be minimized. The direct discharge

- of concrete truck wash out water is prohibited at all times, and the operator shall insure that its BMPs are sufficient to prevent the discharge of concrete truck washout as the result of rain.
4. The discharge of wash out water shall not cause or contribute to groundwater contamination.
 5. If a SWP3 is required to be implemented, the SWP3 shall include concrete wash out areas on the associated map.

Part VI. Retention of Records

The permittee must retain the following records for a minimum period of three (3) years from the date that a NOT is submitted as required by Part II.E.3. For activities in which an NOT is not required, records shall be retained for a minimum period of three (3) years from the date that the operator terminates coverage under Section II.F.3. of this permit. Records include:

1. A copy of the SWP3;
2. All reports and actions required by this permit, including a copy of the construction site notice;
3. All data used to complete the NOI, if an NOI is required for coverage under this general permit; and
4. All records of submittal of forms submitted to the operator of any MS4 receiving the discharge and to the secondary operator of a large construction site, if applicable.

Part VII. Standard Permit Conditions

1. The permittee has a duty to comply with all permit conditions. Failure to comply with any permit condition is a violation of the permit and statutes under which it was issued, and is grounds for enforcement action, for terminating coverage under this general permit, or for requiring a discharger to apply for and obtain an individual TPDES permit.
2. Authorization under this general permit may be suspended or revoked for cause. Filing a notice of planned changes or anticipated non-compliance by the permittee does not stay any permit condition. The permittee must furnish to the executive director, upon request and within a reasonable time, any information necessary for the executive director to determine whether cause exists for revoking, suspending, or terminating authorization under this permit. Additionally, the permittee must provide to the executive director, upon request, copies of all records that the permittee is required to maintain as a condition of this general permit.
3. It is not a defense for a discharger in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the permit conditions.
4. Inspection and entry shall be allowed under Texas Water Code Chapters 26-28, Texas Health and Safety Code §§361.032-361.033 and 361.037, and 40 Code of Federal Regulations (CFR) §122.41(i). The statement in Texas Water Code §26.014 that commission entry of a facility shall occur according to an establishment's rules and regulations concerning safety, internal security, and

fire protection is not grounds for denial or restriction of entry to any part of the facility or site, but merely describes the commission's duty to observe appropriate rules and regulations during an inspection.

5. The discharger is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§26.136, 26.212, and 26.213 for violations including but not limited to the following:
 - a. negligently or knowingly violating the federal Clean Water Act (CWA), §§301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under CWA, §402, or any requirement imposed in a pretreatment program approved under CWA, §§402(a)(3) or 402(b)(8);
 - b. knowingly making any false statement, representation, or certification in any record or other document submitted or required to be maintained under a permit, including monitoring reports or reports of compliance or noncompliance.
6. All reports and other information requested by the executive director must be signed by the person and in the manner required by 30 TAC §305.128 (relating to Signatories to Reports).
7. Authorization under this general permit does not convey property or water rights of any sort and does not grant any exclusive privilege.

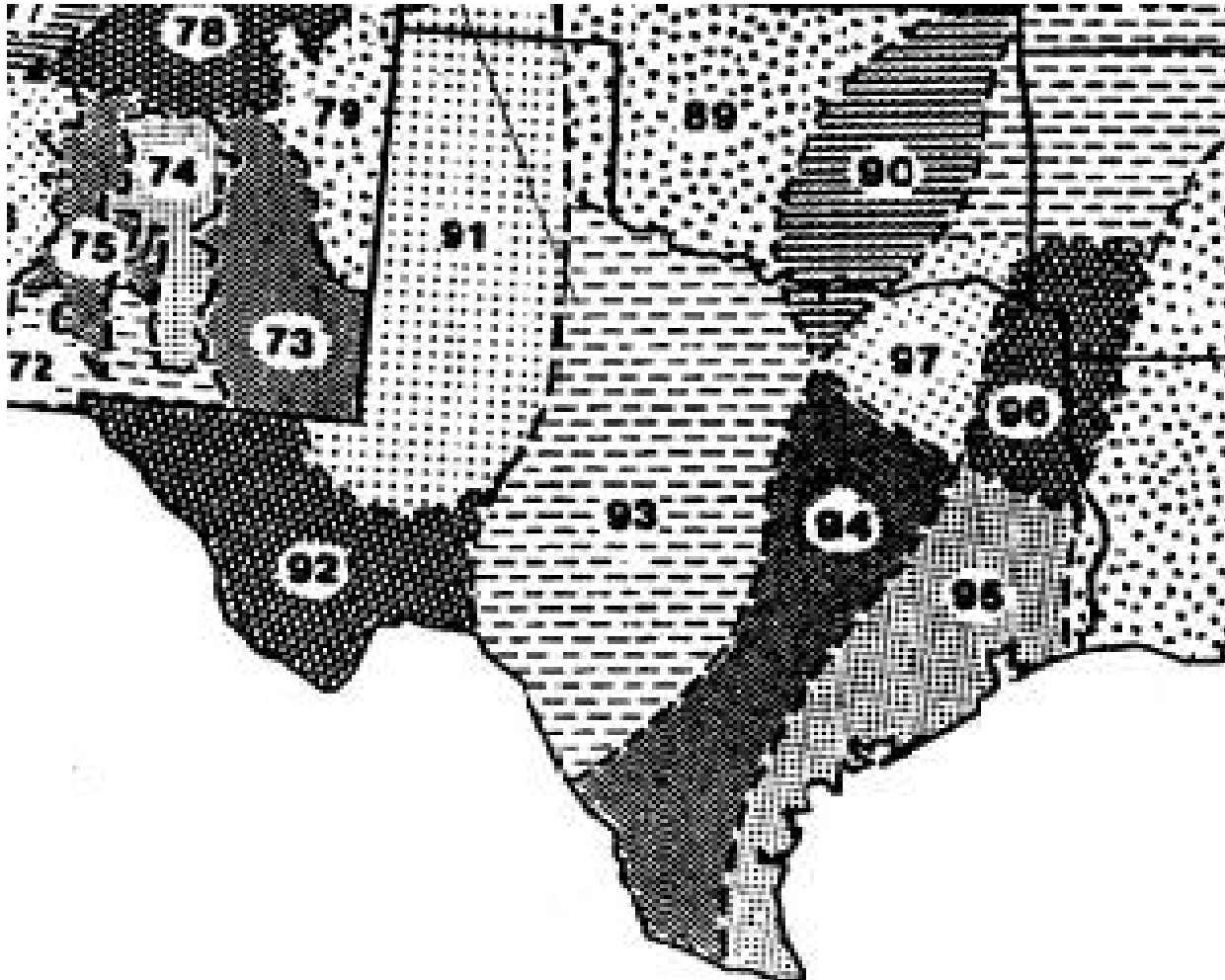
Part VIII. Fees

1. A fee of must be submitted along with the NOI:
 - a. \$325 if submitting a paper NOI, or
 - b. \$225 if submitting a NOI electronically.
2. Fees are due upon submission of the NOI. An NOI will not be declared administratively complete unless the associated fee has been paid in full.
3. No separate annual fees will be assessed. The Water Quality Annual fee has been incorporated into the NOI fees as described above.

Appendix A: Automatic Authorization
Periods of Low Erosion Potential by County – Eligible Date Ranges

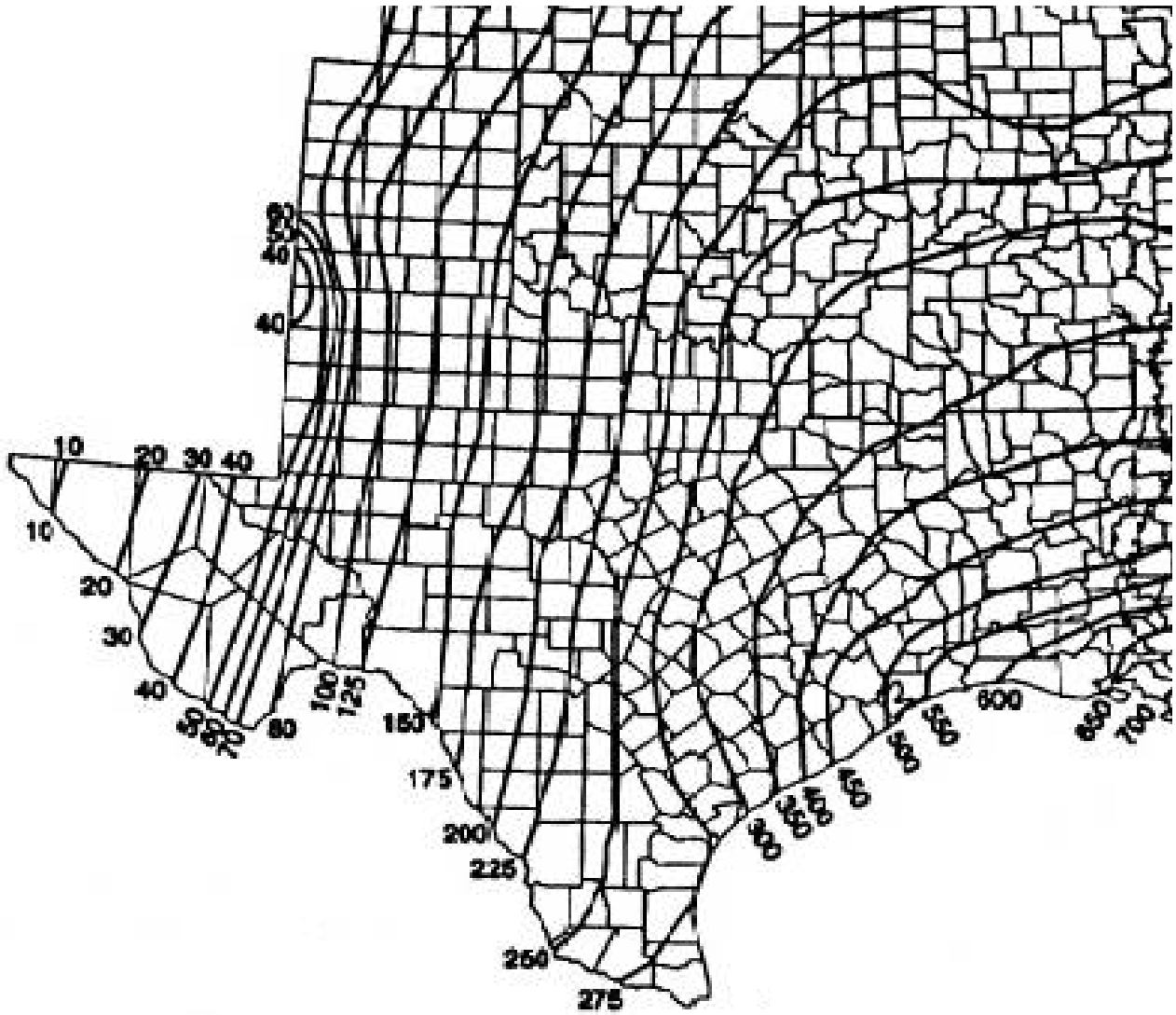
Andrews: Nov. 15 - Apr. 30	Kerr: Dec. 15 - Feb. 14
Archer: Dec. 15 - Feb. 14	Kimble: Dec. 15 - Feb. 14
Armstrong: Nov. 15 - Apr. 30	King: Dec. 15 - Feb. 14
Bailey: Nov. 1 - Apr. 30, or Nov. 15 - May 14	Kinney: Dec. 15 - Feb. 14
Baylor: Dec. 15 - Feb. 14	Knox: Dec. 15 - Feb. 14
Borden: Nov. 15 - Apr. 30	Lamb: Nov. 1 - Apr. 14, or Nov. 15 - Apr. 30
Brewster: Nov. 15 - Apr. 30	Loving: Nov. 1 - Apr. 30, or Nov. 15 - May 14
Briscoe: Nov. 15 - Apr. 30	Lubbock: Nov. 15 - Apr. 30
Brown: Dec. 15 - Feb. 14	Lynn: Nov. 15 - Apr. 30
Callahan: Dec. 15 - Feb. 14	Martin: Nov. 15 - Apr. 30
Carson: Nov. 15 - Apr. 30	Mason: Dec. 15 - Feb. 14
Castro: Nov. 15 - Apr. 30	Maverick: Dec. 15 - Feb. 14
Childress: Dec. 15 - Feb. 14	McCulloch: Dec. 15 - Feb. 14
Cochran: Nov. 1 - Apr. 30, or Nov. 15 - May 14	Menard: Dec. 15 - Feb. 14
Coke: Dec. 15 - Feb. 14	Midland: Nov. 15 - Apr. 30
Coleman: Dec. 15 - Feb. 14	Mitchell: Nov. 15 - Apr. 30
Collingsworth: Jan. 1 - Mar. 30, or Dec. 1 - Feb. 28	Moore: Nov. 15 - Apr. 30
Concho: Dec. 15 - Feb. 14	Motley: Nov. 15 - Jan. 14, or Feb. 1 - Mar. 30
Cottle: Dec. 15 - Feb. 14	Nolan: Dec. 15 - Feb. 14
Crane: Nov. 15 - Apr. 30	Oldham: Nov. 15 - Apr. 30
Crockett: Nov. 15 - Jan. 14, or Feb. 1 - Mar. 30	Parmer: Nov. 1 - Apr. 14, or Nov. 15 - Apr. 30
Crosby: Nov. 15 - Apr. 30	Pecos: Nov. 15 - Apr. 30
Culberson: Nov. 1 - May 14	Potter: Nov. 15 - Apr. 30
Dallam: Nov. 1 - Apr. 14, or Nov. 15 - Apr. 30	Presidio: Nov. 1 - Apr. 30, or Nov. 15 - May 14
Dawson: Nov. 15 - Apr. 30	Randall: Nov. 15 - Apr. 30
Deaf Smith: Nov. 15 - Apr. 30	Reagan: Nov. 15 - Apr. 30
Dickens: Nov. 15 - Jan. 14, or Feb. 1 - Mar. 30	Real: Dec. 15 - Feb. 14
Dimmit: Dec. 15 - Feb. 14	Reeves: Nov. 1 - Apr. 30, or Nov. 15 - May 14
Donley: Jan. 1 - Mar. 30, or Dec. 1 - Feb. 28	Runnels: Dec. 15 - Feb. 14
Eastland: Dec. 15 - Feb. 14	Schleicher: Dec. 15 - Feb. 14
Ector: Nov. 15 - Apr. 30	Scurry: Nov. 15 - Apr. 30
Edwards: Dec. 15 - Feb. 14	Shackelford: Dec. 15 - Feb. 14
El Paso: Jan. 1 - Jul. 14, or May 15 - Jul. 31, or Jun. 1 - Aug. 14, or Jun. 15 - Sept. 14, or Jul. 1 - Oct. 14, or Jul. 15 - Oct. 31, or Aug. 1 - Apr. 30, or Aug. 15 - May 14, or Sept. 1 - May 30, or Oct. 1 - Jun. 14, or Nov. 1 - Jun. 30, or Nov. 15 - Jul. 14	Sherman: Nov. 15 - Apr. 30
Fisher: Dec. 15 - Feb. 14	Stephens: Dec. 15 - Feb. 14
Floyd: Nov. 15 - Apr. 30	Sterling: Nov. 15 - Apr. 30
Foard: Dec. 15 - Feb. 14	Stonewall: Dec. 15 - Feb. 14
Gaines: Nov. 15 - Apr. 30	Sutton: Dec. 15 - Feb. 14
Garza: Nov. 15 - Apr. 30	Swisher: Nov. 15 - Apr. 30
Glasscock: Nov. 15 - Apr. 30	Taylor: Dec. 15 - Feb. 14
Hale: Nov. 15 - Apr. 30	Terrell: Nov. 15 - Apr. 30
Hall: Feb. 1 - Mar. 30	Terry: Nov. 15 - Apr. 30
Hansford: Nov. 15 - Apr. 30	Throckmorton: Dec. 15 - Feb. 14
Hardeman: Dec. 15 - Feb. 14	Tom Green: Dec. 15 - Feb. 14
Hartley: Nov. 15 - Apr. 30	Upton: Nov. 15 - Apr. 30
Haskell: Dec. 15 - Feb. 14	Uvalde: Dec. 15 - Feb. 14
Hockley: Nov. 1 - Apr. 14, or Nov. 15 - Apr. 30	Val Verde: Nov. 15 - Jan. 14, or Feb. 1 - Mar. 30
Howard: Nov. 15 - Apr. 30	Ward: Nov. 1 - Apr. 14, or Nov. 15 - Apr. 30
Hudspeth: Nov. 1 - May 14	Wichita: Dec. 15 - Feb. 14
Hutchinson: Nov. 15 - Apr. 30	Wilbarger: Dec. 15 - Feb. 14
Irion: Dec. 15 - Feb. 14	Winkler: Nov. 1 - Apr. 30, or Nov. 15 - May 14
Jeff Davis: Nov. 1 - Apr. 30 or Nov. 15 - May 14	Yoakum: Nov. 1 - Apr. 30, or Nov. 15 - May 14
Jones: Dec. 15 - Feb. 14	Young: Dec. 15 - Feb. 14
Kent: Nov. 15 - Jan. 14 or Feb. 1 - Mar. 30	Wheeler: Jan. 1 - Mar. 30, or Dec. 1 - Feb. 28
	Zavala: Dec. 15 - Feb. 14

**Appendix B:
Erosivity Index (EI) Zones in Texas**



Adapted from Chapter 2 of USDA Agriculture Handbook 703: "Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal Soil Loss Equation (RUSLE)," U.S. Department of Agriculture, Agricultural Research Service

Appendix C: Isoerodent Map



Adapted from Chapter 2 of USDA Agriculture Handbook 703: "Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal Soil Loss Equation (RUSLE)," U.S. Department of Agriculture, Agricultural Research Service

Appendix D: Erosivity Indices for EI Zones in Texas

Periods:

	1/1	1/15	2/1	2/15	3/1	3/15	4/1	4/15	5/1	5/15	6/1	6/15	7/1	7/15	8/1	8/15	9/1	9/15	10/1	10/15	11/1	11/15	12/1	12/15
89	0	0	1	1	2	3	4	7	12	18	27	38	48	55	62	69	76	83	90	94	97	98	99	100
90	0	1	2	3	4	6	8	13	21	29	37	46	54	60	65	69	74	81	87	92	95	97	98	99
91	0	0	0	0	1	1	1	2	6	16	29	39	46	53	60	67	74	81	88	95	99	99	100	100
92	0	0	0	0	1	1	1	2	6	16	29	39	46	53	60	67	74	81	88	95	99	99	100	100
93	0	1	1	2	3	4	6	8	13	25	40	49	56	62	67	72	76	80	85	91	97	98	99	99
94	0	1	2	4	6	8	10	15	21	29	38	47	53	57	61	65	70	76	83	88	91	94	96	98
95	0	1	3	5	7	9	11	14	18	27	35	41	46	51	57	62	68	73	79	84	89	93	96	98
96	0	2	4	6	9	12	17	23	30	37	43	49	54	58	62	66	70	74	78	82	86	90	94	97
97	0	1	3	5	7	10	14	20	28	37	48	56	61	64	68	72	77	81	86	89	92	95	98	99
106	0	3	6	9	13	17	21	27	33	38	44	49	55	61	67	71	75	78	81	84	86	90	94	97

* Each period begins on the date listed in the table above and lasts until the day before the following period. The final period begins on December 15 and ends on December 31.

Table adapted from Chapter 2 of USDA Agriculture Handbook 703: "Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal Soil Loss Equation (RUSLE)," U.S. Department of Agriculture, Agricultural Research Service

Attachment 1



**SMALL CONSTRUCTION SITE NOTICE:
LOW POTENTIAL FOR EROSION
FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program
TPDES GENERAL PERMIT TXR150000**

The following information is posted in compliance with **Part II.E.1.** of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from small construction sites automatically authorized based on low rainfall erosivity. Additional information regarding the TCEQ storm water permit program may be found on the internet at:
http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Operator Name:	
Contact Name and Phone Number:	
Project Description: (Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)	

For Small Construction Sites Authorized Under Part II.E.1., the following certification must be completed:

I _____ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an automatic authorization based on low rainfall erosivity under Part II.E.1. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. Construction activities at this site shall occur within a time period listed in Appendix A of the TPDES general permit for this county, that period beginning on _____ and ending on _____. I understand that if construction activities continue past this period, all storm water runoff must be authorized under a separate provision of the general permit. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title _____ Date _____

Date Notice Removed
MS4 operator notified per Part II.F.3.

SMALL CONSTRUCTION SITE NOTICE

**FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program
TPDES GENERAL PERMIT TXR150000**

The following information is posted in compliance with **Part II.E.2.** of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from small construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at:
http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Operator Name:	
Contact Name and Phone Number:	
Project Description: <i>Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized</i>	
Location of Storm Water Pollution Prevention Plan:	

For Small Construction Activities Authorized Under Part II.E.2. (Obtaining Authorization to Discharge) the following certification must be completed:

I _____ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.D.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title _____ Date _____

_____ Date Notice Removed
_____ MS4 operator notified per Part II.F.3.

Attachment 3



LARGE CONSTRUCTION SITE NOTICE

FOR THE
 Texas Commission on Environmental Quality (TCEQ)
 Storm Water Program
TPDES GENERAL PERMIT TXR150000
“SECONDARY OPERATOR” NOTICE

This notice applies to secondary operators of construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.E.2. of the general permit. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/sw_permits.html

Site-Specific TPDES Authorization Number:	
Operator Name:	
Contact Name and Phone Number:	
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	
Location of Storm Water Pollution Prevention Plan (SWP3):	

For Large Construction Activities Authorized Under Part II.E.3. (Obtaining Authorization to Discharge) the following certification must be completed:

I _____ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title _____ Date _____

_____ *Date Notice Removed*
 _____ *MS4 operator notified per Part II.F.3.*

Attachment 4



LARGE CONSTRUCTION SITE NOTICE

FOR THE
 Texas Commission on Environmental Quality (TCEQ)
 Storm Water Program
TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.E.2. of the general permit. This notice shall be posted along with a copy of the signed Notice of Intent (NOI), as applicable. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/sw_permits.html

Site-Specific TPDES Authorization Number:	
Operator Name:	
Contact Name and Phone Number:	
Project Description: <i>Physical address or description of the site’s location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	
Location of Storm Water Pollution Prevention Plan:	

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CoSA Standard Specifications for Public Works Construction (Latest Edition)

SAWS Specifications for Water and Sanitary Sewer Construction (Latest Edition)

TxDOT Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges
(Latest Edition)

BID PROPOSAL

PROPOSAL OF _____

A corporation _____

A partnership consisting of _____

An individual doing business as _____

THE SAN ANTONIO WATER SYSTEM

Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the construction of pipelines and appurtenances, San Antonio Water System Job Number 11-2504 in accordance with the Plans and Specifications for the following prices to wit:

ITEM NO.	DESCRIPTION & ESTIMATED QUANTITIES (Unit Price to be written in words)	UNIT	QTY	UNIT PRICE (Figures)	TOTAL PRICE (Figures)
1.	Erosion & Sedimentation Controls _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
2.	Trench Excavation Safety Protection _____ Dollars _____ Cents	LF	32,017	\$ _____	\$ _____
3.	Revegetation _____ Dollars _____ Cents	SY	163,779	\$ _____	\$ _____
4.	66" FRP (all depths) _____ Dollars _____ Cents	LF	31,429	\$ _____	\$ _____
5.	66" Tee Base MH _____ Dollars _____ Cents	EA	1	\$ _____	\$ _____
6.	66" Tee Base MH, Miter _____ Dollars _____ Cents	EA	8	\$ _____	\$ _____

ITEM NO.	DESCRIPTION & ESTIMATED QUANTITIES (Unit Price to be written in words)	UNIT	QTY	UNIT PRICE (Figures)	TOTAL PRICE (Figures)
16.	Downstream Siphon Structure No.3 _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
17.	Upstream Siphon Structure No. 3 _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
18.	12" FRP for Siphon No.3 _____ Dollars _____ Cents	LF	280	\$ _____	\$ _____
19.	36" FRP for Siphon No.3 _____ Dollars _____ Cents	LF	280	\$ _____	\$ _____
20.	42" FRP for Siphon No.3 _____ Dollars _____ Cents	LF	280	\$ _____	\$ _____
21.	30" HDPE (Air By-Pass Pipe) _____ Dollars _____ Cents	LF	308	\$ _____	\$ _____
22.	Air Bypass Manhole (FRP) _____ Dollars _____ Cents	EA	2	\$ _____	\$ _____
23.	Remove and Replace Existing Gravel Roads _____ Dollars _____ Cents	SY	160	\$ _____	\$ _____
24.	Remove and Replace Existing Asphalt Pavement _____ Dollars _____ Cents	SY	261	\$ _____	\$ _____

ITEM NO.	DESCRIPTION & ESTIMATED QUANTITIES (Unit Price to be written in words)	UNIT	QTY	UNIT PRICE (Figures)	TOTAL PRICE (Figures)
25.	Concrete Cap _____ Dollars _____ Cents	LF	456	\$ _____	\$ _____
26.	Concrete Encasement _____ Dollars _____ Cents	LF	550	\$ _____	\$ _____
27.	Tree Protection _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
28.	Connection to MRSO Segment 2 _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
29.	Connection to MRSO Segment 4 _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$ _____
30.	Gravity Sewer Outfall Testing _____ Dollars _____ Cents	LF	31,954	\$ _____	\$ _____
31.	Disputes Review Board _____ Dollars _____ Cents	LS	1	\$XXXXXXXX	\$30,000.00

LINE ITEM "A"

SUB TOTAL BASE BID

\$ _____

DOLLARS AND

CENTS

32.	Mobilization _____ Percent (Maximum of 5% of the <u>Line Item "A"</u> Sub-total Base Bid amount)	LS	1	\$XXXXXXXX	\$ _____
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Job No. 11-2504
 Medina River Sewer Outfall, Segment 3
 Solicitation No. B-11-028-DD

ITEM NO.	DESCRIPTION & ESTIMATED QUANTITIES (Unit Price to be written in words)	UNIT	QTY	UNIT PRICE (Figures)	TOTAL PRICE (Figures)
----------	---	------	-----	-------------------------	--------------------------

LINE ITEM "B"

MOBILIZATION SUB TOTAL \$ _____
DOLLARS AND
CENTS

Note: Mobilization lump sum bid amount shall be limited to a maximum of 5% of the Sub-total base bid amount. **In the event of a discrepancy between the written percentage and dollar amount shown for the Mobilization bid item the written percentage will govern. If the percentage written exceeds the allowable maximum stated for mobilization, SAWS reserves the right to cap the amount at the percentage shown and adjust the extension of the bid item accordingly.**

TOTAL BID AMOUNT \$ _____
 (LINE ITEM "A" + LINE ITEM "B")
DOLLARS AND
CENTS

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO./FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following

Addendum No. _____	Dated _____	Signed: _____
Addendum No. _____	Dated _____	Signed: _____
Addendum No. _____	Dated _____	Signed: _____
Addendum No. _____	Dated _____	Signed: _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project with 540 calendar days after the start date, as set forth in the Authorization to Proceed. The Bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the Project if not completed on time.

Complete the additional requirements of the Proposal which are included on the following pages.

PROPOSAL CERTIFICATION

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check on a State or National Bank payable to the Order of the San Antonio Water System for _____ dollars (\$ _____), which amount represents five percent (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within 10 calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within 60 calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within 10 calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the Owner will provide written Authorization to Proceed within 30 days after the award of the Contract.

The Contractor hereby agrees to commence work under this Contract within seven (7) calendar days after issuance by the SAWS of the written Authorization to Proceed. Under no circumstances shall the work commence prior to Contractor's receipt of SAWS issued, written Authorization to Proceed. Work shall be completed in full within ___ consecutive calendar days.

The undersigned certifies that the bid prices contained in the proposal have been carefully checked and are submitted as correct and final.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed: _____
Company Representative

Company Name

Address

Please return bidder's check to:

Company Name

Address

BID PROPOSAL CHECKLIST:
Medina River Sewer Outfall – Segment 3 Project
SAWS Job No. 11-2504
Solicitation No. B-11-028-DD

Mandatory items to be submitted with the Bid Packet for the above-referenced project:

- Bid proposal (BP-1 through BP-6)
- Bid Proposal Certification (BP-7)
- Bid Bond
- Signed page(s) of Addendum(s)
- Good Faith Effort Plan (*revised 9/28/11*)
- Conflict of Interest Questionnaire (Form CIQ)
- Signed W-9
- Letter of Insurance Verification and/or sample Certificate of Insurance verifying insurance coverage
- Bidder's Certifications (TWDB Form WRD-255)
- Vendor Compliance with Reciprocity on Non-Resident Bidders (TWDB Form WRD-259)
- Financial Statement prepared within the last twelve months by an independent Certified Public Accountant (per Supplementary Conditions, page SS-1)
- Company Information Packet (per Supplementary Conditions, page SS-1)
- Prepared statement regarding ability to complete project (per Supplementary Conditions, page SS-1)
- Statement of Bidder's Experience (Attachment A)/Record of Performance on three (3) similar projects in the last five (5) years (per Supplementary Conditions, page SS-1)
- Attachment D – Geotechnical Data Report and Geotechnical Baseline Report Acknowledgement Form
- Attachment E – Escrow Bid Documents Acknowledgement Form

Items to be submitted with Awarded Contract:

1. Contractor's Act of Assurance (TWDB Form ED-103)
2. Contractor's Resolution (TWDB Form ED-104)

SECTION B. – SMWB COMMITMENTS

The SMWB goal on this project is 17 %

1. The undersigned proposer has satisfied the requirements of the BID specification in the following manner (please check the appropriate space):

_____ The proposer is committed to a minimum of 17 % SMWB utilization on this contract.

_____ The proposer, (if unable to meet the SMWB goal of 17%), is committed to a minimum of _____% SMWB utilization on this contract. *(If contractor is unable to meet the goal, please fill out Section C and submit documentation demonstrating good faith efforts).*

2. Name and phone number of person appointed to coordinate and administer the SMWB requirements on this project.

Name: _____

Title: _____

Phone Number: _____

IF THE SMWB GOAL WAS MET, PROCEED TO AFFIRMATION AND SIGN THE GFEP. IF GOAL WAS NOT MET, PROCEED TO SECTION C.

SECTION C – GOOD FAITH EFFORTS (Fill out only if the SMWB goal was not achieved).

1. List all firms you contacted with subcontracting/supply opportunities for this project that will not be utilized for the contract by choice of the proposer, subcontractor, or supplier. Written notices to firms contacted by the proposer for specific scopes of work identified for subcontracting/supply opportunities must be provided to subcontractor/supplier **not less than five (5) business days prior to bid/proposal due date**. The following information is required for all firms that were contacted of subcontracting/supply opportunities.

Name & Address of Company	Scope of Work/Supplies to be Performed/Provided by Firm	Is Firm SMWB Certified?	Date Written Notice was Sent & Method (Fax, Letter, E-Mail, etc.)	Reason Agreement was not reached?
1.				
2.				
3.				
4.				
5.				
6.				
7.				

(Use additional sheets as needed)

In order to verify a proposer's good faith efforts, please provide to SAWS copies of the written notices to all firms contacted by the proposer for specific scopes of work identified in relation to the subcontracting/supply opportunities in the above named project. Copies of said notices must be provided to the SMWB Program Manager within five (5) business days after the response is due. Such notices shall include information on the plans, specifications, and scope of work.

2. Did you attend the pre-bid conference scheduled for this project? ____ Yes ____ No

3. List all SMWB listings or directories, contractor associations, and/or any other associations utilized to solicit SMWB Subcontractors/suppliers.

4. Discuss efforts made to define additional elements of the work proposed to be performed by SMWBs in order to increase the likelihood of achieving the goal:

5. Indicate advertisement mediums used for soliciting bids from SMWBs. (Please attach a copy of the advertisement(s):

AFFIRMATION

I hereby affirm that the above information is true and complete to the best of my knowledge. I further understand and agree that, this document shall be attached thereto and become a binding part of the contract.

Name and Title of Authorized Official:

Name: _____

Title: _____

Signature: _____ Date: _____

NOTE:

This Good Faith Effort Plan is reviewed by SAWS Contracting Department. For questions and/or clarifications, please contact Marisol V. Robles, SMWB Manager, at 210-233-3420.

DEFINITIONS:

Prime Consultant/Contractor: Any person, firm partnership, corporation, association or joint venture which has been awarded a San Antonio Water System contract.

Subconsultants/contractor: Any named person, firm partnership, corporation, association or joint venture identified as providing work, labor, services, supplies, equipment, materials or any combination of the foregoing under contract with a prime consultant/contractor on a San Antonio Water System contract.

Small, Minority and Woman Business (SMWB): All business structures Certified by the Small Business Administration, Texas State Comptroller's Office, or the South Central Texas Regional Certification Agency that are 51% owned, operated, and controlled by a Small Business Enterprise, a Minority Business Enterprise, or a Woman-owned Business Enterprise.

Small Business Enterprise (SBE): A business structure that is Certified by the Small Business Administration, Texas State Comptroller's Office or the South Central Texas Regional Certification Agency as being 51% owned, operated and controlled by someone who is legally residing in or a citizen of the United States, and the business structure meets the U.S. Small Business Administration's (SBA) size standard for a small business within the appropriate industry category

Minority Business Enterprise (MBE): A business structure that is Certified by the Small Business Administration, Texas State Comptroller's Office or the South Central Texas Regional Certification Agency as being 51% owned, operated, and controlled by an ethnic minority group member(s) who is legally residing in or a citizen of the United States. For purposes of the SMWB program, the following are recognized as minority groups:

- a. **African American** – Persons having origins in any of the black racial groups of Africa as well as those identified as Jamaican, Trinidadian or West Indian.
- b. **Hispanic American** – Persons of Mexican, Puerto Rican, Cuban, Spanish or Central or South American origin.
- c. **Asian-Pacific American** – Persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands.
- d. **Asian-Indian American** – Persons whose origins are from India, Pakistan, Bangladesh or Sri Lanka.
- e. **American Indian/Native American** – Persons having no less than 1/16 percentage origin in any of the American Indian Tribes, as recognized by the U.S. Department of the Interior's Bureau of Indian Affairs and as demonstrated by possession of personal tribal role documents.

Women Business Enterprise (WBE): A business structure that is Certified by the Small Business Administration, Texas State Comptroller's Office or the South Central Texas Regional Certification Agency as being 51% owned, operated and controlled by a woman or women who are legally residing in or citizens of the United States.

African American Business Enterprise (AABE): A business structure that is Certified by the Small Business Administration, Texas State Comptroller's Office or the South Central Texas Regional Certification Agency as being 51% owned, operated and controlled by African American minority group member(s) who are legally residing in or are citizens of the United States.

Joint Venture: A limited association of two or more persons to carry out a single business enterprise for profit, for which purpose they combine their property, money, efforts, skills and knowledge.

Contractor's Payment to Sub-Contractors:

The contractor will be required to report the actual payments to all subcontractors, utilizing the Sub-contracting Payment and Utilization Reporting (S.P.U.R.) System, in the time intervals and format prescribed by SAWS. This information will be utilized for SMWB participation tracking purposes. Any unjustified failure to comply with the committed SWMB levels may be considered breach of contract.

Web Submittal of Subcontractor Payment Reports:

The Contractor is required to electronically submit monthly subcontractor payment information utilizing the Sub-contracting Payment and Utilization Reporting (S.P.U.R.) System, beginning with the first SAWS payment for services under the contract, and with every payment thereafter (for the duration of the contract).

Electronic submittal of monthly subcontractor payment information will be accessed through a link on SAWS' "Business Center" web page.

The Contractor and all subcontractors will be provided a unique log-in credential and password to access the SAWS subcontractor payment reporting system. The link may also be accessed through the following internet address: <https://saws.smwbe.com/>

TLS, have you transmitted all R text files for this cycle update?

I.R.S. SPECIFICATIONS TO BE REMOVED BEFORE PRINTING
INSTRUCTIONS TO PRINTERS
 FORM W-9, PAGE 1 of 4
 MARGINS: TOP 13mm (1/2"), CENTER SIDES. PRINTS: HEAD to HEAD
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 PERFORATE: (NONE)
DO NOT PRINT — DO NOT PRINT — DO NOT PRINT — DO NOT PRINT

Action	Date	Signature
O.K. to print		
Revised proofs requested		

Date _____

Form **W-9**
 (Rev. October 2004)
 Department of the Treasury
 Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type See Specific Instructions on page 2.

Name (as reported on your income tax return) _____

Business name, if different from above _____

Check appropriate box: Individual/Sole proprietor Corporation Partnership Other ▶ _____ Exempt from backup withholding

Address (number, street, and apt. or suite no.) _____ Requester's name and address (optional) _____

City, state, and ZIP code _____

List account number(s) here (optional) _____

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number								
or								
Employer identification number								

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. person (including a U.S. resident alien).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)

Sign Here Signature of U.S. person ▶ _____ Date ▶ _____

Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

For federal tax purposes you are considered a person if you are:

- an individual who is a citizen or resident of the United States,
- a partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or

- any estate (other than a foreign estate) or trust. See Regulation section 301.7701-6(a) for additional information.

Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the recipient has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement that specifies the following five items:

- The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
- The treaty article addressing the income.
- The article number (or location) in the tax treaty that contains the saving clause and its exceptions.

I.R.S. SPECIFICATIONS TO BE REMOVED BEFORE PRINTING

INSTRUCTIONS TO PRINTERS

FORM W-9, PAGE 2 of 4

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FLAT SIZE: 216 mm (8½") × 279 mm (11")

PERFORATE: (NONE)

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4. The type and amount of income that qualifies for the exemption from tax.

5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity not subject to backup withholding, give the requester the appropriate completed Form W-8.

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments (after December 31, 2002). This is called "backup withholding." Payments that may be subject to backup withholding include interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester, or
2. You do not certify your TIN when required (see the Part II instructions on page 4 for details), or
3. The IRS tells the requester that you furnished an incorrect TIN, or
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See the instructions below and the separate Instructions for the Requester of Form W-9.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of Federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your social security card. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form.

Sole proprietor. Enter your individual name as shown on your social security card on the "Name" line. You may enter your business, trade, or "doing business as (DBA)" name on the "Business name" line.

Limited liability company (LLC). If you are a single-member LLC (including a foreign LLC with a domestic owner) that is disregarded as an entity separate from its owner under Treasury regulations section 301.7701-3, enter the owner's name on the "Name" line. Enter the LLC's name on the "Business name" line. Check the appropriate box for your filing status (sole proprietor, corporation, etc.), then check the box for "Other" and enter "LLC" in the space provided.

Other entities. Enter your business name as shown on required Federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name" line.

Note. You are requested to check the appropriate box for your status (individual/sole proprietor, corporation, etc.).

Exempt From Backup Withholding

If you are exempt, enter your name as described above and check the appropriate box for your status, then check the "Exempt from backup withholding" box in the line following the business name, sign and date the form.

Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends.

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

Exempt payees. Backup withholding is not required on any payments made to the following payees:

1. An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2),

2. The United States or any of its agencies or instrumentalities,

3. A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities,

4. A foreign government or any of its political subdivisions, agencies, or instrumentalities, or

5. An international organization or any of its agencies or instrumentalities.

Other payees that may be exempt from backup withholding include:

6. A corporation,

I.R.S. SPECIFICATIONS TO BE REMOVED BEFORE PRINTING

INSTRUCTIONS TO PRINTERS

FORM W-9, PAGE 3 of 4

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PERFORATE: (NONE)

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7. A foreign central bank of issue,
8. A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States,
9. A futures commission merchant registered with the Commodity Futures Trading Commission,
10. A real estate investment trust,
11. An entity registered at all times during the tax year under the Investment Company Act of 1940,
12. A common trust fund operated by a bank under section 584(a),
13. A financial institution,
14. A middleman known in the investment community as a nominee or custodian, or
15. A trust exempt from tax under section 664 or described in section 4947.

The chart below shows types of payments that may be exempt from backup withholding. The chart applies to the exempt recipients listed above, 1 through 15.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt recipients except for 9
Broker transactions	Exempt recipients 1 through 13. Also, a person registered under the Investment Advisers Act of 1940 who regularly acts as a broker
Barter exchange transactions and patronage dividends	Exempt recipients 1 through 5
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt recipients 1 through 7 ²

¹See Form 1099-MISC, Miscellaneous Income, and its instructions.

²However, the following payments made to a corporation (including gross proceeds paid to an attorney under section 6045(f), even if the attorney is a corporation) and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees; and payments for services paid by a Federal executive agency.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-owner LLC that is disregarded as an entity separate from its owner (see *Limited liability company (LLC)* on page 2), enter your SSN (or EIN, if you have one). If the LLC is a corporation, partnership, etc., enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form on-line at www.socialsecurity.gov/online/ss-5.pdf. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses/ and clicking on Employer ID Numbers under Related Topics. You can get Forms W-7 and SS-4 from the IRS by visiting www.irs.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Writing "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded domestic entity that has a foreign owner must use the appropriate Form W-8.

I.R.S. SPECIFICATIONS TO BE REMOVED BEFORE PRINTING

INSTRUCTIONS TO PRINTERS
 FORM W-9, PAGE 4 of 4
 MARGINS: TOP 13 mm (½"), CENTER SIDES. PRINTS: HEAD to HEAD
 PAPER: WHITE WRITING, SUB. 20. INK: BLACK
 FLAT SIZE: 216 mm (8½") × 279 mm (11")
 PERFORATE: (NONE)

DO NOT PRINT — DO NOT PRINT — DO NOT PRINT — DO NOT PRINT

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, and 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). Exempt recipients, see *Exempt From Backup Withholding* on page 2.

Signature requirements. Complete the certification as indicated in 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
5. Sole proprietorship or single-owner LLC	The owner ³
For this type of account:	Give name and EIN of:
6. Sole proprietorship or single-owner LLC	The owner ³
7. A valid trust, estate, or pension trust	Legal entity ⁴
8. Corporate or LLC electing corporate status on Form 8832	The corporation
9. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
10. Partnership or multi-member LLC	The partnership
11. A broker or registered nominee	The broker or nominee
12. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or "DBA" name on the second name line. You may use either your SSN or EIN (if you have one). If you are a sole proprietor, IRS encourages you to use your SSN.

⁴ List first and circle the name of the legal trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, and the District of Columbia to carry out their tax laws. We may also disclose this information to other countries under a tax treaty, or to Federal and state agencies to enforce Federal nontax criminal laws and to combat terrorism. The authority to disclose information to combat terrorism expired on December 31, 2003. Legislation is pending that would reinstate this authority.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer. Certain penalties may also apply.

PLANS

SHEET INDEX

DRAWING NUMBER	SHEET NUMBER	DESCRIPTION
G-00	1	TITLE SHEET
G-01	2	SHEET INDEX, BID QUANTITIES AND LEGEND
G-02	3	GENERAL NOTES
G-03	4	INDEX SHEET
G-04	5	OVERALL SURVEY CONTROL SHEET
G-05	6	PRIMARY HORIZONTAL CONTROL SHEET
G-06	7	PRIMARY HORIZONTAL CONTROL SHEET
G-07	8	PRIMARY HORIZONTAL CONTROL SHEET
G-08	9	PRIMARY VERTICAL CONTROL SHEET
G-09	10	PRIMARY VERTICAL CONTROL SHEET
G-10	11	PRIMARY VERTICAL CONTROL SHEET
PLAN AND PROFILE SHEETS		
C-44	12	STA. 600+13 TO STA. 611+50
C-45	13	STA. 611+50 TO STA. 623+50
C-46	14	STA. 623+50 TO STA. 635+50
C-47	15	STA. 635+50 TO STA. 647+50
C-48	16	STA. 647+50 TO STA. 659+50
C-49	17	STA. 659+50 TO STA. 671+50
C-50	18	STA. 671+50 TO STA. 683+50
C-51	19	STA. 683+50 TO STA. 695+50
C-52	20	STA. 695+50 TO STA. 707+50
C-53	21	STA. 707+50 TO STA. 719+50
C-54	22	STA. 719+50 TO STA. 731+50
C-55	23	STA. 731+50 TO STA. 743+50
C-56	24	STA. 743+50 TO STA. 755+50
C-57	25	STA. 755+50 TO STA. 767+00
C-58	26	STA. 767+00 TO STA. 779+50
C-59	27	STA. 779+50 TO STA. 791+50
C-60	28	STA. 791+50 TO STA. 803+50
C-61	29	STA. 803+50 TO STA. 815+50
C-62	30	STA. 815+50 TO STA. 827+50
C-63	31	STA. 827+50 TO STA. 840+50
C-64	32	STA. 840+50 TO STA. 853+00
C-65	33	STA. 853+00 TO STA. 900+50
C-66	34	STA. 900+50 TO STA. 912+00
C-67	35	STA. 912+00 TO STA. 924+00
C-68	36	STA. 924+00 TO STA. 936+00
C-69	37	STA. 936+00 TO STA. 948+00
C-70	38	STA. 948+00 TO STA. 1000+20
STRUCTURAL SHEETS		
S-21	39	STRUCTURAL GENERAL NOTES
S-22	40	STRUCTURAL DEEP EXCAVATIONS & TEMPORARY SPECIAL SHORING
S-23	41	STRUCTURAL TYPICAL SECTIONS & DETAILS (1 OF 2)
S-24	42	STRUCTURAL TYPICAL SECTIONS & DETAILS (2 OF 2)
S-25	43	INVERTED SIPHON #3 U.S. STRUCTURE
S-26	44	INVERTED SIPHON #3 U.S. SECTION & DETAILS
S-27	45	INVERTED SIPHON #3 D.S. STRUCTURE
S-28	46	INVERTED SIPHON #3 D.S. SECTION & DETAILS
S-29	47	MANHOLE DETAILS

**LEGEND
(EXISTING ITEMS)**

---488---	EXISTING 2' CONTOUR		EXISTING TREE
---490---	EXISTING 10' CONTOUR	---SS---	EXISTING SANITARY SEWER
---x---	EXISTING BARBED WIRE FENCE	---FM---	EXISTING FORCE MAIN
---o---	EXISTING CHAIN LINK FENCE	SS	EXISTING SEWER MANHOLE
---	EXISTING CONCRETE WALL/FENCE	---8"W---	EXISTING 8" POTABLE WATER
o	EXISTING FENCE POST	---12"W---	EXISTING 12" POTABLE WATER
---	PROPERTY LINE	---16"W---	EXISTING 16" POTABLE WATER
---GAS---	EXISTING GAS LINE/PIPELINE	hd	EXISTING FIRE HYDRANT
---OHE---	EXISTING OVERHEAD ELECTRIC		EXISTING BENCHMARK LOCATION
---UFO---	EXISTING UNDERGROUND FIBER OPTIC	---S---	EXISTING SIGN
---TELE---	EXISTING UNDERGROUND TELEPHONE	o-o	EXISTING GUARDRAIL
o	EXISTING POWER POLE	+++++	EXISTING RAILROAD
---	EXISTING DRAINAGE/UTILITY EASEMENT	----	EXISTING ASPHALT/ROAD

DRAWING NUMBER	SHEET NUMBER	DESCRIPTION
DETAIL SHEETS		
D-02	48	CONNECTION DETAILS
D-05	49	INVERTED SIPHON #3 GRADING DETAILS
D-08	50	TYPICAL TRENCH DETAILS
D-09	51	CONCRETE CAP AND ENCASEMENT DETAILS
D-10	52	BORING AND TUNNELING DETAILS
D-11	53	TEE BASE AND DROP MANHOLE DETAILS
D-12	54	MANHOLE SCHEDULE AND MANHOLE DETAILS
D-14	55	MISCELLANEOUS DETAILS
D-15	56	SLUICE GATE DETAILS
D-16	57	FENCING DETAILS
D-17	58	SIPHON #3 DIMENSIONAL DETAILS
TREE PRESERVATION PLAN SHEETS		
T-01	59	TREE PRESERVATION PLAN NOTES AND DETAILS
T-08	60	STA. 515+00 TO STA. 644+00
T-09	61	STA. 644+00 TO STA. 724+00
T-10	62	STA. 724+00 TO STA. 809+00
T-11	63	STA. 809+00 TO STA. 925+00
T-12	64	STA. 925+00 TO STA. 1052+00
NATIVE SEED MIXTURE PLAN SHEETS		
T-30	65	STA. 515+00 TO STA. 644+00
T-31	66	STA. 644+00 TO STA. 724+00
T-32	67	STA. 724+00 TO STA. 809+00
T-33	68	STA. 809+00 TO STA. 925+00
T-34	69	STA. 925+00 TO STA. 1052+00
TRAFFIC CONTROL SHEETS		
TC-01	70	BARRICADE AND CONSTRUCTION STANDARDS - BC(1)-99
TC-02	71	BARRICADE AND CONSTRUCTION STANDARDS - BC(2)-98
TC-03	72	BARRICADE AND CONSTRUCTION STANDARDS - BC(3)-98
TC-04	73	BARRICADE AND CONSTRUCTION STANDARDS - BC(4)-99
TC-05	74	BARRICADE AND CONSTRUCTION STANDARDS - BC(5)-98
TC-06	75	BARRICADE AND CONSTRUCTION STANDARDS - BC(6)-98
TC-07	76	BARRICADE AND CONSTRUCTION STANDARDS - BC(7)-98
TC-08	77	BARRICADE AND CONSTRUCTION STANDARDS - BC(8)-98
TC-09	78	BARRICADE AND CONSTRUCTION STANDARDS - BC(9)-99
TC-10	79	BARRICADE AND CONSTRUCTION STANDARDS - BC(9A)-99
TC-11	80	BARRICADE AND CONSTRUCTION STANDARDS - BC(9B)-98
TC-12	81	BARRICADE AND CONSTRUCTION STANDARDS - BC(9C)-98
TC-13	82	BARRICADE AND CONSTRUCTION STANDARDS - BC-SA(1)-99
TC-14	83	BARRICADE AND CONSTRUCTION STANDARDS - BC-SA(2)-99
TC-15	84	BARRICADE AND CONSTRUCTION STANDARDS - BC-SA(3)-99
TC-16	85	TRAFFIC SIGN MOUNTING AND INSTALLATION DETAILS

BID QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QTY.
1	EROSION & SEDIMENTATION CONTROLS	LS	1
2	TRENCH EXCAVATION SAFETY PROTECTION	LF	32,017
3	REVEGETATION	SY	163,779
4	66" (FRP, SN 72)	LF	31,429
5	66" TEE BASE MH	EA	1
6	66" TEE BASE MH, MITER	EA	8
7	66" TEE BASE MH (DROP)	EA	9
8	66" TEE BASE MH (DROP X2)	EA	2
9	66" TEE BASE MH, MITER (DROP)	EA	30
10	66" TEE BASE MH, MITER (DROP X2)	EA	6
11	TEE BASE MH, 60" RISER EXTRA DEPTH	LF	1015
12	FENCE GATE 16' (TYPE 1)	EA	25
13	REMOVE AND REPLACE FENCING	LF	4,165
14	BORING OR TUNNELING FOR 66" DIA. FRP	LF	525
15	CARRIER PIPE INSTALLED IN STEEL CASING OR STEEL LINER PLATE (66" DIA FRP)	LF	525
16	DOWNSTREAM SIPHON STRUCTURE NO. 3	LS	1
17	UPSTREAM SIPHON STRUCTURE NO. 3	LS	1
18	12" (FRP, SN 72) FOR SIPHON NO. 3	LF	280
19	36" (FRP, SN 72) FOR SIPHON NO. 3	LF	280
20	42" (FRP, SN 72) FOR SIPHON NO. 3	LF	280
21	30" HDPE (AIR BY-PASS PIPE)	LF	308
22	AIR BYPASS MANHOLE (FRP)	EA	2
23	REMOVE AND REPLACE EXISTING GRAVEL ROADS	SY	160
24	REMOVE AND REPLACE EXISTING ASPHALT PAVEMENT	SY	261
25	CONCRETE CAP	LF	456
26	CONCRETE ENCASEMENT	LF	550
27	TREE PROTECTION	LS	1
28	CONNECTION TO MRSD SEGMENT 2	LS	1
29	CONNECTION TO MRSD SEGMENT 4	LS	1
30	GRAVITY SEWER OUTFALL TESTING	LF	31,954

**LEGEND
(PROPOSED ITEMS)**

	PROPOSED GRADING CONTOUR
	PROPOSED SEWER EASEMENT
125+00	PROPOSED SEWER CENTERLINE STATION
	PROPOSED SEWER CENTERLINE
	PROPOSED SEWER PIPE
	PROPOSED SEWER FLOW DIRECTION
	PROPOSED DETAIL REFERENCE (SHEET/ITEM)
	PROPOSED MANHOLE TEE BASE
	PROPOSED DROP MANHOLE LOCATION
	PROPOSED SIPHON STRUCTURE
	PROPOSED CONCRETE ENCASEMENT
	PROPOSED CONCRETE CAP
	PROPOSED CASING
	PROPOSED EROSION CONTROL MAT
	PROPOSED REMOVABLE BOLLARD

**LEGEND
(ABBREVIATIONS)**

FRP	FIBER-REINFORCED PLASTIC PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
PVC	POLYVINYL CHLORIDE PIPE
MH	MANHOLE
SS	SANITARY SEWER
FM	FORCE MAIN
WL	WATER LINE
BM	BENCHMARK
ECM	EROSION CONTROL MAT
ROW	RIGHT OF WAY
DS	DOWNSTREAM
US	UPSTREAM
UPRR	UNION PACIFIC RAILROAD
OPR	OFFICIAL PUBLIC RECORDS
PL	PROPERTY LINE
CL	CENTER LINE
EXTG	EXISTING
IRR	IRRIGATION
UFO	UNDERGROUND FIBER OPTIC



Bryce Moczygemba
10/6/11

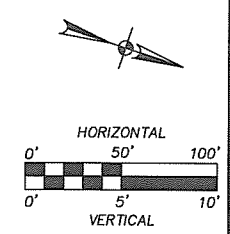
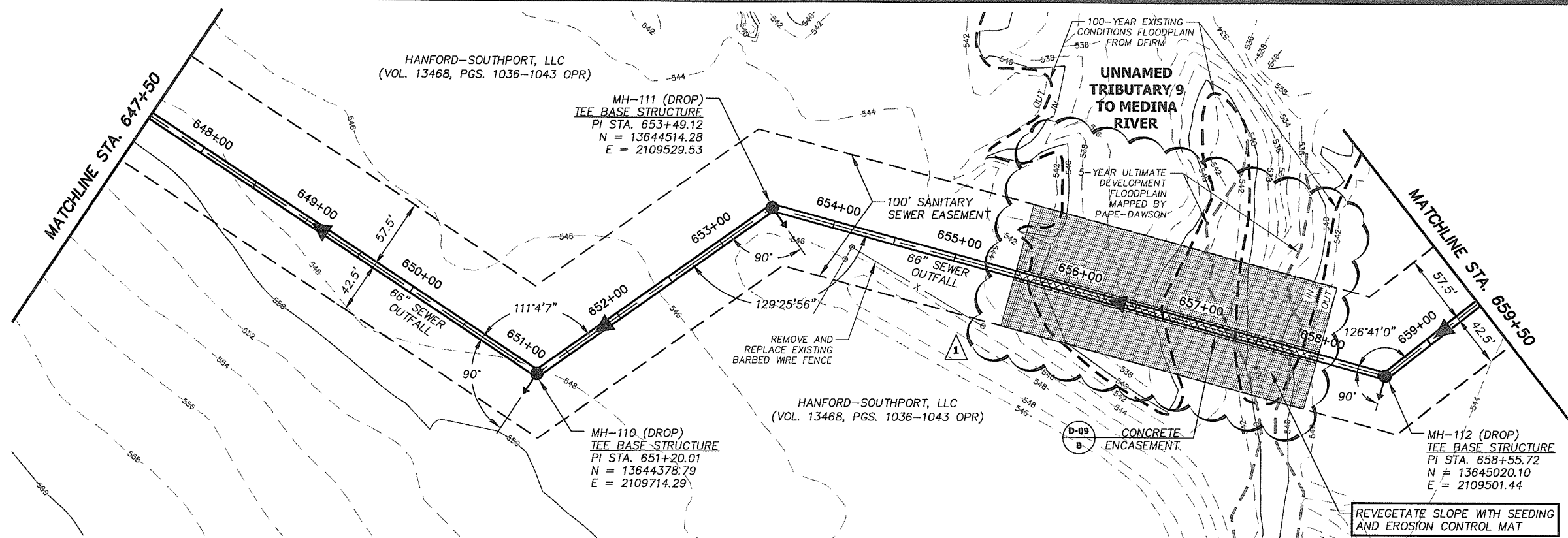
PAPE-DAWSON ENGINEERS
555 EAST RAMSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
FAX: 210.375.9010
TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

**SAN ANTONIO WATER SYSTEM
MEDINA RIVER SEWER OUTFALL PROJECT
SAWS JOB NO. 11-2504**

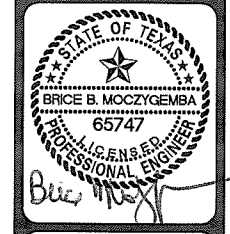
**SHEET INDEX, BID QUANTITIES
AND LEGEND**

JOB NO.	6866-00
DATE	JULY 2011
DESIGNER	JO
DRAWN	BS
CHECKED	BM
DRAWING No.	G-01
SHEET No.	2

Date: Oct 04, 2011 4:55pm User: ID: BSmith
File: P:\68\68\00\Design\Civil\Sewer\Bldg Package 3\GWS68600.dwg



APP	BM
REVISION	
NO.	DATE
1	10/4/11



10/6/11

PAPE-DAWSON ENGINEERS

555 EAST RAMSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
 BRUCE B. MOCZYGEMBA | FAX: 210.375.9010
 TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

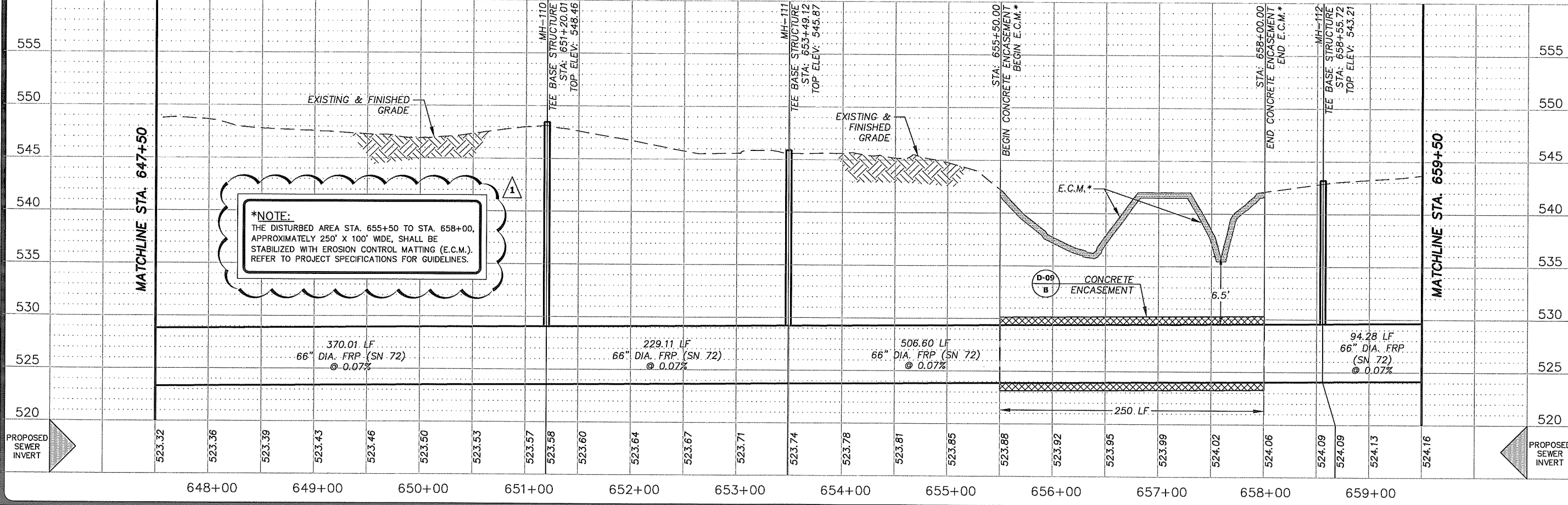
TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/ EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

CAUTION!!!

CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING UNDER AND / OR AROUND OVERHEAD ELECTRIC LINES. CONTRACTOR SHALL COORDINATE WITH CPS ENERGY TO ESTABLISH THE MAXIMUM WORKING HEIGHT FROM GROUND ELEVATION. COORDINATE ALL WORK WITH CPS ENERGY.

- NOTES:**
1. WORK ZONE SHALL BE LIMITED TO THE EASEMENT SHOWN.
 2. REFER TO DWG. NO. G-02 FOR ALL GENERAL UTILITY NOTES AND CONTACT INFORMATION.
 3. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES PRIOR TO EXCAVATION AND INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES WHETHER SHOWN ON THE PLANS OR NOT AND TO PROTECT ALL UTILITIES DURING CONSTRUCTION.
 4. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO SAWS.



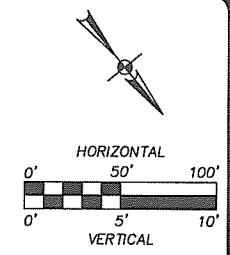
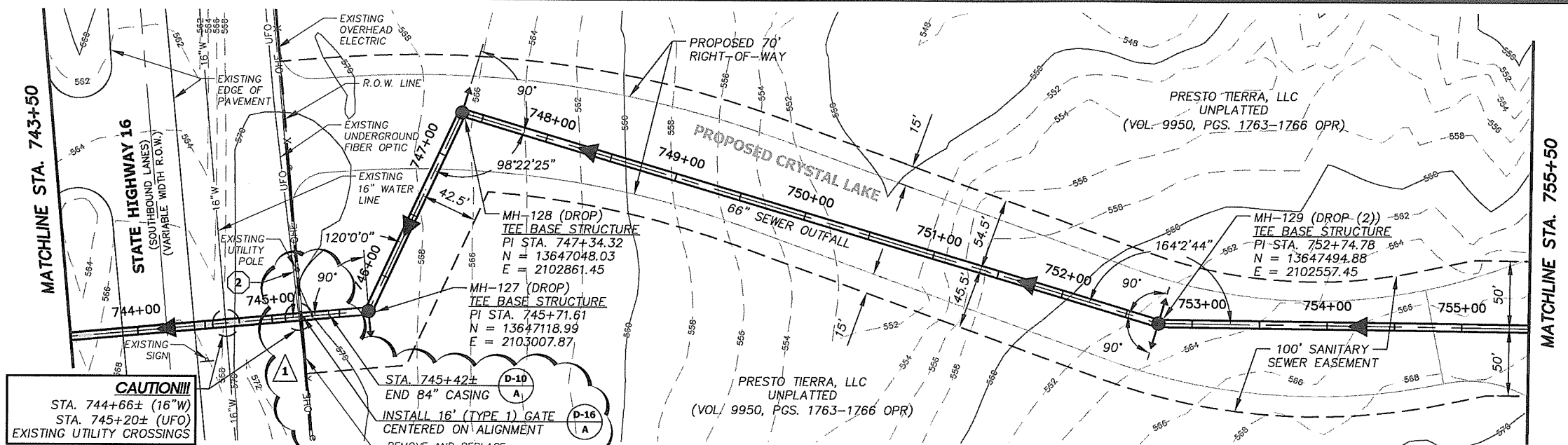
***NOTE:**
 THE DISTURBED AREA STA. 655+50 TO STA. 658+00, APPROXIMATELY 250' X 100' WIDE, SHALL BE STABILIZED WITH EROSION CONTROL MATTING (E.C.M.). REFER TO PROJECT SPECIFICATIONS FOR GUIDELINES.

Date: 04_04_2011_4:23pm User: ID: BSmith File: P:\68166\00\Design\Civil\Sewer\Bld Package_3\SS686600_44-49.dwg

SAN ANTONIO WATER SYSTEM
 MEDINA RIVER SEWER OUTFALL PROJECT
 SAWS JOB NO. 11-2504

PLAN AND PROFILE SHEET
 STA. 647+50 TO STA. 659+50

JOB NO.	6866-00
DATE	JULY 2011
DESIGNER	JO
DRAWN	BS
CHECKED	BM
DRAWING No.	C-48
SHEET No.	16



CAUTION!!!
 STA. 744+66± (16"W)
 STA. 745+20± (UFO)
 EXISTING UTILITY CROSSINGS

STA. 745+42± (D-10)
 END 84" CASING (A)
 INSTALL 16' (TYPE 1) GATE (D-16)
 CENTERED ON ALIGNMENT (A)
 REMOVE AND REPLACE
 EXISTING BARBED WIRE FENCE

KEYED NOTES:

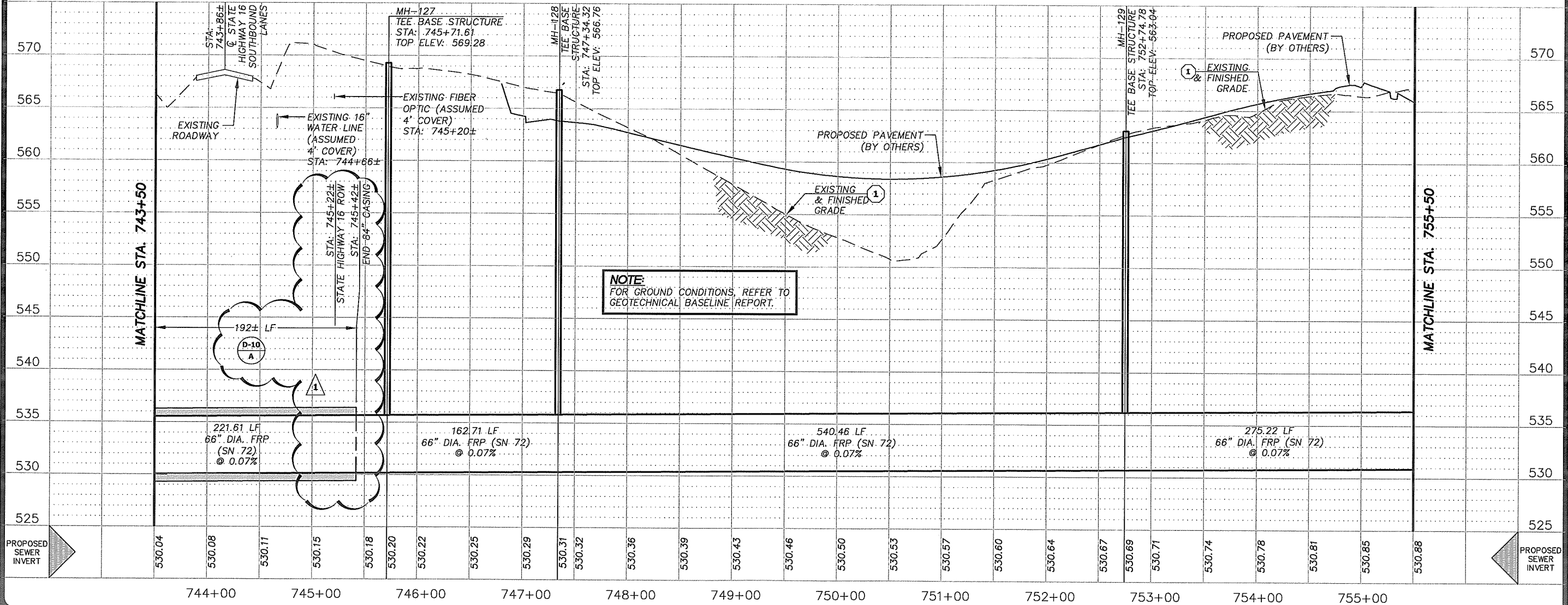
- 1 CONTRACTOR SHALL BACKFILL TO EXISTING GROUND
- 2 CONTRACTOR SHALL COORDINATE WITH CPS ENERGY FOR RELOCATION OR REPLACEMENT OF EXISTING POWER POLE (NO SEPARATE PAY ITEM).

NOTES:

- 1. WORK ZONE SHALL BE LIMITED TO THE EASEMENT SHOWN.
- 2. REFER TO DWG. NO. G-02 FOR ALL GENERAL UTILITY NOTES AND CONTACT INFORMATION.
- 3. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES PRIOR TO EXCAVATION AND INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES WHETHER SHOWN ON THE PLANS OR NOT AND TO PROTECT ALL UTILITIES DURING CONSTRUCTION.
- 4. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO SAWS.

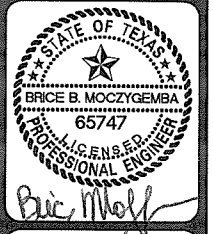
TRENCH EXCAVATION SAFETY PROTECTION
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CAUTION!!!
 CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING UNDER AND / OR AROUND OVERHEAD ELECTRIC LINES. CONTRACTOR SHALL COORDINATE WITH CPS ENERGY TO ESTABLISH THE MAXIMUM WORKING HEIGHT FROM GROUND ELEVATION. COORDINATE ALL WORK WITH CPS ENERGY.



NOTE:
 FOR GROUND CONDITIONS, REFER TO GEOTECHNICAL BASELINE REPORT.

APP	REVISION	
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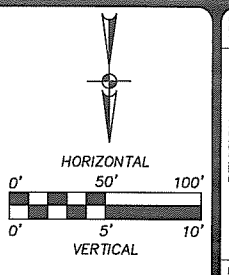
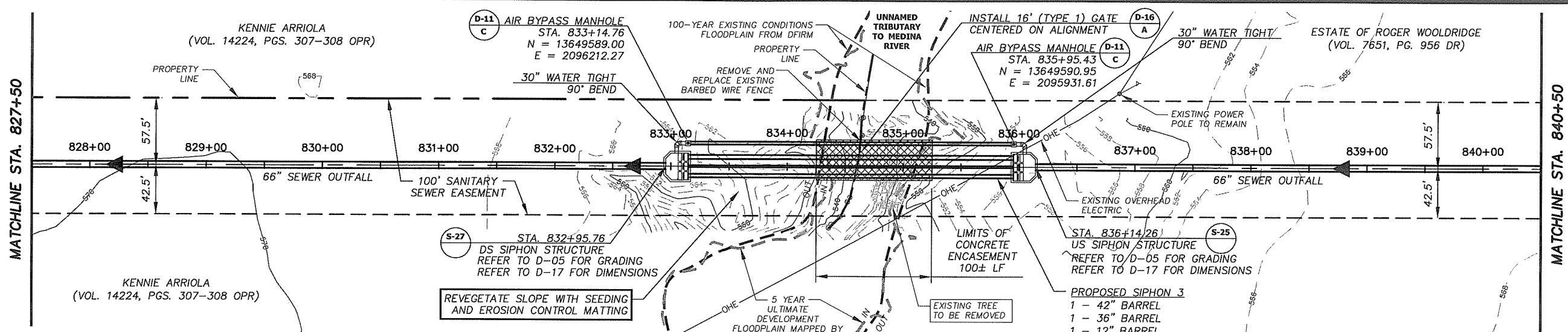


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 555 EAST RAMSEY | PHONE: 210.375.9000
 FAX: 210.375.9019
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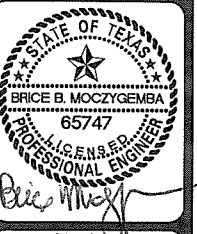
SAN ANTONIO WATER SYSTEM
 MEDINA RIVER SEWER OUTFALL PROJECT
 SAWS JOB NO. 11-2504
PLAN AND PROFILE SHEET
 STA. 743+50 TO STA. 755+50

JOB NO.	6866-00
DATE	JULY 2011
DESIGNER	JO
DRAWN	BS
CHECKED	BM
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SHEET No.	24

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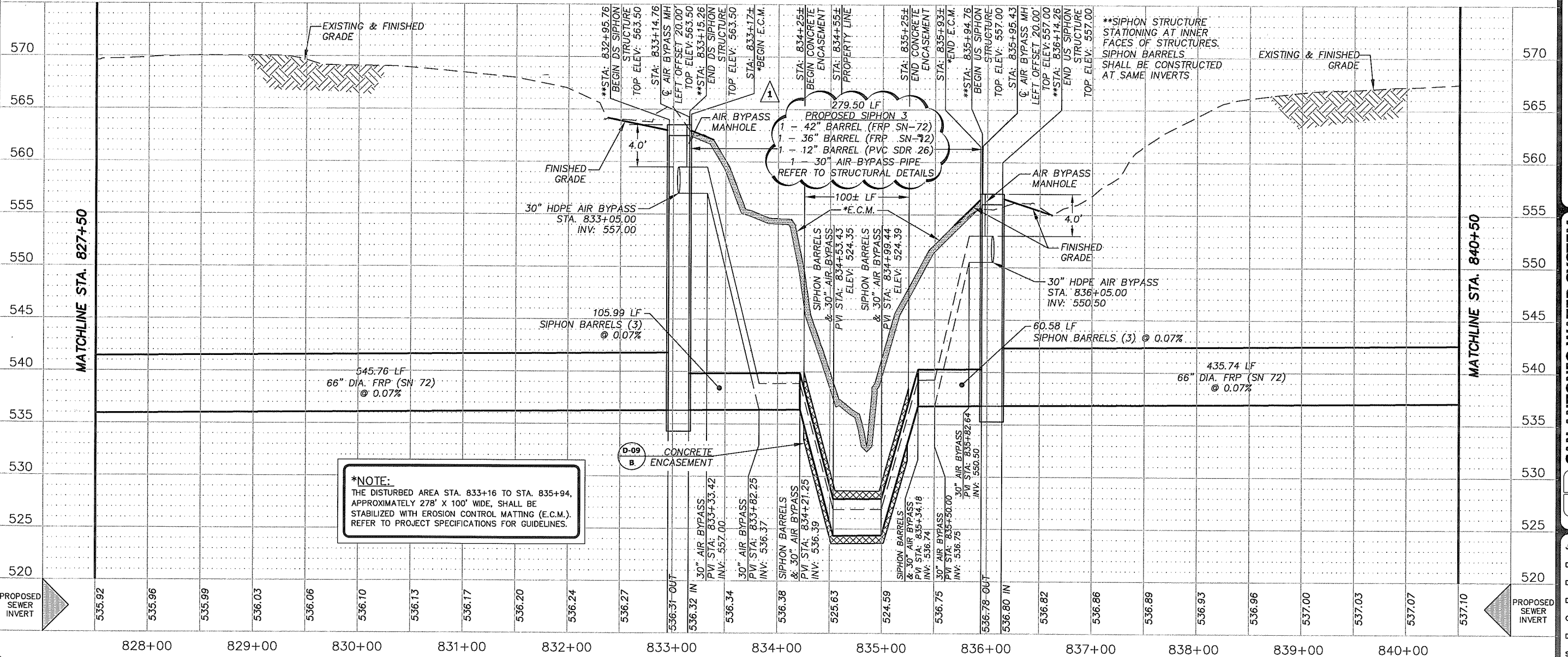
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TRENCH EXCAVATION SAFETY PROTECTION
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- NOTES:**
1. WORK ZONE SHALL BE LIMITED TO THE EASEMENT SHOWN.
 2. REFER TO DWG. NO. G-02 FOR ALL GENERAL UTILITY NOTES AND CONTACT INFORMATION.
 3. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES PRIOR TO EXCAVATION AND INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES WHETHER SHOWN ON THE PLANS OR NOT AND TO PROTECT ALL UTILITIES DURING CONSTRUCTION.
 4. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO SAWS.



***NOTE:**
 THE DISTURBED AREA STA. 833+16 TO STA. 835+94, APPROXIMATELY 278' X 100' WIDE, SHALL BE STABILIZED WITH EROSION CONTROL MATTING (E.C.M.). REFER TO PROJECT SPECIFICATIONS FOR GUIDELINES.

10/6/11

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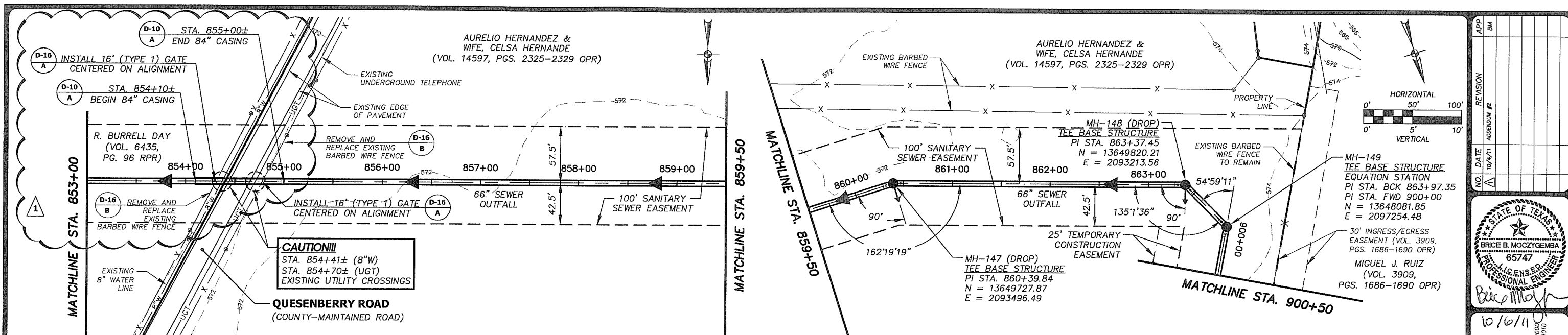
SAN ANTONIO WATER SYSTEM
 MEDINA RIVER SEWER OUTFALL PROJECT
 SAWS JOB NO. 11-2504

PLAN AND PROFILE SHEET
 STA. 827+50 TO STA. 840+50

JOB NO.	6866-00
DATE	JULY 2011
DESIGNER	JO
DRAWN	BS
CHECKED	BM
DRAWING No.	C-63
SHEET No.	31

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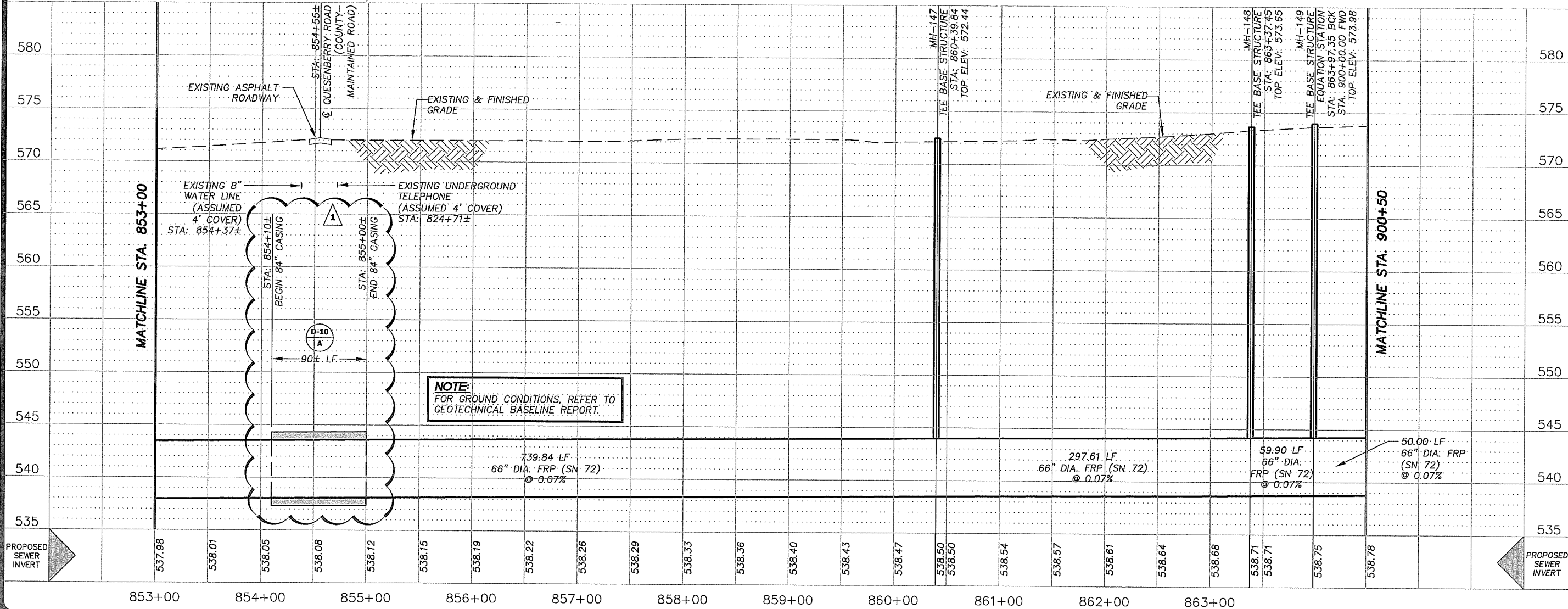
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NOTE:
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APP	BN	
REVISION		
NO.	DATE	10/4/11
PAPE-DAWSON ENGINEERS 555 EAST RAMSEY SAN ANTONIO, TEXAS 78216 PHONE: 210.375.9000 BRUCE B. MOOZYKOWSKI FAX: 210.375.9010 TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470		
SAN ANTONIO WATER SYSTEM MEDINA RIVER SEWER OUTFALL PROJECT SAWS JOB NO. 11-2504		
PLAN AND PROFILE SHEET STA. 853+00 TO STA. 900+50		
JOB NO.	6866-00	
DATE	JULY 2011	
DESIGNER	JO	
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Q&A ATTACHMENTS

APPLICATION FOR FIRE HYDRANT METER USE

Application is hereby made by the undersigned Contractor for the use of temporary fire hydrant meters during certain construction operations as provided by Section 8.9 of the San Antonio Water Systems' Regulations for Water Service. San Antonio Water System ("SAWS") approves this Application provided that Contractor comply with all terms and conditions of this Application.

Terms and Conditions

I. Definitions

- A. SAWS. San Antonio Water System
- B. METER. A water meter that measures the quantity of water supplied through the meter.
- C. CONTRACTOR. Undersigned applicant through its authorized representative.

II. Responsibilities of Contractor

A. The Contractor shall:

1. Use the SAWS fire hydrant meters (painted yellow) only on fire hydrants owned and operated by SAWS (painted silver) and connected to the SAWS distribution system.
2. Obtain written approval from SAWS to withdraw water from a SAWS fire hydrant for any purpose other than as authorized by this application.
3. Be responsible for the safekeeping of the meter, valve and connections. The Contractor shall be liable for the loss or any damage sustained to the meter, valve or connections during its period of use.
4. Comply with backflow protection requirements for all water hauling equipment and/or potable water mixing tanks as listed in Attachment "A". Questions regarding backflow requirements should be referred to (210) 233-3332.
5. Provide current information to SAWS as to water, fire hydrant, and meter use and locations of use. Also provide current address and contact information for Contractor.
6. Comply with all SAWS instructions, including immediate return of meters upon request and executing a new application for meters previously issued to Contractor.
7. Use the meter to measure the volume of water withdrawn from a fire hydrant.
8. Use water withdrawn from a fire hydrant only for the purpose described in this application.
9. Comply with applicable regulations and procedures relating to withdrawal of water from a fire hydrant. Use only one connection to a fire hydrant.
10. Inspect the fire hydrant before operation to verify the fire hydrant is in working order without any deficiencies; if a deficiency is found, do not use the fire hydrant and report the problem immediately to SAWS at 704-SAWS.
11. Open or close a fire hydrant with a special fire hydrant wrench that is designed and manufactured for that purpose.
12. Open a fire hydrant slowly to a fully open position and use a fire hydrant only in a fully open position.
13. Close a fire hydrant slowly to a completely closed position when not in use.
14. Regulate the volume or flow of water from a fire hydrant by using a utility-installed gate valve for a fire hydrant-mounted meter with a reduced pressure back flow prevention assembly.
15. Immediately comply with an order given by SAWS, a firefighter, or a law enforcement officer to cease withdrawal of water from a fire hydrant.
16. If requested by SAWS, a fire fighter, or a law enforcement officer, disconnect all equipment from a hydrant and leave the area.
17. Report meter readings to Accounting from each meter by the 16th of each month. If the Contractor does not provide a reading for any given meter by the 16th of the month, usage will be estimated for the meter and billed using the average usage of other fire hydrant meter customers during the previous month.
18. Check in and exchange meters at six (6) month intervals.
19. Customer shall not attach more than one meter to a fire hydrant and shall not preclude access to any remaining fire hydrant attachment openings.
20. Contractor shall grant access to meter to any SAWS representative.
21. Contractor shall ensure that there is no water leaking from the meter or other related equipment used with the meter.
22. Contractor shall follow all City Ordinances pertaining to water restrictions and conservation.

B. The Contractor shall not:

1. Make an unmetered withdrawal of water from a fire hydrant.
2. Use a fire hydrant valve to regulate the volume or flow of water withdrawn from the fire hydrant.
3. Open or close a fire hydrant except with a special fire hydrant wrench.
4. Obstruct a fire hydrant or street right-of-way or create a hazard to a person or property while withdrawing water from a fire hydrant.
5. Damage, destroy, or tamper with a meter installed on a fire hydrant.
6. Violate any applicable laws or regulations or use the fire hydrant, meter, valves, connections or other equipment in an unsafe manner.
7. Withdraw water from a fire hydrant for subsequent resale.
8. Mount any meter on a vehicle.
9. **Put a yellow SAWS' fire hydrant meter on any fire hydrant that is NOT painted SILVER.**

III. Rates and Fees: Security Deposit

Contractor shall pay the rates and fees set forth on SAWS website http://www.saws.org/business_center/developer/firehydrants/ as well as any applicable security deposit(s). Rates, fees and security deposit are subject to change at any time. Bills will be rendered monthly and payments will be due in accordance with existing SAWS practices. A 5% gross penalty amount will be due and charged after 10 days from the payment due date. In the event of non-payment of any bill by the Contractor, SAWS may suspend or terminate service and the Contractor shall not be able to contract for any additional meters until all arrears, including applicable fines, from the current contract have been satisfied.

IV. Other Provisions

SAWS may disconnect and confiscate the meter or any other related equipment at any time or interrupt service should it determine that contractor has not complied with the terms of this agreement or that operation of a fire hydrant, meter or other related equipment constitutes a threat to public health or safety, the environment, the operation of the public water system, or contamination of the water supply.

In the event this application is revoked by SAWS as a result of Contractor's violation of its terms, Contractor shall not be entitled to a refund or credit for fees paid or deposits made.

Contractor shall be liable for all damages and/or fines resulting from the operation and use of SAWS property, Contractor's property, and for any violations of the terms of this application.

CONTRACTOR covenants and agrees to FULLY INDEMNIFY and HOLD HARMLESS, SAWS and the elected officials, employees, officers, directors, volunteers and representatives of SAWS, individually or collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, penalties, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal or bodily injury, death and property damage, made upon SAWS directly or indirectly arising out of, resulting from or related to CONTRACTOR's activities under this APPLICATION, including any acts or omissions of CONTRACTOR, any agent, officer, director, representative, employee, consultant or subcontractor of CONTRACTOR, and their respective officers, agents, employees, directors and representatives while in the exercise of performance of the rights or duties under this APPLICATION, all without however, waiving any governmental immunity available to SAWS under Texas Law and without waiving any defenses of the parties under Texas Law. IT IS FURTHER COVENANTED AND AGREED THAT SUCH INDEMNITY SHALL APPLY EVEN WHERE SUCH COSTS, CLAIMS, LIENS, DAMAGES, LOSSES, EXPENSES, FEES, FINES, PENALTIES, ACTIONS, DEMANDS, CAUSES OF ACTION, LIABILITY AND/OR SUITS ARISE IN ANY PART FROM THE NEGLIGENCE OF SAWS, THE ELECTED OFFICIALS, EMPLOYEES, OFFICERS, DIRECTORS AND REPRESENTATIVES OF SAWS, UNDER THIS APPLICATION. The provisions of this INDEMNITY are solely for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity.

CONTRACTOR shall advise SAWS in writing within 24 hours of any claim or demand against SAWS or CONTRACTOR known to CONTRACTOR related to or arising out of CONTRACTOR's activities under this APPLICATION and shall see to the investigation and defense of such claim or demand at CONTRACTOR's cost. SAWS shall have the right, at its option and at its own expense, to participate in such defense without relieving CONTRACTOR of any of its obligations under this paragraph.

It is the EXPRESS INTENT of the parties to this APPLICATION, that the INDEMNITY provided for in this section, is an INDEMNITY extended by CONTRACTOR to INDEMNIFY, PROTECT and HOLD HARMLESS, SAWS from the consequences of SAWS' OWN NEGLIGENCE, provided however, that the INDEMNITY provided for in this section SHALL APPLY only when the NEGLIGENT ACT of SAWS is a CONTRIBUTORY CAUSE of the resultant injury, death, or damage, and shall have no application when the negligent act of SAWS is the sole cause of the resultant injury, death, or damage. CONTRACTOR further AGREES TO DEFEND, AT ITS OWN EXPENSE and ON BEHALF OF SAWS AND IN THE NAME OF SAWS, any claim or litigation brought against SAWS and its elected officials, employees, officers, directors, volunteers and representatives, in connection with any such injury, death, or damage for which this INDEMNITY shall apply, as set forth above.

The provisions of this INDEMNIFICATION are solely for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity.

CONTRACTOR shall advise SAWS in writing within 24 hours of any claim or demand against SAWS or CONTRACTOR known to CONTRACTOR related to or arising out of contractor's activities under this APPLICATION.

THIS APPLICATION IS EFFECTIVE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE APPROVED BY SAWS

CONTRACTOR

By: _____

Printed Name: _____

Title: _____

Company Name: _____

____ **I understand that a yellow SAWS Fire Hydrant Meter should only be used on a SILVER SAWS Fire Hydrant in the San Antonio vicinity.**

Contractor Information Disclosure:

Contractor: _____

Mailing Address: _____

Physical Address: _____
(If different from above)

Phone Number: _____

E-mail Address: _____

Fax Number: _____

Federal Taxpayer ID: _____

Purpose of fire hydrant usage: _____

If this is for a SAWS job, please fill out the following:

SAWS Job #: _____

SAWS Contact Name: _____

APPROVED: SAN ANTONIO WATER SYSTEM

By: _____

Printed Name: _____

Title: _____

Date: _____

Deposit Information

Customers whose main office is located **inside** Bexar County will be required to pay a \$910.00 property and payment security deposit for each meter received.

Customers whose main office is located **outside** Bexar County will be required to pay a \$1,060.00 property and payment security deposit for each meter received.

2011 Charges*

Current Charges

Daily Rental Charge \$6.50

Water Use Charges

Water Supply Fee per 100 gallons \$.1573

Pass-through of Edwards Aquifer Authority Permit Fee \$0.01407
Per 100 gallons

Metered Water Sales

Metered Water Sales per 100 gallons \$.1443

***Please note rates are subject to change on a yearly basis**

I, _____, certify that I received all 7 pages of the SAWS Fire Hydrant Meter Contract.

Date

Signature of Company representative

Attachment A

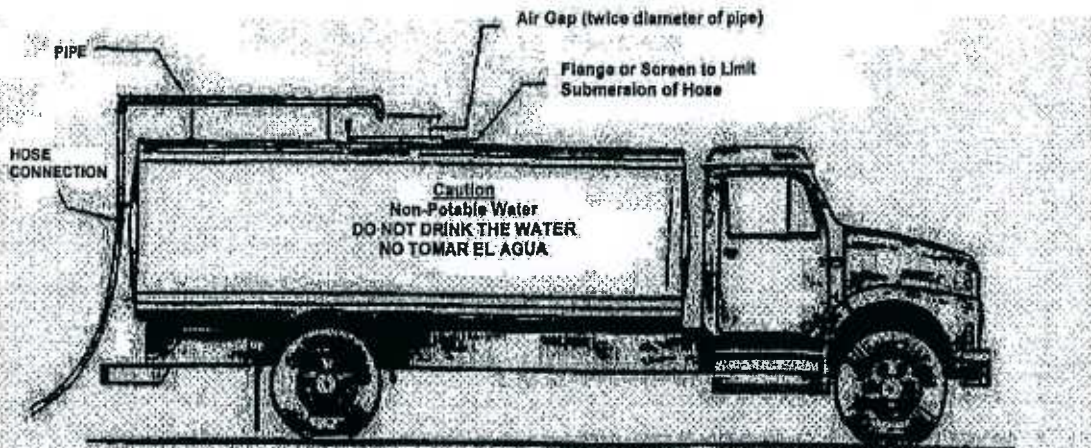


Figure A

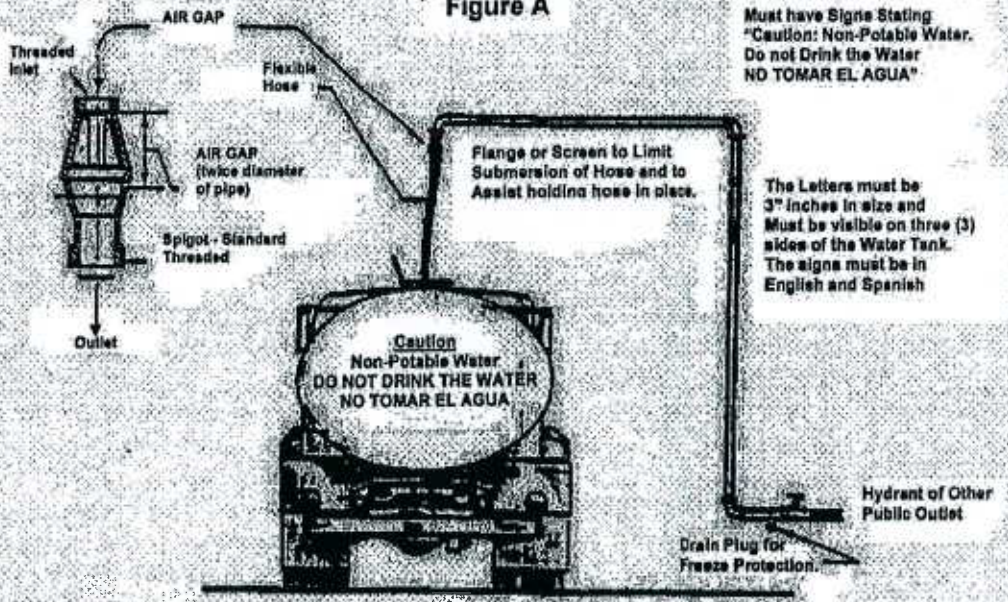


Figure B

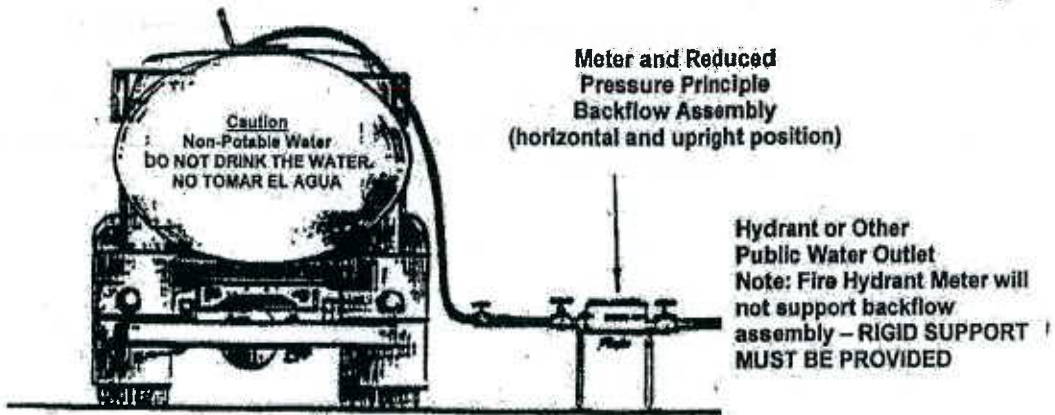


Figure C

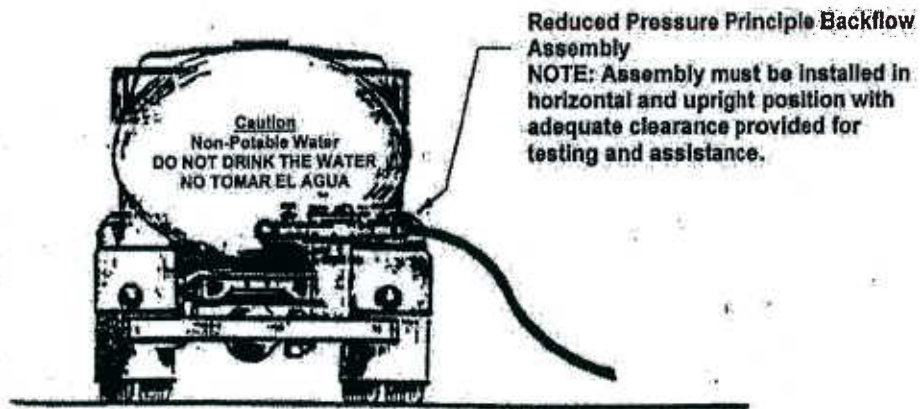


Figure D

Backflow Prevention Method-Reduced Pressure Principle Assembly