



REQUEST FOR PROPOSALS  
FOR

ANALYTICAL LABORATORY SERVICES  
P003-23



## LEGAL NOTICE

AND

### REQUEST FOR PROPOSALS P003-23

The Brownsville Public Utilities Board will accept sealed proposals for Analytical Laboratory Services, **until 5:00 PM, October 12, 2022**, in the Brownsville PUB Purchasing Department, located at 1155 FM 511, Olmito, Texas 78575. **Proposals received after this time will not be considered.**

Proposals will be publicly opened and read aloud on October 13, 2022 at 10:00 AM. Vendors can call in at 10:00 AM, October 13, 2022 to (956) 214-6020 to listen to the proposal opening.

Detailed specifications may be obtained at the following website: [https://www.brownsville-pub.com/rfp\\_status/open/](https://www.brownsville-pub.com/rfp_status/open/)

Please mark on the outside of the envelope and on any carrier's envelope: **"P003-22 SEALED PROPOSALS FOR ANALYTICAL LABORATORY SERVICES, OCTOBER 12, 2022, 5:00 PM"**, and send to the attention of Diane Solitaire, Purchasing Department, 1155 FM 511, Olmito, Texas 78575.

The Brownsville Public Utilities Board will not be responsible in the event that the U.S. Postal Service or any other courier system fails to deliver the sealed proposals to the Brownsville Public Utilities Board, Purchasing Office by the given deadline above. **No proposal will be accepted via facsimile or electronic transmission.**

The Brownsville PUB reserves the right to reject any or all proposals and to waive irregularities contained therein and to accept any proposal deemed most advantageous to the Brownsville PUB.

BY:

***Diane Solitaire***

Brownsville PUB Purchasing Department

Phone: (956) 983-6366

**INSTRUCTIONS TO FIRMS**  
**Please submit this page upon receipt.**  
**ACKNOWLEDGEMENT FORM**  
P003-23 Analytical Laboratory Services

For any clarifications, please contact Nicole Espinoza at the Brownsville Public Utilities Board, Purchasing Department at (956) 983-6353 or e-mail: [nespinoza@brownsville-pub.com](mailto:nespinoza@brownsville-pub.com)

Please e-mail this page upon receipt of the RFP package or legal notice. If you only received the legal notice and you want the RFP package mailed, please provide a method of shipment with account number in the space designated below.

Check one:

☐ **Yes, I will be able to send a response; obtained RFP package from website.**

☐ **Yes, I will be able to send a response; please email the RFP package.**

Email: \_\_\_\_\_

☐ **Yes, I will be able to send a response; please mail the RFP package using the carrier & account number listed below:**

Carrier: \_\_\_\_\_

Account: \_\_\_\_\_

☐ **No, I will not be able to send a response for the following reason:**

\_\_\_\_\_  
\_\_\_\_\_

If you are unable to send your proposal, kindly indicate your reason for “No bid” above and return this form **via email to:** [nespinoza@brownsville-pub.com](mailto:nespinoza@brownsville-pub.com). This will ensure you remain active on our vendor list.

Date \_\_\_\_\_

Company: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

## Special Instructions

### ***Contract Information***

- **Interpretation**

Questions concerning terms, conditions, and technical specifications should be directed to:

Nicole Espinoza, Purchasing Department  
(956) 983-6353

- **Tentative Time Line**

1. September 26, 2022 – October 12, 2022 - Vendors work on proposal.
2. October 12, 2022 at 5:00 PM CST - Vendor must submit three (3) sets of the proposal documents sealed in an envelope to:

Diane M. Solitaire, Purchasing  
1155 FM 511  
Olmito, TX 78575

**Proposal #003-23** – Analytical Laboratory Services  
Due: October 12, 2022 at 5:00 PM

*The above noted information must be included on proposal envelope and on any carrier's envelope/package. The Brownsville Public Utilities Board will not be held responsible for missing, lost or late mail. Brownsville Public Utilities Board will not accept facsimile of sealed proposals.*

3. September 30, 2022 – Last day to submit questions by 5:00 PM
4. October 13, 2022- Acknowledge proposals at 10:00 AM
5. October 13, 2022 – October 30, 2022 - Evaluate proposals
6. October 31, 2022 - Provide Final Recommendations
7. November 14, 2022 - Send to Utilities Board for approval

- **Or Equal**

Brand name or manufacturer's reference used in this request is descriptive – not restrictive – it is intended to indicate type and quality desired. Brands of like nature and quality will be considered. If bidding on other than referenced specifications please provide complete descriptive information of said article.

## Proposal Submission

Diane Solitaire, Purchasing  
1155 FM 511  
Olmito, Texas 78575

Proposal #003-23 Analytical Laboratory Services  
Due October 12, 2022 at 5:00 PM

*The above noted information must be included on proposal envelope and on any carrier's envelope/package. The Brownsville Public Utilities Board will not be held responsible for missing, lost or late mail. Brownsville Public Utilities Board will not accept facsimile or electronic transmission of sealed proposals.*

## Pricing

Propose unit price on quantity specified, extend and show total. In case of errors in extension, unit prices shall govern. **Price shall remain in effect for two (2) years.**

All fields (UNIT PRICE & TOTAL PRICE) in the specifications pages must be filled.

Failure to submit any of the above information with the sealed proposal will disqualify proposal.

## Firm Representative

The successful firm agrees to send a personal representative with binding authority for the company to the BPUB upon request to make adjustments and/or assist with coordination of all transactions as needed.

## Contract with Firm/Entity Indebted to BPUB/SRWA

It is a policy of the BPUB/SRWA to refuse to enter into a contract or other transaction with an individual, sole proprietorship, joint venture, Limited Liability Company or other entity indebted to BPUB/SRWA.

## Vendor ACH (Direct Deposit) Services

The BPUB has implemented a payment service for firms by depositing the payment directly to the firm's bank account. Successful firm(s) will be required to receive payments directly through Automated Clearing House (ACH) in lieu of a paper check. **The awarded vendor must agree to receive payments via ACH (Direct Deposit)..**

## Tax Identification (TIN)

In accordance with IRS Publication 1220, a W9 form, or a W8 form in cases of a foreign firm, will be required of all firms doing business with the Brownsville PUB. If a W9 or W8 form is not made available to Brownsville PUB, the first payment will be subject to income tax withholding at a rate of 28% or 30% depending on the U.S. status and the source of income as per IRS Publication 1220. **The W9 or W8 form must be included with proposal response.** Attached are sample forms.

## **Taxes**

The BPUB/SRWA is exempt from Federal Excise Tax, State Tax and Local taxes. Do not include tax in the proposal. If it is determined that tax was included in the proposal, it will not be included in the tabulation or any awards. Tax exemption certificates will be furnished upon request.

## **Signing of Proposal**

**Failure to sign proposal will disqualify it.** Person signing proposal should show title or authority to bind their firm to a contract.

## **EEOC guidelines**

During the performance of this contract, the firm agrees not to discriminate against any employee or applicant for employment because of race, national origin, age, religion, gender, marital or veteran status or physically challenging condition.

## **Living Wage Statement**

On April 16, 2007, the BPUB Board of Directors approved a local "living wage" policy that requires all Contractors and Subcontractors performing 100% Non-Federally funded Work for the BPUB to pay a minimum wage rate of \$8.00/hour. The BPUB requires that all Contractors and Subcontractors comply with this policy.

## **Brownsville Public Utilities Board/SRWA Rights**

1. If only one or no proposal is received by "submission date", the BPUB/SRWA has the right to reject, re-advertise, accept and/or extend the proposal by up to an additional two (2) weeks from original submission date.
2. The right to reject any/or all proposals and to make award as they may appear to be advantageous to the Brownsville Public Utilities Board/SRWA.
3. The right to hold proposal for up to 90 days from submission date without action, and to waive all formalities in proposal.
4. The right to extend the total proposal beyond the original 90-day period prior to an award, if agreed upon in writing by all parties (BPUB/SRWA and vendor/contractor) and if proposer/vendor holds original proposal prices firm.
5. The right to terminate for cause or convenience all or any part of the unfinished portion of the Project resulting from this solicitation within Thirty (30) calendar days written notice; for cause: upon default by the vendor/contractor, for delay or non-performance by the vendor/contractor; or if it is deemed in the best interest of the BPUB/SRWA for BPUB/SRWA's convenience.
6. In proposal, stipulate whether an increase or decrease in services will affect proposal price.

## **Corrections**

BPUB believes that the data contained in these specifications is sufficient for preparation of a proposal. The information is believed to be accurate and is based upon the latest available information, but it is not to be considered in any way as a warranty. Requests for additional information should be directed in writing to Nicole Espinoza, Purchasing, 1155 FM 511, Olmito,

TX 78575; or by email to: [nespinoza@brownsville-pub.com](mailto:nespinoza@brownsville-pub.com) by 5:00 PM, September 30, 2022. Include a return fax number, phone number or email address and specifically reference the section of the proposal in question.

Any interpretation, correction, or change to the RFP will be made by ADDENDUM. Changes or corrections will be issued by the Brownsville PUB Purchasing Department. **Addenda will be emailed to all who have returned the Proposal Acknowledgement Form.** Addenda will be issued as expeditiously as possible. It is the responsibility of the firms to determine whether all addenda have been received. It will be the responsibility of all respondents to contact the Brownsville PUB prior to submitting a response to the RFP to ascertain if any addenda have been issued, and to obtain any all addenda, execute them, and return addenda with the response to the RFP. Addenda may also be posted on BPUB's webpage.

#### **Unauthorized Communications**

After release of this solicitation, Proposer's contact regarding this RFP with members of the RFP evaluation, interview or selection panels, and employees of the BPUB or officials of the BPUB other than the Purchasing Manager or Purchasing Staff is prohibited and may result in disqualification from this procurement process. No officer, employee, agent or representative of the Proposer shall have any contact or discussion, verbal or written, with any members of the BPUB Board of Directors, members of the RFP evaluation, interview, or selection panels, BPUB staff, or directly or indirectly through others, seek to influence any BPUB Board member, BPUB staff regarding any matters pertaining to this solicitation, except as herein provided. If a representative of any Proposer violates the foregoing prohibition by contacting any of the above listed parties with whom contact is not authorized, such contact may result in the Proposer being disqualified from the procurement process.

**THE BPUB/SRWA RESERVES THE RIGHT TO REJECT ANY/OR ALL PROPOSALS AND TO MAKE AWARDS AS THEY MAY APPEAR TO BE ADVANTAGEOUS TO THE BPUB/SRWA.**

**THE PROPOSAL MAY BE AWARDED IN ITS ENTIRETY OR IN ANY COMBINATION THEREOF.**

REQUEST FOR PROPOSALS  
FOR  
ANALYTICAL LABORATORY SERVICES

**OVERVIEW**

The Brownsville Public Utilities Board invites your Firm to submit a proposal in response to our request entitled, "Request For Proposals for Analytical Laboratory Services." Any questions concerning this project are to be directed to Nicole Espinoza, [nespinoza@brownville-pub.com](mailto:nespinoza@brownville-pub.com).

The Brownsville Public Utilities Board is interested in obtaining environmental laboratory professional services to perform high quality quantitative analyses on aqueous matrices, i.e., potable water, domestic wastewater, industrial wastewater, storm water, recycled water, oil and solid matrices, i.e., soil, sludge samples, for metals, organic and inorganic pollutants on an as needed basis. Specific parameters with quantification limits required for analyses are listed in the APPENDIX, however, this list does not include all potential parameters of interest. Brownsville PUB will inquire as to analytical capabilities for parameters not included on this list prior to submitting a request for analyses.

The period for this contract shall be two (2) years from date of approval by the Board with the possibility of an additional two (2) year extension if price and services are satisfactory and agreed upon in writing by both parties.

Questions in respect to RFP documents should be directed to Nicole Espinoza at the email listed above.

The proposals shall be submitted in a sealed envelope(s) bearing name and address of respondent(s) and be identified as specified on Request for Proposal, addressed to Diane Solitaire, Purchasing Department on or before specified time and date. No late proposals will be accepted. **No proposal will be accepted via facsimile or electronic transmission.**



## **SUBMITTAL REQUIREMENTS**

- (1) Proposals will be submitted in sealed envelopes. Each proposal form attached must be completely filled out. Proposals must be filed with the Brownsville PUB before opening day and hour. **Late proposals will NOT be accepted;** they will be returned to respondent unopened (if properly identified).
- (2) Proposal **MUST** give full firm name and address of respondent, and **MUST** be **signed**. **Failure to do so will disqualify your Proposal.** Person signing Proposal must show title or **AUTHORITY TO BIND HIS/HER FIRM IN A CONTRACT**. Firm name and authorized signature must appear on each page that calls for this information.
- (3) Proposals **CANNOT** be altered or amended after opening time. Alterations made before opening time must be initialed by respondent guaranteeing authenticity. No proposal may be withdrawn after opening time without acceptable reason in writing and only after approval by the Brownsville PUB.
- (4) Brownsville PUB designated employees have authorization to visit facilities to assure proper certification and Board compliance.
- (5) The Respondent agrees to indemnify and hold the Brownsville PUB harmless from any and all losses, damages or claims including attorney's fees and interest arising out of or in any way connected with an injury or injuries to any employee or employees of respondents and from claims of any other person or persons for injuries, losses or damages sustained at, around or in connection with the work, unless the negligence of the Brownsville PUB and/or its servants and agents is shown to be the sole proximate cause of said injury, loss or damage.
- (6) Respondent will be responsible to provide all necessary insurance as required by the Brownsville PUB and mandated by State Law.
- (7) The Brownsville PUB may hold proposals 90 days after Proposal opening without taking action.
- (8) Contract period shall commence on award date and expires two (2) years from award date with the option to renew for two (2) additional years if price and services are satisfactory and agreed upon in writing by both parties.
- (9) The Respondent's attention is directed to the fact that all applicable Federal and State laws, Municipal Ordinances, and all authorities having jurisdiction over that type of business(s) shall apply and be adhered to as if same were incorporated in these proposal documents.
- (10) At the time of the proposal opening, each respondent will be presumed to have read and to be thoroughly familiar with the requirements of the proposal packet. The failure or omission of any respondent to examine any form, instrument or contract document shall

in no way relieve any respondent from any obligation in respect to their proposal.

- (11) Respondents SHALL SUBMIT WITH THEIR PROPOSAL information identifying their experience in this type of business, State and/or Federal certifications, and the type of equipment that is to be used to provide the service that is being called for. Failure to submit this information shall be grounds for disqualification.
- (12) Respondents shall be required to submit three (3) sets, one original and two (2) copies of their proposal to the Brownsville PUB.
- (13) In an effort to assist the respondents in providing the Brownsville PUB with the best fee structure possible, the following data is being provided: The Brownsville PUB is required by TPDES Permit number WQ0010397005 EPA ID number TX0071340 North Treatment Plant and permit number WQ0010397003 EPA ID number TX0055484 South Treatment Plant to analyze the influents and effluents for the toxic pollutants listed in 40 CFR Part 122, Appendix D, Table II and Table III. In addition to sampling the wastewater treatment plants, the Brownsville PUB implements an industrial pretreatment program of monitoring industrial discharges.
- (14) It is the intent of the Brownsville PUB to subcontract with the private sector for the analysis of toxic pollutants for water, wastewater, sludge, oil and/or soil to determine compliance with various federal, state and local programs. The laboratory will provide all necessary sample containers, labels, sample preservatives, and shipping packages. The Brownsville PUB will be responsible for the collection, labeling, and packaging of containers. The laboratory will specify the method of shipment and will pay all shipping charges. In addition to performing analyses, the laboratory will perform all quality assurance requirements specific to comply with The Technical National Environmental Laboratory Accreditation Conference Institute (TNI) standards effective July 1, 2016.
- (15) The successful vendor shall supply (at no extra charge) all preprinted chain of custody forms customized to Brownsville PUB requirements, sample containers and shipping devices as needed for the various analyses required. Such containers shall be provided to the Brownsville PUB within three days after the Utility's request. The successful vendor must be able to provide electronic tracking of submitted samples via internet.
- (16) Completed analytical reports shall have turnaround time not to exceed 14 days.
- (17) Respondent shall provide all necessary/required sampling containers, ice chests, ice packs, and associated materials at no additional cost to the Brownsville PUB.
- (18) The proposal shall incorporate, in the unit prices, the cost of all sample containers, shipping boxes or coolers and all shipping charges expected to and from Brownsville, as the Utility will not pay separate freight charges. Each sampling kit must be accompanied with the pre-paid shipment form. Please describe method to be used for sample freight from Brownsville to your facility. Methods must not disqualify sample due to sample method holding/storage time requirements. Sampling kit must be delivered within three

(3) days upon request.

- (19) The Contracted Environmental Lab is responsible for proper disposal of all samples. However, samples should not be disposed of until after the Brownsville PUB has notified the contractor to do so or the holding times (as defined in 40 CFR 136.3 Table II) have expired. Samples shall be stored in accordance with CFR 136.3, 40 CFR 141, 142, RCRA SW 846 and other approved methods for any quality control standards provided by System.
- (20) **Proof of TNI accreditation by TCEQ must be submitted with proposal in order to be considered. Proposals without the required documentation will be considered non-responsive.**
- (21) The vendor awarded the contract must maintain a local business office within a seventy-five (75) mile radius from the city limits of Brownsville, Texas throughout the contract period that can be immediately responsive to BPUB when contacted during normal working hours and as well as after hours, weekends, and holidays.

#### **ANALYSIS REQUIREMENTS:**

Analysis Required: At a minimum, the laboratory will be responsible for analyzing the toxic pollutants at the following frequency using Minimum Detection Limits / Reporting Limits (MDL/RL). A list of the MDL/RL is attached in the appendix for reference. Frequency of analysis are estimated for cost analyses.

1. Water Treatment Plants (Drinking and Source Water) monitoring summary:

<u>Pollutant</u>	<u>Frequency</u>
Metals	24/Year
Minerals	24/Year
Semi-volatiles (SOC5)	24/Year
Herbicides (SOC3)	24/Year
Volatile Organic Compounds (VOC)	24/Year
THMS	56/Year
HAA5	56/Year
TPH	4/year
Reactivity	4/Year
Corrosivity	4/Year
Ignitability	4/Year
pH	4/Year

2. Electrical Power Plant Monitoring summary:

<u>Pollutant</u>	<u>Frequency</u>
Chloride	20/Year
Sulfate	20/Year
Copper	20/Year
Total Dissolved Solids	72/Year

Chemical Oxygen Demand	52/Year
Aluminum	72/Year
Oil and Grease	80/Year

3. Environmental Monitoring Summary:

<u>Pollutant</u>	<u>Frequency</u>
Total PCB (Liquid/oil)	25/Year
Total PCB (Soil)	25/Year
TPH	25/Year

<u>Pollutant</u>	<u>Frequency</u>
Arsenic (TCLP)	10/Year
Arsenic (Total)	3/Year
Barium (TCLP)	10/Year
Cadmium(TCLP)	10/Year
Cadmium (Total)	3/Year
Chromium (TCLP)	10/Year
Copper (TCLP)	10/Year
Copper (Total)	3/Year
Lead (TCLP)	10/Year
Lead (Total)	3/Year
Mercury (TCLP)	10/Year
Mercury (Total)	3/Year
Molybdenum (TCLP)	10/Year
Molybdenum (Total)	3/Year
Nickel (TCLP)	10/Year
Nickel (Total)	3/Year
Selenium (TCLP)	10/Year
Selenium (Total)	3/Year
Silver (TCLP)	10/Year
Zinc (TCLP)	10/Year
Zinc (Total)	3/Year
BTEX	10/Year
Sulfur	10/Year
Specific Oxygen Uptake Rate @ 20C	3/Year
Reactivity	5/Year
Corrosivity	5/Year
Ignitability	5/Year
pH	10/Year
Volatile Solids	3/Year
Volatile Solids Reductions (%)	3/Year
Fecal Coliform	21/Year

4. Pretreatment Industrial discharge monitoring summary:

<u>Pollutant</u>	<u>Frequency</u>
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Total Cyanides	124/year
Oil & Grease	112/year
Table II	4/year
30 TAC 307 (Add Toxins)	4/year
TPH	16/year
BOD	77/year
TSS	77/year
Total Metals 12 elements including	30/year
Mercury EPA 245.7	32/year
Sulfides	104/year
Formaldehyde	8/year
VOA	54/year
TTO	6/year

5. WW Sludge Disposal Site (SDS) monitoring summary:

<u>Pollutant</u>	<u>Frequency</u>
Groundwater Well at SDS	20/year
Soil at SDS	26/year

6. Robindale Wastewater Treatment Plant

<u>Pollutant</u>	<u>Frequency</u>
Wastewater Table II	2/year
Wastewater Table III	8/year
Total Cyanides	32/year
30TAC 307 (Addit. Toxins)	2/year
Sludge Metal	6/year
Sludge PCB's	6/year
Sludge TCLP	1/year
Fecal/TS	28/Year

7. South Wastewater Treatment Plant

<u>Pollutant</u>	<u>Frequency</u>
Wastewater Table II	2/year
Wastewater Table III	8/year
Total Cyanides	32/year
30TAC 307 (Addit. Toxins)	2/year
TMHS	2/year
Sludge Metal	4/year
Sludge PCB's	4/year
Sludge TCLP	1/year
Fecal/TS	28/Year

8. Resaca Maintenance Department

<u>Pollutant</u>	<u>Frequency</u>
TPH	144/yr
Pesticides/BTEX	144/yr
Metals (RCRA 8/TCLP)	144/yr
Total Suspended Solids	104/yr
% Solids	52/yr
Paint Filter Test	4/yr

9. Southmost Regional Water Authority

<u>Pollutant</u>	<u>Frequency</u>
Metals	2/year
Minerals	1/Year
Conventional & Non-conventional	8/Year

- B. Analytical Methods: Proposed analytical services shall be performed in accordance with 40 CFR Part 136: "Test Procedures for the Analysis of Pollutants". Brownsville PUB will accept alternate methods as long as they are approved methods specified under the 40CFR part 136. At a minimum, the methods employed must be capable of achieving the most stringent of the two minimum detection levels provided by the Environmental Protection Agency and TCEQ.
- C. Quality Assurance/Quality Control Requirements: The quality assurance/quality control program employed by the proposer must comply with the methodology outlined in 40 CFR Part 136. Duplicates, spikes, and blanks, as appropriate to the method used for analysis, will be conducted for each analytical run. Include in accordance to the latest TNI standards; e.g. Laboratory Control Standards (LCS), EPA method, Relative Percent Difference (RPd), etc. Results of the quality control samples will be made available to the Brownsville PUB in the final report.
- D. Laboratory Report: The proposer will document the results of the analytical work and quality within two (2) weeks from the date that the samples are received in the proposer's laboratory. The report must contain the following information:
1. Analytical results (with clear identification of samples)
  2. Analytical techniques/methods used
  3. Method detection levels
  4. Quality assurance/Quality control results of individual parameters
  5. Dates and times of analysis
  6. Names of analysts
  7. Completed chain-of-custody records
  8. Sample Identification
  9. Date & Time of Collection

10. Collector's Name
11. Sample Container
12. Sample Preservative
13. Is it a grab or composite
14. Equipment Calibration
15. Sample Preparation Log
16. Page Sequentially Numbered
17. Reporting Units
18. Report Signature
19. Red Flag indicator to note exceeding reporting limits or maximum containment levels, as listed in the Appendix
20. Include Chemical Translation as listed on chain of custodies

E. Reports will be provided to the following Brownsville PUB personnel:

Vicente Guerrero, III, Analytical Laboratory/WW Sludge Disposal Site (SDS)/Water Treatment Plants #1,#2

Louis Bennet, North/South Wastewater Treatment Plants/WW Sludge Disposal Site (SDS)

Ramiro Capistran, Environmental

Ramiro Capistran, Electric Laboratory

Jose A. Garza, Water Treatment Plants #1,#2 & SRWA

Rene Mariscal, Resaca Maintenance

## GENERAL REQUIREMENTS OF PROPOSAL

Proposed schedule will be as follows:

1	September 26, 2022	Release of RFP
2	September 30, 2022	Last Day to Submit Questions by 5:00 PM
3	October 12, 2022 by 5:00 PM	Submission of Proposals
4	October 13, 2022 at 10:00 AM	Acknowledgment of Proposals
5	October 13-30, 2022	Review of Proposals
6	October 31, 2022	Provide final recommendations
7	November 14, 2022	Board Approval

A committee will be appointed to review Proposals submitted by Environmental Laboratories. This committee shall make recommendations to the Brownsville PUB Board. All pricing in the Proposal will remain firm for two years after acceptance of Proposal.

### I. PROHIBITED INTEREST

No member, officer, or employer of the Brownsville PUB or member of its governing body during his/her tenure, or one (1) year thereafter, shall have any interest, direct or indirect, in any contract awarded by the Utility for this service.

### II. AFFIRMATION

Respondents shall be required to submit along with their proposals a copy of their

affirmative action plan making specific reference to non-discrimination against any employee or applicant based on race, religion, sex, national origin, age, marital status, or physically challenging condition, etc.

### III. KEY NOTES

Emphasis will be placed upon the expertise of individuals assigned to the job. Illustrative and descriptive material of the proposer is recommended. The proposer shall provide a list of previous related work experience with contact persons and phone numbers.

Key personnel (by name and position), relative experience, and capabilities, as well as subcontractors, will be evaluated closely.

### IV. EPA PERFORMANCE EVALUATION

Respondents shall submit copies of the "Performance Evaluation Reports" for their three most recent WS/WP Proficiency Testing (PT) and DMRQA studies.

### V. RANKING CRITERIA

<u>Criteria</u>	<u>Points</u>
1. Analytical Methods/Detection Levels	20
2. Quality Assurance/Quality Control Criteria	20
3. Experience of Laboratory/Key Personnel	20
4. Turnaround Time & Report Quality	15
5. Cost Factor	15
6. References (list 3 accounts serviced within last 3 yrs)	10
POSSIBLE MAXIMUM POINTS	100

### VI. SELECTION PROCESS

The Brownsville PUB will review and evaluate all of the respondents' proposals to determine which firms are going to be classified as "RESPONSIVE". Once it is determined which firms are responsive, then those firms' proposals shall be ranked per the above criteria.

The Brownsville PUB shall then proceed to award a contract to the firm that in the opinion of the Utility is the best and most advantageous. The decision of the Board shall be final.

RESPONDENTS SHALL ATTEST TO THE FACT THAT THEY HAVE READ AND ARE IN COMPLIANCE WITH ALL THE REQUIREMENTS AS STATED IN ALL OF THE AFOREMENTIONED, BY AFFIXING THEIR ORIGINAL SIGNATURE AND ENTERING



OTHER INFORMATION ASKED FOR BELOW.

---

TYPE/PRINT NAME

---

SIGNATURE **(Failure to sign will disqualify proposal)**

---

COMPANY

---

DATE

---

EMAIL

## COST FACTOR SHEET

P003-23

THIS INFORMATION IN THE OPINION OF THE BROWNSVILLE PUB IS NEEDED TO DETERMINE "REASONABLENESS OF COST" AND IS PART OF THE RANKING CRITERIA.

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>EST. QTY./YR.</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
<b>1. Water Treatment Plants Drinking &amp; Source Water Analyses</b>				
1	Metals	24	\$_____	\$_____
2	Minerals	24	\$_____	\$_____
3	Semi-volatiles (SOC5)	24	\$_____	\$_____
4	Herbicides (SOC3)	24	\$_____	\$_____
5	Volatile Organic Compounds	24	\$_____	\$_____
6	THMS	56	\$_____	\$_____
7	HAA5	56	\$_____	\$_____
8	TPH	4	\$_____	\$_____
9	Reactivity	4	\$_____	\$_____
10	Corrosivity	4	\$_____	\$_____
11	Ignitability	4	\$_____	\$_____
12	pH	4	\$_____	\$_____

**1. Water Treatment Plants - BPUB Laboratory Analysis Total:** \$\_\_\_\_\_

### **2. Electrical Power Plant Analyses**

13	Chloride	52	\$_____	\$_____
14	Sulfate	52	\$_____	\$_____
15	Copper	30	\$_____	\$_____
16	Total Dissolved Solids	52	\$_____	\$_____
17	Chemical Oxygen Demand	52	\$_____	\$_____
18	Aluminum	52	\$_____	\$_____
19	Oil and Grease	52	\$_____	\$_____

**2. Electrical Power Plant - BPUB Laboratory Analysis Total:** \$\_\_\_\_\_

### **3. Environmental Analyses**

20	Total PCB (Liquid/oil)	100	\$_____	\$_____
21	Total PCB (Soil)	50	\$_____	\$_____
22	TPH	25	\$_____	\$_____
23	Arsenic	20	\$_____	\$_____
24	Barium	20	\$_____	\$_____
25	Cadmium	20	\$_____	\$_____

<b><u>ITEM NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>EST. QTY./YR.</u></b>	<b><u>UNIT PRICE</u></b>	<b><u>TOTAL PRICE</u></b>
26	Chromium	20	\$ _____	\$ _____
27	Lead	20	\$ _____	\$ _____
28	Mercury	20	\$ _____	\$ _____
29	Selenium	20	\$ _____	\$ _____
30	Silver	20	\$ _____	\$ _____
31	BTEX	20	\$ _____	\$ _____
32	Sulfur	20	\$ _____	\$ _____
33	Reactivity	5	\$ _____	\$ _____
34	Corrosivity	5	\$ _____	\$ _____
35	Ignitability	5	\$ _____	\$ _____
36	pH	20	\$ _____	\$ _____

**3. Environmental - BPUB Laboratory Analysis Total:** \$ \_\_\_\_\_

#### **4. Pretreatment Industrial Discharge Monitoring**

37	Total Cyanides	127	\$ _____	\$ _____
38	Oil & Grease	300	\$ _____	\$ _____
39	Table II	4	\$ _____	\$ _____
40	30TAC 307 (Addit. Toxins)	4	\$ _____	\$ _____
41	TPH	43	\$ _____	\$ _____
42	BOD	220	\$ _____	\$ _____
43	TSS	220	\$ _____	\$ _____
44	Total Metals 12 elements including Mercury	44	\$ _____	\$ _____
45	Sulfides	200	\$ _____	\$ _____

**4. Pretreatment - BPUB Laboratory Analysis Total:** \$ \_\_\_\_\_

#### **5. WW Sludge Disposal Site (SDS)**

46	Groundwater Well at SDS	60	\$ _____	\$ _____
47	Soil at SDS	8	\$ _____	\$ _____

**5. WW SDS - BPUB Laboratory Analysis Total:** \$ \_\_\_\_\_

#### **6. Robindale Wastewater Treatment Plant**

48	Wastewater Table II	2	\$ _____	\$ _____
49	Wastewater Table III	8	\$ _____	\$ _____
50	Total Cyanides	32	\$ _____	\$ _____
51	30TAC 307 (Addit. Toxins)	2	\$ _____	\$ _____
52	THMS	2	\$ _____	\$ _____

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>EST. QTY./YR.</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
53	Sludge Table III	4	\$_____	\$_____
54	Sludge PCB's	4	\$_____	\$_____
55	Sludge TCLP	1	\$_____	\$_____
56	Fecal/TS	28	\$_____	\$_____

**6. Robindale WWTP - BPUB Laboratory Analysis Total:** \$\_\_\_\_\_

#### **7. South Wastewater Treatment Plants**

57	Wastewater Table II	2	\$_____	\$_____
58	Wastewater Table III	8	\$_____	\$_____
59	Total Cyanides	32	\$_____	\$_____
60	30TAC 307 (Addit. Toxins)	2	\$_____	\$_____
61	THMS	2	\$_____	\$_____
62	Sludge Table III	4	\$_____	\$_____
63	Sludge PCB's	1	\$_____	\$_____
64	Sludge TCLP	1	\$_____	\$_____
65	Fecal/TS	28	\$_____	\$_____

**7. Southside WWTP - BPUB Laboratory Analysis Total:** \$\_\_\_\_\_

#### **8. Resaca Maintenance Department**

66	Minerals	8	\$_____	\$_____
67	Metals	8	\$_____	\$_____
68	Total Suspended Solids	96	\$_____	\$_____
69	% Solids	50	\$_____	\$_____
70	Paint Filter Test	26	\$_____	\$_____

**8. Resaca Maintenance Dept. - BPUB Laboratory Analysis Total:** \$\_\_\_\_\_

**Total Cost of BPUB Laboratory Analysis:** \$\_\_\_\_\_

#### **9. Southmost Regional Water Authority (SRWA)**

71	Metals	2	\$_____	\$_____
72	Minerals	1	\$_____	\$_____
73	Conventional and non conventional parameters	8	\$_____	\$_____

**Total Cost of SRWA Laboratory Analysis:** \$\_\_\_\_\_

NOTE: SRWA monitors drinking water, wastewater & groundwater analyses.

Please provide costs for additional individual analysis on drinking water & wastewater samples as needed (performed in accordance with 40 CFR Part 136):

<u>Item</u>	<u>Parameter</u>	<u>Detection Level</u>	<u>Unit Cost</u>
1	Arsenic	0.003 mg/l	\$_____
2	Cadmium	0.0002 mg/l	\$_____
3	Chromium	0.001 mg/l	\$_____
4	Copper	0.001 mg/l	\$_____
5	Lead	0.005 mg/l	\$_____
6	Mercury	0.00005 mg/l	\$_____
7	Nickel	0.001 mg/l	\$_____
8	Selenium	0.003 mg/l	\$_____
9	Silver	0.001 mg/l	\$_____
10	Zinc	0.005 mg/l	\$_____
11	Molybdenum	0.005 mg/l	\$_____
12	Aluminum	0.010 mg/l	\$_____
13	Sulfide	50 mg/l	\$_____
14	Chlorite	0.05 mg/l	\$_____
15	Total Organic Carbon	0.5 mg/l	\$_____
16	TKN	0.1 mg/l	\$_____
17	Ammonia, as N	0.1 mg/l	\$_____
18	PCB in Oil	0.5 mg/l	\$_____
19	Metals digestion	N/A	\$_____
20	Mercury digestion	N/A	\$_____
21	CN amenable to chlorination	N/A	\$_____

SIGNATURE:\_\_\_\_\_

**(Failure to sign will disqualify proposal)**

TYPE/PRINT NAME:\_\_\_\_\_

TITLE:\_\_\_\_\_

COMPANY:\_\_\_\_\_

ADDRESS:\_\_\_\_\_

TELEPHONE NO.:\_\_\_\_\_

FAX NO.:\_\_\_\_\_

EMAIL ADDRESS:\_\_\_\_\_

# APPENDIX

# 1. Water Treatment Plants Drinking & Source Water Analyses Monitoring Table

Source and Drinking Water Monitoring							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Metals</b>							
Aluminum	<0.01	200.8	0.2	24	N/A	mg/l	Water
Arsenic	<0.0020	200.8	0.010	24	N/A	mg/l	Water
Barium	<0.002	200.8	2.0	24	N/A	mg/l	Water
Cadmium	<0.0012	200.8	0.01	24	N/A	mg/l	Water
Chromium	<0.01	200.8	0.1	24	N/A	mg/l	Water
Copper	<0.001	200.8	1.0	24	N/A	mg/l	Water
Iron	<0.013	200.7	0.3	24	N/A	mg/l	Water
Lead	<0.0011	200.8	0.015	24	N/A	mg/l	Water
Manganese	<0.008	200.8	0.05	24	N/A	mg/l	Water
Mercury	<0.0004	200.8	0.002	24	N/A	mg/l	Water
Nickel	<0.02	200.8	0.1	24	N/A	mg/l	Water
Selenium	<0.01	200.8	0.05	24	N/A	mg/l	Water
Silver	<0.01	200.8	0.1	24	N/A	mg/l	Water
Sodium	<0.5	200.7	N/A	24	N/A	mg/l	Water
Antimony	<0.0040	200.8	0.006	24	N/A	mg/l	Water
Beryllium	<0.001	200.8	0.004	24	N/A	mg/l	Water
Thallium	<0.0010	200.8	0.002	24	N/A	mg/l	Water
Zinc	<0.02	200.8	5.0	24	N/A	mg/l	Water
Calcium	< 0.02	200.8	100	24	N/A	mg/l	Water
Magnesium	< 0.10	200.7	N/A	24	N/A	mg/l	Water
<b>Minerals</b>							
Chloride	<2.0	300.0	250	24	N/A	mg/l	Water
Fluoride	<0.1	300.0	4.0	24	N/A	mg/l	Water
Total Nitrate	<0.09	300.0	10	24	N/A	mg/l	Water
Total Nitrite	<0.10	300.0	1.0	24	N/A	mg/l	Water
Sulfate	<0.3	300.0	250	24	N/A	mg/l	Water
Total Hardness as CaCO3	<2.0	130.2	N/A	24	N/A	mg/l	Water
pH	<2	150.1	7.8-8.2	24	N/A	mg/l	Water
Conductivity (umhos/cm)	N./A	120.1	N/A	24	N/A	mg/l	Water
Tot. AlKa. As CaCO3	<2.0	310.1	N/A	24	N/A	mg/l	Water

## Source and Drinking Water Monitoring

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Bicarbonate	<2.0	310	N/A	24	N/A	mg/l	Water
Carbonate	<2.0	310	N/A	24	N/A	mg/l	Water
Dissolved solids	<100	160.1	1,000	24	N/A	mg/l	Water
P. Alkalinity as CaCO3	<2.0	310.1	N/A	24	N/A	mg/l	Water
<b>Herbicides (Regulated)</b>							
2,4-D	<0.10	515.4	70	24	N/A	µg/L	Water
2,4,5-TP (Silvex)	<0.20	515.4	50	24	N/A	µg/L	Water
Pentachlorophenol	<0.04	515.4	1.0	24	N/A	µg/L	Water
Dalapon	<1.0	515.4	200	24	N/A	µg/L	Water
Dinoseb	<0.20	515.4	7	24	N/A	µg/L	Water
Picloram	<0.10	515.4	500	24	N/A	µg/L	Water
<b>Herbicides (Non-Regulated)</b>							
2,4,5-T	<5.0	515.4	N/A	24	N/A	µg/L	Water
Bentazon	<10.	515.4	N/A	24	N/A	µg/L	Water
Dicamba	<1.0	515.4	N/A	24	N/A	µg/L	Water
DCPA mono-&diacid Degradates	<1.0	515.4	N/A	24	N/A	µg/L	Water
<b>Carbamates</b>							
Aldicarb Sulfoxide	<0.30	531.1	<4	24	N/A	µg/L	Water
Alidicarb Sulfone	<0.30	531.1	<2	24	N/A	µg/L	Water
Oxamyl	<0.30	531.1	<5	24	N/A	µg/L	Water
Methomyl	<0.30	531.1	<2	24	N/A	µg/L	Water
3-Hydroxycarbofuran	<0.30	531.1	<5	24	N/A	µg/L	Water
Alidicarb	<0.30	531.1	<3	24	N/A	µg/L	Water
Baygon	<0.30	531.1	<3	24	N/A	µg/L	Water
Carbofuran	<0.30	531.1	<5	24	N/A	µg/L	Water
Carbaryl	<0.30	531.1	<5	24	N/A	µg/L	Water
Methiocarb	<0.30	531.1	<5	24	N/A	µg/L	Water
<b>Semivolatiles (SOC 5) Pesticides</b>							
Alachlor	<0.20	525.2	2.0	24	N/A	µg/L	Water
Aldrin	<0.20	525.2	N/A	24	N/A	µg/L	Water
Atrazine	<0.20	525.2	3.0	24	N/A	µg/L	Water
Bromacil	<0.20	525.2	N/A	24	N/A	µg/L	Water
Butachlor	<0.20	525.2	N/A	24	N/A	µg/L	Water



## Source and Drinking Water Monitoring (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Chlordane (alpha-chlordane)	<0.20	525.2	N/A	24	N/A	µg/L	Water
Chlordane (gamma-chlordane)	<0.20	525.2	N/A	24	N/A	µg/L	Water
Chlordane (trans-nonachlor)	<0.20	525.2	N/A	24	N/A	µg/L	Water
Dieldrin	<0.20	525.2	N/A	24	N/A	µg/L	Water
Endrin	<0.20	525.2	2.0	24	N/A	µg/L	Water
Heptachlor	<0.20	525.2	0.4	24	N/A	µg/L	Water
Heptachlor epoxide	<0.20	525.2	0.2	24	N/A	µg/L	Water
<b>Semivolatiles (SOC 5) Pesticides (Continued)</b>							
Hexachlorobenzene	<0.20	525.2	1.0	24	ND	µg/L	Water
Hexachlorocyclopentadiene	<0.20	525.2	50	24	ND	µg/L	Water
Lindane	<0.20	525.2	0.2	24	ND	µg/L	Water
Methoxychlor	<0.20	525.2	40	24	ND	µg/L	Water
Metolachlor	<0.20	525.2	N/A	24	ND	µg/L	Water
Metribuzin	<0.20	525.2	N/A	24	ND	µg/L	Water
Parathion, ethyl	<0.20	525.2	N/A	24	ND	µg/L	Water
Parathion, methyl	<0.20	525.2	N/A	24	ND	µg/L	Water
Pentachlorophenol	<0.20	525.2	<1.0	24	ND	µg/L	Water
Prometon	<0.20	525.2	<0.20	24	ND	µg/L	Water
Propachlor	<0.20	525.2	N/A	24	ND	µg/L	Water
Simazine	<0.20	525.2	4.0	24	ND	µg/L	Water
Trifluralin	<0.20	525.2	<0.20	24	ND	µg/L	Water
Acenaphthene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Acenaphthylene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Anthracene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Benzo[a]anthracene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Benzo[a]pyrene	<0.20	525.2	0.2	24	ND	µg/L	Water
Benzo[b]fluoranthene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Benzo[g,h,i]perylene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Benzo[k]fluoranthene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Chrysene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Dibenz[a,h]anthracene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Fluorene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Indeno[1,2,3,c,d]pyrene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Naphthalene	<0.20	525.2	<0.20	24	ND	µg/L	Water

## Source and Drinking Water Monitoring (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Semivolatiles (SOC 5) Pesticides</b>							
Phenanthrene	<0.20	525.2	<0.20	24	ND	µg/L	Water
Pyrene	<0.20	525.2	<0.20	24	ND	µg/L	Water
2-Chlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
2,3-Dichlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
2,4,5-Trichlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
2,2',4,4'-Tetrachlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
2,2',3',4,6-Pentachlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	525.2	<0.20	24	ND	µg/L	Water
<b>Semivolatiles (SOC 5) Pesticides (Continued)</b>							
2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.51	525.2	<0.51	24	ND	µg/L	Water
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.51	525.2	<0.51	24	ND	µg/L	Water
Di-(2-ethylhexyl)adipate	<2.04	525.2	400	24	ND	µg/L	Water
Di-(2-ethylhexyl)phthalate	<2.04	525.2	6	24	ND	µg/L	Water
Butylbenzylphthalate	<2.04	525.2	<2.04	24	ND	µg/L	Water
Di-n-butylphthalate	<2.04	525.2	<2.04	24	ND	µg/L	Water
Diethylphthalate	<2.04	525.2	<2.04	24	ND	µg/L	Water
Dimethylphthalate	<2.04	525.2	<2.04	24	ND	µg/L	Water
2,4-Dinitrotoluene	<2.0	525.2	<2.0	24	ND	µg/L	Water
2,6-Dinitrotoluene	<2.0	525.2	<2.0	24	ND	µg/L	Water
4,4-DDE	<0.8	525.2	<0.8	24	ND	µg/L	Water
Acetochlor	<2.0	525.2	<2.0	24	ND	µg/L	Water
EPTC	<1.0	525.2	<1.0	24	ND	µg/L	Water
Molinate	<0.9	525.2	<0.9	24	ND	µg/L	Water
Terbacil	<2.0	525.2	<2.0	24	ND	µg/L	Water
<b>HAA5</b>							
Chloroacetic Acid	<2.0	552.2	N/A	56	N/A	µg/L	Water
Dichloroacetic Acid	<1.0	552.2	N/A	56	N/A	µg/L	Water
Trichloroacetic Acid	<1.0	552.2	N/A	56	N/A	µg/L	Water
Bromoacetic Acid	<1.0	552.2	N/A	56	N/A	µg/L	Water
Dibromoacetic Acid	<1.0	552.2	N/A	56	N/A	µg/L	Water
Total Regulated Haloacetic Acids (HAA5)	N/A	552.2	60	56	N/A	µg/L	Water

## Source and Drinking Water Monitoring (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>THMS</b>							
Chloroform	<1.00	524.2	N/A	56	N/A	µg/L	Water
Bromodichloromethane	<1.00	524.2	N/A	56	N/A	µg/L	Water
Dibromochloromethane	<1.00	524.2	N/A	56	N/A	µg/L	Water
Bromoform	<1.00	524.2	N/A	56	N/A	µg/L	Water
Total Trihalomethanes	N/A	524.2	80	56	N/A	µg/L	Water
<b>Other Parameters</b>							
Total Cyanide	0.005	335.4	N/A	4	N/A	mg/l	Water
TPH	N/A	418.1	N/A	4	N/A	mg/l	Water
<b>RCI:</b>							
Reactivity	N/A	Cyanide/Sulfide	N/A	4	N/A	N/A	Water
Corrosivity	N/A	EPA9040/41/45; 1030; 1110	N/A	4	N/A	N/A	Water
Ignitability	N/A	ASTM D 93-79/80	N/A	4	N/A	N/A	Water
pH	N/A	9045/150.1	N/A	4	N/A	S.U.	Water

## 2. Electrical Power Plant Monitoring Table

Electrical Power Plant Monitoring							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>OUTFALL 001</b>							
Chloride	< 2.0	300.0	30	52	n/a - n/a	mg/L	liquid aqueous
Sulfate	< 0.3	300.0	150	52	n/a - n/a	mg/L	liquid aqueous
Copper	< 001	200.8	1.0	30	.16 - .35	mg/L	liquid aqueous
Total Dissolved Solids	< 1.0	160.1	9,900	52	n/a - n/a	mg/L	liquid aqueous
<b>OUTFALL 002</b>							
Chemical Oxygen Demand	20.0	410.4 / SM 5220 D	20	52	n/a - 200	mg/L	liquid aqueous
Oil & Grease	4.0	1664 A	4	52	15 - 20	mg/L	liquid aqueous
Aluminum	0.01	200.8	10.0	52	n/a - n/a	mg/L	liquid aqueous
Total Dissolved Solids	< 1.0	160.1	9,900	52	n/a - n/a	mg/L	liquid aqueous
<b>OUTFALL 101</b>							
Oil & Grease	4.0	1664 A	4	52	15 - 20	mg/L	liquid aqueous

Frequency applies only when there is a Outfall discharge

### 3. Environmental Monitoring Table

Environmental Monitoring							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Freq.	Min. & Max	Reportable Units	Type of sample
<b>PCB's</b>							
Total PCB	<0.5	SW-8082	1.0	100/ yr.	N/A	mg/L	Liquid/Oil
Total PCB	<0.5	SW-8082	1.0	50/yr.	N/A	mg/Kg	Soil
TPH	N/A	TX 1005/418.1	N/A	25/yr.	N/A	mg/Kg	Soil
<b>TCLP</b>							
Arsenic	<0.002	SW-846/200.7	0.05	20/yr.	N/A	mg/L	Soil
Barium	<0.01	SW-846/200.7	1.0	20/yr.	N/A	mg/L	Soil
Cadmium	<0.002	SW-846/200.7	0.005	20/yr.	N/A	mg/L	Soil
Chromium	<0.01	SW-846/200.7	0.1	20/yr.	N/A	mg/L	Soil
Lead	<0.02	SW-846/200.7	0.05	20/yr.	N/A	mg/L	Soil
Mercury	0.04	SW-846/200.7	0.002	20/yr.	N/A	mg/L	Soil
Selenium	<0.01	SW-846/200.7	0.05	20/yr.	N/A	mg/L	Soil
Silver	<0.02	SW-846/200.7	0.05	20/yr.	N/A	mg/L	Soil
BTEX	<1.0	8260 B	N/A	20/yr.	N/A	ug/L	Liquid
Sulfur	N/A	ASTM D 2880-71, 78, or 96	N/A	20/yr.	N/A	% By weight	Liquid
<b>RCI:</b>							
Reactivity	N/A	Cyanide/Sulfide	N/A	5/yr.	N/A	N/A	Soil
Corrosivity	N/A	EPA9040/41/45; 1030; 1110	N/A	5/yr.	N/A	N/A	Soil
Ignitability	N/A	ASTM D 93-79/80	N/A	5/yr.	N/A	N/A	Soil
pH	N/A	9045/150.1	N/A	20/yr.	N/A	S.U.	Soil

#### 4. Pretreatment Industrial Discharge Parameter Monitoring Table

Pretreatment Monitoring Table							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
BOD	2.0	SM 5210 B	200	220	N/A	mg/l	Wastewater Liquid
TSS	1.0	SM 2540 D	200	220	N/A	mg/l	Wastewater Liquid
O&G	4.0	1664 A	300	300	N/A	mg/l	Wastewater Liquid
<b>METALS</b>							
Total Arsenic	0.003	200.8 rev. 5.4(1994)	0.100	44	N/A	mg/l	Wastewater Liquid
Total Aluminum	0.01	200.8 rev. 5.4(1994)	498.43	44	N/A	mg/l	Wastewater Liquid
Total Cadmium	0.0002	200.8 rev. 5.4(1994)	0.05	44	N/A	mg/l	Wastewater Liquid
Total Chromium	0.001	200.8 rev. 5.4(1994)	0.5	44	N/A	mg/l	Wastewater Liquid
Total Copper	0.001	200.8 rev. 5.4(1994)	0.5	44	N/A	mg/l	Wastewater Liquid
Total Lead	0.0005	200.8 rev. 5.4(1994)	0.5	44	N/A	mg/l	Wastewater Liquid
Total Mercury	0.00006	245.1	0.0002	44	N/A	mg/l	Wastewater Liquid
Total Molybdenum	0.005	200.8 rev. 5.4(1994)	N/A	44	N/A	mg/l	Wastewater Liquid
Total Nickel	0.001	200.8 rev. 5.4(1994)	0.100	44	N/A	mg/l	Wastewater Liquid
Total Silver	0.001	200.8 rev. 5.4(1994)	0.05	44	N/A	mg/l	Wastewater Liquid
Total Selenium	0.003	200.8 rev. 5.4(1994)	0.05	44	N/A	mg/l	Wastewater Liquid
Total Zinc	0.005	200.8 rev. 5.4(1994)	0.05	44	N/A	mg/l	Wastewater Liquid
Total Cyanide	0.005	335.4	0.038	220	N/A	mg/l	Wastewater Liquid
TPH	N/A	1005	N/A	43	N/A	mg/l	Wastewater Liquid
Sulfide	10	/ 4500-S2	270.31	200	N/A	mg/l	Wastewater Liquid
<b>VOLATILES</b>							
Acrolein	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Acrylonitrile	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Benzene	0.01	624 / 8260	0.297	4	N/A	mg/l	Wastewater Liquid
Bromoform	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Carbon Tetrachloride	0.01	624 / 8260	0.023	4	N/A	mg/l	Wastewater Liquid
Chlorobenzene	0.01	624 / 8260	3.861	4	N/A	mg/l	Wastewater Liquid
Chlorodibromomethane	0.197	624 / 8260	0.200	4	N/A	mg/l	Wastewater Liquid
Chloroethane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
2-Chloroethylvinyl Ether	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Chloroform	3.566	624 / 8260	3.613	4	N/A	mg/l	Wastewater Liquid
Dichlorobromomethane	0.01	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid

### Pretreatment Monitoring Table (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
1,1-Dichloroethane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
1,2-Dichloroethane	0.01	624 / 8260	0.206	4	N/A	mg/l	Wastewater Liquid
1,1-Dichloroethylene	0.01	624 / 8260	0.016	4	N/A	mg/l	Wastewater Liquid
<b>VOLATILES</b>							
1,2-Dichloropropane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
1,3-Dichloropropylene	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Ethyl benzene	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Methyl Bromide	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Methyl Chloride	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Methylene Chloride	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
1,1,2,2-Tetra-chloroethane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Tetrachloroethylene	0.01	624 / 8260	0.902	4	N/A	mg/l	Wastewater Liquid
Toluene	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
1,2,-Trans-Dichloroethane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
1,1,1-Trichloroethane	0.01	624 / 8260	35.219	4	N/A	mg/l	Wastewater Liquid
1,1,2-Trichloroethane	N/A	624 / 8260	N/A	4	N/A	mg/l	Wastewater Liquid
Trichloroethylene	0.01	624 / 8260	1.712	4	N/A	mg/l	Wastewater Liquid
Vinyl Chloride	0.01	624 / 8260	1.162	4	N/A	mg/l	Wastewater Liquid
<b>ACID COMPOUNDS</b>							
2-Chlorophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,4-Dichlorophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,4-Dimethylphenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
4,6-Dinitro-o-Cresol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,4-Dinitrophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2-Nitrophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
4-Nitrophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
P-Chloro-m-Cresol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Pentachlorophenol	0.01	625 / 8270	0.377	4	N/A	mg/l	Wastewater Liquid
Phenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,4,6-Trichlorophenol	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
<b>BASE/NEUTRAL COMPOUNDS</b>							
Acenaphthene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Acenaphthylene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Anthracene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid

### Pretreatment Monitoring Table (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Benzidine	0.0000097	625 / 8270	0.0000097	4	N/A	mg/l	Wastewater Liquid
Benzo(a)Anthracene	0.001	625 / 8270	0.002266	4	N/A	mg/l	Wastewater Liquid
Benzo(a)Pyrene	0.001	625 / 8270	0.002266	4	N/A	mg/l	Wastewater Liquid
3,4-Benzofluoranthene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Benzo(ghi)Perylene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
<b>BASE/NEUTRAL COMPOUNDS</b>							
Benzo(k)Fluoranthene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Bis(2-Chloroethoxy) Methane	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Bis-(2-Chloroethyl)Ether	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Bis(2-Chloroisopropyl) Ether	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Bis(2-Ethylhexyl) Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
4-Bromophenyl Phenyl Ether	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Butylbenzyl Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2-Chloronaphthalene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
4-Chlorophenyl Phenyl Ether	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Chrysene	0.001	625 / 8270	0.02266	4	N/A	mg/l	Wastewater Liquid
Dibenzo(a,h)Anthracene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
1,2-Dichlorobenzene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
1,3-Dichlorobenzene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
1,4-Dichlorobenzene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
3,3-Dichlorobenzidine	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Diethyl Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Dimethyl Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Di-n-Butyl Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,4-Dinitrotoluene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
2,6-Dinitrotoluene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Di-n-Octyl Phthalate	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
1,2-Diphenyl Hydrazine	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Fluoranthene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Fluorene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Hexachlorobenzene	0.00005	625 / 8270	0.000055	4	N/A	mg/l	Wastewater Liquid
Hexachlorobutadiene	0.001	625 / 8270	0.010073	4	N/A	mg/l	Wastewater Liquid
Hexachloro-cyclopentadiene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Hexachloroethane	0.02	625 / 8270	0.77650	4	N/A	mg/l	Wastewater Liquid



### Pretreatment Monitoring Table (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Indeno(1,2,3-cd)pyrene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Isophorone	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Naphthalene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Nitrobenzene	0.01	625 / 8270	0.654	4	N/A	mg/l	Wastewater Liquid
N-Nitrosodimethylamine	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
N-Nitrosodi-n-Propylamine	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
N-Nitrosodiphenylamine	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
Phenanthrene	0.001	625 / 8270	0.00746	4	N/A	mg/l	Wastewater Liquid
<b>BASE/NEUTRAL COMPOUNDS (Con't)</b>							
Pyrene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
1,2,4-Trichlorobenzene	N/A	625 / 8270	N/A	4	N/A	mg/l	Wastewater Liquid
<b>PESTICIDES</b>							
Aldrin	0.0012	608 / 8140	0.0012	4	N/A	mg/l	Wastewater Liquid
alpha-BHC	0.00115	608 / 8140	0.00115	4	N/A	mg/l	Wastewater Liquid
beta-BHC	0.00404	608 / 8140	0.00404	4	N/A	mg/l	Wastewater Liquid
gamma-BHC	0.00562	608 / 8140	0.00562	4	N/A	mg/l	Wastewater Liquid
delta-BHC	N/A	608 / 8140	N/A	4	N/A	mg/l	Wastewater Liquid
Chlordane	0.000008	608 / 8140	0.000008	4	N/A	mg/l	Wastewater Liquid
4,4-DDT	0.000021	608 / 8140	0.000021	4	N/A	mg/l	Wastewater Liquid
4,4-DDE	0.000021	608 / 8140	0.000021	4	N/A	mg/l	Wastewater Liquid
4,4-DDD,	0.000029	608 / 8140	0.000029	4	N/A	mg/l	Wastewater Liquid
Dieldrin	0.000004	608 / 8140	0.000004	4	N/A	mg/l	Wastewater Liquid
Alpha-Endosulfan	0.000016	608 / 8140	0.000016	4	N/A	mg/l	Wastewater Liquid
Beta-Endosulfan	0.000016	608 / 8140	0.000016	4	N/A	mg/l	Wastewater Liquid
Endosulfan Sulfate	0.000016	608 / 8140	0.000016	4	N/A	mg/l	Wastewater Liquid
Endrin	0.000003	608 / 8140	0.000003	4	N/A	mg/l	Wastewater Liquid
Endrin Aldehyde	N/A	608 / 8140	N/A	4	N/A	mg/l	Wastewater Liquid
Heptachlor	0.000007	608 / 8140	0.000007	4	N/A	mg/l	Wastewater Liquid
Heptachlor-Epoxyde	0.003034	608 / 8140	0.003034	4	N/A	mg/l	Wastewater Liquid
PCB-1242	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
PCB-1254	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
PCB-1221	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
PCB-1232	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
PCB-1248	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid

### Pretreatment Monitoring Table (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
PCB-1260	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
PCB-1016	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid
Toxaphene	0.0000054	608 / 8140	0.0000054	4	N/A	mg/l	Wastewater Liquid

**Note.- MDL was taken from TCEQ TEX-TOX, for only the applying pretreatment parameters. Also MCL were taken from the same TEX-TOX list, we used daily average values.**

**5. Sludge Disposal Sites Monitoring Table for Wasterwater NPDES Permit**

<b>Sludge Disposal Sites Monitoring Table</b>							
<b>Parameter</b>	<b>MDL / RL</b>	<b>EPA Method / Standard Method</b>	<b>MCL</b>	<b>Total per Year</b>	<b>Maximum Range</b>	<b>Reportable Units</b>	<b>Type of sample</b>
<b>Sludge Site Groundwater Wells Monitoring</b>							
Fecal Coliform	< 1	SM 9222 D	N/A	60	N/A	CFU/100 mls	Wastewater
Total Nitrogen	<0.0500	351.2	N/A	60	N/A	mg/L	Wastewater
Nitrate Nitrogen	<1.00	SW846 / 9056	N/A	60	N/A	mg/L	Wastewater
Ammonia Nitrogen	<0.020	350.1	N/A	60	N/A	mg/L	Wastewater
Phosphorus	<0.100	6010B	N/A	60	N/A	mg/L	Wastewater
Total Dissolved Solids	<100	160.1	N/A	60	N/A	mg/L	Wastewater
Conductivity	N/A	SW846 / 9050A	N/A	60	N/A	µmhos/cm	Wastewater
Fecal Coliform	< 2	9222 D	N/A	60	N/A	#/100 mL	Wastewater
Arsenic	<0.005	6020	N/A	60	N/A	mg/L	Wastewater
Chromium	<0.001	6020	N/A	60	N/A	mg/L	Wastewater
Potassium	2.00	6010B	N/A	60	N/A	mg/L	Wastewater
Cadmium	<0.001	6020	N/A	60	N/A	mg/L	Wastewater
Lead	0.001	6020	N/A	60	N/A	mg/L	Wastewater
Zinc	<0.005	6020	N/A	60	N/A	mg/L	Wastewater
Copper	<0.001	6020	N/A	60	N/A	mg/L	Wastewater
Nickel	<0.001	6020	N/A	60	N/A	mg/L	Wastewater
pH	<2	150.1	N/A	60	N/A	S.U.	Wastewater
PCB – 1242	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1254	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1221	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1232	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1248	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1260	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
PCB – 1016	<0.001	SW8082	N/A	60	N/A	mg/L	Wastewater
<b>Sludge Soil Sites</b>							
Fecal Coliform	< 2	SM 9221 C/E	N/A	30	N/A	mg/kg	Soil
pH	< 2	9045C	N/A	30	N/A	S.U.	Soil
Arsenic	1.5	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Cadmium	0.500	SW846 / 6020	N/A	30	N/A	mg/kg	Soil

## Sludge Disposal Sites Monitoring Table

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Chromium	0.50	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Copper	0.50	SW846 / 6020	N/A	30	N/A	mg/kg	Soil

## Sludge Disposal Sites Monitoring Table (con't)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
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### Sludge Soil Sites (Continued)

Lead	0.25	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Mercury	0.20	7471A	N/A	30	N/A	mg/kg	Soil
Molybdenum	0.50	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Nickel	0.50	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Selenium	1.5	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Zinc	2.5	SW846 / 6020	N/A	30	N/A	mg/kg	Soil
Potassium	500	SW846 / 6010B	N/A	30	N/A	mg/kg	Soil
Total Phosphorus	100	SW846 / 6010B	N/A	30	N/A	mg/kg	Soil
Extractable Phosphorus	N/A	TX Ag Ext-Soil IV	N/A	30	N/A	mg/kg	Soil
Ammonia Nitrogen	<2.0	350.1	N/A	30	N/A	mg/kg	Soil
Total Nitrogen	<2.0	351.2	N/A	30	N/A	mg/kg	Soil
Nitrate Nitrogen	<0.1	SW846/9056	N/A	30	N/A	mg/kg	Soil
Cation Exchange Capacity	100	SW9081	N/A	30	N/A	meq/kg	Soil
PCB – 1242	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1254	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1221	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1232	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1248	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1260	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil
PCB – 1016	<0.001	SW8082	N/A	30	N/A	mg/kg	Soil

# 6. Robindale Wastewater Treatment Plant Monitoring Table

Wastewater Monitoring Table							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Table III -- Other Toxic Pollutants (Metals, Cyanide and Total Phenols)</b>							
Antimony	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Arsenic	0.003	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Beryllium	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Cadmium	0.0002	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Chromium (Total)	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Copper	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Lead	0.0005	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Mercury	0.0002	245.1	N/A	8	N/A	mg/L	Wastewater
Nickel	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Selenium	0.003	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Silver	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Thallium	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Zinc	0.005	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Cyanide	0.005	335.3	N/A	8	N/A	mg/L	Wastewater
Phenols, Total	N/A	420.1	N/A	8	N/A	mg/L	Wastewater
T. Molybdenum	0.005	6020 A	N/A	8	N/A	mg/L	Wastewater
<b>Table II -- Organic Toxic Pollutants in Each of Four Fractions in Analysis by Gas Chromatography/Mass Spectroscopy (GS/MS)</b>							
<b>VOLATILES</b>							
Acrolein	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Acrylonitrile	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Benzene	1.4133715	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Bromoform	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Carbon Tetrachloride	0.8244667	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chlorobenzene	22.410093	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chlorodibromomethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
2-Chloroethylvinyl Ether	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chloroform	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Dichlorobromomethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
1,1-Dichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2-Dichloroethane	8.1268862	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1-Dichloroethylene	0.3959252	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2-Dichloropropane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,3-Dichloropropylene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Ethyl benzene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methyl Bromide	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methyl Chloride	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methylene Chloride	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,2,2-Tetra-chloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Tetrachloroethylene	8.2990273	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Toluene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2,-Trans-Dichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,1-Trichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,2-Trichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Trichloroethylene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Vinyl Chloride	0.4280885	624 / 8260	N/A	2	N/A	mg/L	Wastewater
<b>ACID COMPOUNDS</b>							
2-Chlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dichlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dimethylphenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4,6-Dinitro-o-Cresol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dinitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2-Nitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Nitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
P-Cloro-m-Cresol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Pentachlorophenol	11.423	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Phenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4,6-Trichlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
<b>BASE/NEUTRAL COMPOUNDS</b>							
Acenaphthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Acenaphthylene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Anthracene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Benzidine	0.0000159	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(a)Anthracene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(a)Pyrene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
3,4-Benzofluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(ghi)Perylene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(k)Fluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Chloroethoxy) Methane	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis-(2-Chloroethyl)Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Chloroisopropyl) Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Ethylhexyl) Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Bromophenyl Phenyl Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Butylbenzyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2-Chloronaphthalene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Chlorophenyl Phenyl Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Chrysene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Dibenzo(a,h)Anthracene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,3-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,4-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
3,3-Dichlorobenzidine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Diethyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Dimethyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Di-n-Butyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dinitrotoluene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,6-Dinitrotoluene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Di-n-Octyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2-Diphenyl Hydrazine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Fluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/lt	Wastewater
Fluorene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachlorobenzene	0.0000584	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachlorobutadiene	0.0507364	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachloro-cyclopentadiene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachloroethane	0.4262765	625 / 8270	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Indeno(1,2,3-cd)pyrene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Isophorone	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Naphthalene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Nitrobenzene	3.2661565	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodimethylamine	0.0347907	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodi-n-Propylamine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodiphenylamine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Phenanthrene	0.0252693	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Pyrene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2,4-Trichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
<b>PESTICIDES</b>							
Aldrin	0.0001481	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
alpha-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
beta-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
gamma-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
delta-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Chlordane	0.0000107	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDT	0.0000025	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDE	0.0002469	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDD,	0.0013545	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Dieldrin	0.0000047	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
alpha-Endosulfan	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
beta-Endosulfan	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endosulfan Sulfate	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endrin	0.0000057	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endrin Aldehyde	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Heptachlor	0.0000094	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Heptachlor-Epoxide	0.033477	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
PCB-1242	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1254	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1221	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1232	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1248	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater



### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
PCB-1260	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1016	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
Toxaphene	0.0000005	8082	N/A	4	N/A	mg/L	Wastewater
<b>ADDIT. TOXIC UNDER 30 TAC CHAPTER 307</b>							
Aluminum	0.8347292	200.8	N/A	2	N/A	mg/L	Wastewater
Barium	2	200.8	N/A	2	N/A	mg/L	Wastewater
Bis(Chloromethyl) ether	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Carbaryl	0.0016846		N/A	2	N/A	mg/L	Wastewater
Chloropyrifos	0.0000699	614	N/A	2	N/A	mg/L	Wastewater
Cresols	211.40325	625	N/A	2	N/A	mg/L	Wastewater
2,4-D(2,4Dichlorophenoxyacetic)	N/A	615	N/A	2	N/A	mg/L	Wastewater
Danitol	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Demeton	0.0002479	614	N/A	2	N/A	mg/L	Wastewater
Diazinon	N/A	614	N/A	2	N/A	mg/L	Wastewater
Dicofol	0.000983	608	N/A	2	N/A	mg/L	Wastewater
Dioxin/Furans	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Fluoride	N/A	300	N/A	2	N/A	mg/L	Wastewater
Guthion	0.0000248	614	N/A	2	N/A	mg/L	Wastewater
Hexachlorophene	0.000241	604.1	N/A	2	N/A	mg/L	Wastewater
Malathion	0.0000248	614	N/A	2	N/A	mg/L	Wastewater
Methoxychlor	0.0000744	608	N/A	2	N/A	mg/L	Wastewater
Methyl Ethyl Ketone	4016.6342	624	N/A	2	N/A	mg/L	Wastewater
Mirex	0.0000025	608	N/A	2	N/A	mg/L	Wastewater
Nitrate-Nitrogen	N/A	300	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodiethylamine	0.0347907	625	N/A	2	N/A	mg/L	Wastewater
N-Nitro-di-n-Butylamine	0.0611555	625	N/A	2	N/A	mg/L	Wastewater
Parathion	0.0000322	614	N/A	2	N/A	mg/L	Wastewater
Pentachlorobenzene	0.0000548	625	N/A	2	N/A	mg/L	Wastewater
1,2-Dibromoethane	0.0052095	624	N/A	2	N/A	mg/L	Wastewater
1,2,4,5-Tetrachlorobenzene	0.0068857	625	N/A	2	N/A	mg/L	Wastewater
2,4,5-PT (Silvex)	N/A	615	N/A	2	N/A	mg/L	Wastewater
Tributyltin <sup>9</sup> (Chloride)	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
2,4,5-Trichlorophenol	0.1145542	625	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
TTHM(Total Trihalomethanes)	N/A	624	N/A	2	N/A	mg/L	Wastewater
<b>TCLP</b>							
TCLP Arsenic	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Barium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Cadmium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Chromium	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Lead )	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Selenium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Silver	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Mercury	0.0015	7470A	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4 D	0.5	8151	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4,5-TP (Silvex)	0.5	8151-TCLP	N/A	1	N/A	mg/L	WW sludge
TCLP 1,2-Dichloroethane	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Benzene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP 1,1-Dichloroethene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Carbon Tetrachloride	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Chlorobenzene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Chloroform	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP MEK	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Tetrachloroethylene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Trichloroethylene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Vinyl Chloride	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP 1,4-Dichlorobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4-Dinitrotoluene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 4-Methylphenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2-Methylphenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorethane	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorobutadiene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Nitrobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Pentachlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Pyridine	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Total Cresols	0.01	8270C	N/A	1	N/A	mg/L	WW sludge

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
TCLP 2,4,6-Trichlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4,5-Trichlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Bis(2-chloroethyl)	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Gamma-BHC (Lindane)	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Chlordane	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Endrin	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Heptachlor	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Heptachlor Epoxide	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Methoxychlor	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Toxaphene	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
Fecal Coliform/Total Solids (Calculation)	< 2	SM 9221C/E & SM2540 G	N/A	28	N/A	MPN/TS G	WW sludge

## 7. Southside Wastewater Treatment Plant Monitoring Table

Wastewater Monitoring Table							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Table III -- Other Toxic Pollutants (Metals, Cyanide and Total Phenols)</b>							
Antimony	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Arsenic	0.003	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Beryllium	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Cadmium	0.0002	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Chromium (Total)	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Copper	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Lead	0.0005	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Mercury	0.0002	245.1	N/A	8	N/A	mg/L	Wastewater
Nickel	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Selenium	0.003	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Silver	0.001	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Thallium	N/A	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Zinc	0.005	200.8 rev 5.4 (1994)	N/A	8	N/A	mg/L	Wastewater
Cyanide	0.005	335.3	N/A	8	N/A	mg/L	Wastewater
Phenols, Total	N/A	420.1	N/A	8	N/A	mg/L	Wastewater
T. Molybdenum	0.005	6020 A	N/A	8	N/A	mg/L	Wastewater
<b>Table II -- Organic Toxic Pollutants in Each of Four Fractions in Analysis by Gas Chromatography/Mass Spectroscopy (GS/MS)</b>							
<b>VOLATILES</b>							
Acrolein	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Acrylonitrile	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Benzene	1.4133715	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Bromoform	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Carbon Tetrachloride	0.8244667	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chlorobenzene	22.410093	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chlorodibromomethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
2-Chloroethylvinyl Ether	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Chloroform	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Dichlorobromomethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater

**Wastewater Monitoring Table (Cont.)**

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
1,1-Dichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2-Dichloroethane	8.1268862	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1-Dichloroethylene	0.3959252	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2-Dichloropropane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,3-Dichloropropylene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Ethyl benzene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methyl Bromide	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methyl Chloride	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Methylene Chloride	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,2,2-Tetra-chloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Tetrachloroethylene	8.2990273	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Toluene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,2,-Trans-Dichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,1-Trichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
1,1,2-Trichloroethane	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Trichloroethylene	N/A	624 / 8260	N/A	2	N/A	mg/L	Wastewater
Vinyl Chloride	0.4280885	624 / 8260	N/A	2	N/A	mg/L	Wastewater
<b>ACID COMPOUNDS</b>							
2-Chlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dichlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dimethylphenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4,6-Dinitro-o-Cresol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dinitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2-Nitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Nitrophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
P-Chloro-m-Cresol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Pentachlorophenol	11.423	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Phenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4,6-Trichlorophenol	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
<b>BASE/NEUTRAL COMPOUNDS</b>							
Acenaphthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Acenaphthylene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Anthracene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Benzidine	0.0000159	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(a)Anthracene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(a)Pyrene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
3,4-Benzofluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(ghi)Perylene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Benzo(k)Fluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Chloroethoxy) Methane	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis-(2-Chloroethyl)Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Chloroisopropyl) Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Bis(2-Ethylhexyl) Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Bromophenyl Phenyl Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Butylbenzyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2-Chloronaphthalene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
4-Chlorophenyl Phenyl Ether	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Chrysene	0.00012	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Dibenzo(a,h)Anthracene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,3-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,4-Dichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
3,3-Dichlorobenzidine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Diethyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Dimethyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Di-n-Butyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,4-Dinitrotoluene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
2,6-Dinitrotoluene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Di-n-Octyl Phthalate	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2-Diphenyl Hydrazine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Fluoranthene	N/A	625 / 8270	N/A	2	N/A	mg/lt	Wastewater
Fluorene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachlorobenzene	0.0000584	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachlorobutadiene	0.0507364	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachloro-cyclopentadiene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Hexachloroethane	0.4262765	625 / 8270	N/A	2	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
Indeno(1,2,3-cd)pyrene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Isophorone	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Naphthalene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Nitrobenzene	3.2661565	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodimethylamine	0.0347907	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodi-n-Propylamine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodiphenylamine	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Phenanthrene	0.0252693	625 / 8270	N/A	2	N/A	mg/L	Wastewater
Pyrene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
1,2,4-Trichlorobenzene	N/A	625 / 8270	N/A	2	N/A	mg/L	Wastewater
<b>PESTICIDES</b>							
Aldrin	0.0001481	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
alpha-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
beta-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
gamma-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
delta-BHC	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Chlordane	0.0000107	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDT	0.0000025	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDE	0.0002469	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
4,4-DDD,	0.0013545	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Dieldrin	0.0000047	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
alpha-Endosulfan	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
beta-Endosulfan	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endosulfan Sulfate	0.0001388	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endrin	0.0000057	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Endrin Aldehyde	N/A	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Heptachlor	0.0000094	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
Heptachlor-Epoxide	0.033477	8081A / 8140	N/A	2	N/A	mg/L	Wastewater
PCB-1242	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1254	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1221	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1232	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1248	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
PCB-1260	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
PCB-1016	0.0000059	8082	N/A	4	N/A	mg/L	Wastewater
Toxaphene	0.0000005	8082	N/A	4	N/A	mg/L	Wastewater
<b>ADDIT. TOXIC UNDER 30 TAC CHAPTER 307</b>							
Aluminum	0.8347292	200.8	N/A	2	N/A	mg/L	Wastewater
Barium	2	200.8	N/A	2	N/A	mg/L	Wastewater
Bis(Chloromethyl) ether	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Carbaryl	0.0016846		N/A	2	N/A	mg/L	Wastewater
Chloropyrifos	0.0000699	614	N/A	2	N/A	mg/L	Wastewater
Cresols	211.40325	625	N/A	2	N/A	mg/L	Wastewater
2,4-D(2,4Dichlorophenoxyacetic)	N/A	615	N/A	2	N/A	mg/L	Wastewater
Danitol	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Demeton	0.0002479	614	N/A	2	N/A	mg/L	Wastewater
Diazinon	N/A	614	N/A	2	N/A	mg/L	Wastewater
Dicofol	0.000983	608	N/A	2	N/A	mg/L	Wastewater
Dioxin/Furans	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
Fluoride	N/A	300	N/A	2	N/A	mg/L	Wastewater
Guthion	0.0000248	614	N/A	2	N/A	mg/L	Wastewater
Hexachlorophene	0.000241	604.1	N/A	2	N/A	mg/L	Wastewater
Malathion	0.0000248	614	N/A	2	N/A	mg/L	Wastewater
Methoxychlor	0.0000744	608	N/A	2	N/A	mg/L	Wastewater
Methyl Ethyl Ketone	4016.6342	624	N/A	2	N/A	mg/L	Wastewater
Mirex	0.0000025	608	N/A	2	N/A	mg/L	Wastewater
Nitrate-Nitrogen	N/A	300	N/A	2	N/A	mg/L	Wastewater
N-Nitrosodiethylamine	0.0347907	625	N/A	2	N/A	mg/L	Wastewater
N-Nitro-di-n-Butylamine	0.0611555	625	N/A	2	N/A	mg/L	Wastewater
Parathion	0.0000322	614	N/A	2	N/A	mg/L	Wastewater
Pentachlorobenzene	0.0000548	625	N/A	2	N/A	mg/L	Wastewater
1,2-Dibromoethane	0.0052095	624	N/A	2	N/A	mg/L	Wastewater
1,2,4,5-Tetrachlorobenzene	0.0068857	625	N/A	2	N/A	mg/L	Wastewater
2,4,5-PT (Silvex)	N/A	615	N/A	2	N/A	mg/L	Wastewater
Tributyltin <sup>9</sup> (Chloride)	N/A	N/A	N/A	2	N/A	mg/L	Wastewater
2,4,5-Trichlorophenol	0.1145542	625	N/A	2	N/A	mg/L	Wastewater



### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
TTHM(Total Trihalomethanes)	N/A	624	N/A	2	N/A	mg/L	Wastewater
<b>TCLP</b>							
TCLP Arsenic	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Barium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Cadmium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Chromium	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Lead )	0.1	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Selenium	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Silver	0.05	6020	N/A	1	N/A	mg/L	WW sludge
TCLP Mercury	0.0015	7470A	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4 D	0.5	8151	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4,5-TP (Silvex)	0.5	8151-TCLP	N/A	1	N/A	mg/L	WW sludge
TCLP 1,2-Dichloroethane	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Benzene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP 1,1-Dichloroethene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Carbon Tetrachloride	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Chlorobenzene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Chloroform	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP MEK	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Tetrachloroethylene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Trichloroethylene	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP Vinyl Chloride	0.02	8260B	N/A	1	N/A	mg/L	WW sludge
TCLP 1,4-Dichlorobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4-Dinitrotoluene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 4-Methylphenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2-Methylphenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorethane	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Hexachlorobutadiene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Nitrobenzene	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Pentachlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Pyridine	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Total Cresols	0.01	8270C	N/A	1	N/A	mg/L	WW sludge

### Wastewater Monitoring Table (Cont.)

Parameter	MDL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
TCLP 2,4,6-Trichlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP 2,4,5-Trichlorophenol	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Bis(2-chloroethyl)	0.01	8270C	N/A	1	N/A	mg/L	WW sludge
TCLP Gamma-BHC (Lindane)	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Chlordane	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Endrin	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Heptachlor	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Heptachlor Epoxide	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Methoxychlor	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge
TCLP Toxaphene	0.000125	SW8081A	N/A	1	N/A	mg/L	WW sludge

## 8. Resaca Maintenance Department Water Monitoring Table

Resaca Maintenance Department							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Metals</b>							
Aluminum	<0.01	200.8	0.2	8	N/A	mg/l	Water
Arsenic	<0.0020	200.8	0.01	8	N/A	mg/l	Water
Barium	<0.002	200.8	2.0	8	N/A	mg/l	Water
Cadmium	<0.0012	200.8	0.005	8	N/A	mg/l	Water
Chromium	<0.01	200.8	0.1	8	N/A	mg/l	Water
Copper	<0.001	200.8	1.3	8	N/A	mg/l	Water
Iron	<0.013	200.7	0.3	8	N/A	mg/l	Water
Lead	<0.0011	200.8	0.015	8	N/A	mg/l	Water
Manganese	<0.008	200.8	0.05	8	N/A	mg/l	Water
Mercury	<0.001	200.8	0.002	8	N/A	mg/l	Water
Nickel	<0.02	200.8	N/A	8	N/A	mg/l	Water
Selenium	<0.01	200.8	0.05	8	N/A	mg/l	Water
Silver	<0.01	200.8	0.1	8	N/A	mg/l	Water
Sodium	<0.5	200.7	N/A	8	N/A	mg/l	Water
Antimony	<0.0040	200.8	0.006	8	N/A	mg/l	Water
Beryllium	<0.001	200.8	0.004	8	N/A	mg/l	Water
Thallium	<0.0010	200.8	0.0002	8	N/A	mg/l	Water
Zinc	<0.02	200.8	5.0	8	N/A	mg/l	Water
Calcium	< 0.02	200.8	N/A	8	N/A	mg/l	Water
Magnesium	< 0.10	200.7	N/A	8	N/A	mg/l	Water
<b>Minerals</b>							
Chloride	<2.0	300.0	250	8	N/A	mg/l	Water
Fluoride	<0.1	300.0	4.0	8	N/A	mg/l	Water
Ammonia-Nitrogen	<0.09	300.0	10	8	N/A	mg/l	Water
Total Nitrite-Nitrogen	<0.10	300.0	1.0	8	N/A	mg/l	Water
Sulfate	<0.3	300.0	250	8	N/A	mg/l	Water
Total Hardness as CaCO3	<2.0	130.2	N/A	8	N/A	mg/l	Water
pH	<2	150.1	7.0-8.5	8	N/A	mg/l	Water
Conductivity (umhos/cm)	N/A	120.1	N/A	8	N/A	mg/l	Water
T. Alkalinity. As CaCO3	<2.0	310.1	N/A	8	N/A	mg/l	Water

## Resaca Maintenance Department (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Minerals (continued)</b>							
Bicarbonate	<2.0	310	N/A	8	N/A	mg/l	Water
Carbonate	<2.0	310	N/A	8	N/A	mg/l	Water
P. Alkalinity as CaCO <sub>3</sub>	<2.0	310.1	N/A	8	N/A	mg/l	Water
<b>Other</b>							
TSS	1.0	SM 2540 D	N/A	96	N/A	mg/l	Waster
% solids	N/A	SM 2540 G	N/A	50	N/A	%	Water
Paint Filter Test	N/A	SW-846 / 9095 B	N/A	26	N/A	Pass / Fail	Waster

## 9. Southmost Regional Water Authority Water Monitoring Table

Southmost Regional Water Authority							
Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Metals</b>							
Aluminum	<0.01	200.8	0.2	2	N/A	mg/l	Water
Arsenic	<0.0020	200.8	0.01	118	N/A	mg/l	Water
Barium	<0.002	200.8	2.0	1	N/A	mg/l	Water
Cadmium	<0.0012	200.8	0.005	2	N/A	mg/l	Water
Chromium	<0.01	200.8	0.1	2	N/A	mg/l	Water
Copper	<0.001	200.8	1.3	2	N/A	mg/l	Water
Iron	<0.013	200.7	0.3	1	N/A	mg/l	Water
Lead	<0.0011	200.8	0.015	2	N/A	mg/l	Water
Manganese	<0.008	200.8	0.05	1	N/A	mg/l	Water
Mercury	<0.001	200.8	0.002	2	N/A	mg/l	Water
Nickel	<0.02	200.8	N/A	2	N/A	mg/l	Water
Selenium	<0.01	200.8	0.05	52	N/A	mg/l	Water
Silver	<0.01	200.8	0.1	2	N/A	mg/l	Water
Sodium	<0.5	200.7	N/A	1	N/A	mg/l	Water
Antimony	<0.0040	200.8	0.006	2	N/A	mg/l	Water
Beryllium	<0.001	200.8	0.004	2	N/A	mg/l	Water
Thallium	<0.0010	200.8	0.0002	2	N/A	mg/l	Water
Zinc	<0.02	200.8	5.0	2	N/A	mg/l	Water
Calcium	< 0.02	200.8	N/A	1	N/A	mg/l	Water
Magnesium	< 0.10	200.7	N/A	1	N/A	mg/l	Water
Total Molybdenum	0.005	200.7, 200.8	0.005	43	N/A	mg/l	Wastewater Liquid
<b>Minerals</b>							
Chloride	<2.0	300.0	250	1	N/A	mg/l	Water
Fluoride	<0.1	300.0	4.0	1	N/A	mg/l	Water
Ammonia-Nitrogen	<0.09	300.0	10	1	N/A	mg/l	Water
Total Nitrite-Nitrogen	<0.10	300.0	1.0	1	N/A	mg/l	Water
Sulfate	<0.3	300.0	250	1	N/A	mg/l	Water
Total Hardness as CaCO3	<2.0	130.2	N/A	1	N/A	mg/l	Water
pH	<2	150.1	7.8-8.2	1	N/A	mg/l	Water

## Southmost Regional Water Authority (Con't)

Parameter	MDL / RL	EPA Method / Standard Method	MCL	Total per Year	Maximum Range	Reportable Units	Type of sample
<b>Minerals (continued)</b>							
Conductivity (umhos/cm)	N/A	120.1	N/A	1	N/A	mg/l	Water
Tot. AlKa. As CaCO3	<2.0	310.1	N/A	1	N/A	mg/l	Water
Bicarbonate	<2.0	310	N/A	1	N/A	mg/l	Water
Carbonate	<2.0	310	N/A	1	N/A	mg/l	Water
Total Dissolved solids	<1.0	160.1	1,000	1	N/A	mg/l	Water
P. Alkalinity as CaCO3	<2.0	310.1	N/A	1	N/A	mg/l	Water
<b>Conventional and Nonconventional Pollutants</b>							
Total Cyanide	0.005	335.3	0.005	8	N/A	mg/l	Water
Sulfide	10	366.2	270	8	N/A	mg/l	Water
Oil & Grease	4.0	1664, 1664A	300	8	N/A	mg/l	Water
BOD	2.0	405.1	200	2	N/A	mg/l	Water
TSS	1.0	160.2	200	2	N/A	mg/l	Water
Potassium	N/A	EPA 200.7	N/A	1	N/A	mg/l	Water
Calcium	< 0.02	EPA 200.7	N/A	1	N/A	mg/l	Water
Silicone, Recoverable	N/A	EPA 200.7	N/A	1	N/A	mg/l	Water
Strontium	N/A	EPA 200.7	N/A	1	N/A	mg/l	Water
Hydroxide	< 0.5	SM 4500	N/A	1	N/A	mg/l	Water
Carbon Dioxide	< 0.5	SM 4500	N/A	1	N/A	mg/l	Water
Total Organic Carbon	< 1.0	SM 3510 B	N/A	1	N/A	mg/l	Water

## REQUIRED FORMS CHECKLIST

The following forms are to be submitted as a part of the Bid/RFP/RFQ document

NAME	FORM DESCRIPTION	SUBMITTED WITH PROPOSAL	
		YES	NO
Legal Notice	Acknowledgement Form	<input type="checkbox"/>	<input type="checkbox"/>
	Debarment Certification	<input type="checkbox"/>	<input type="checkbox"/>
	Ethics Statement	<input type="checkbox"/>	<input type="checkbox"/>
	Conflict of Interest Questionnaire	<input type="checkbox"/>	<input type="checkbox"/>
	W9 or W8 Form	<input type="checkbox"/>	<input type="checkbox"/>
	Direct Deposit Form (Will be provided to the awarded vendor)	<input type="checkbox"/>	<input type="checkbox"/>
	Residence Certification Form	<input type="checkbox"/>	<input type="checkbox"/>
Special Instructions	Proposal Schedule/Cost sheet completed and signed	<input type="checkbox"/>	<input type="checkbox"/>
	Cashier Check or Proposal Bond of 5% of Total Amount of Proposal (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	OSHA 300 Log (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	Contractor Pre-Proposal Disclosure completed, signed and notarized (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	Sub-Contractor Pre-Proposal Disclosure completed, signed, and notarized (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
References	Complete the Previous Customer Reference Worksheet for each reference provided	<input type="checkbox"/>	<input type="checkbox"/>
Addenda			

**ETHICS STATEMENT (THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH PROPOSAL RESPONSE)**

The undersigned proposalder, by signing and executing this proposal, certifies and represents to the Brownsville Public Utilities Board that bidder has not offered, conferred or agreed to confer any pecuniary benefit, as defined by (1.07 (a) (6) of the Texas Penal Code, or any other thing of value as consideration for the receipt of information or any special treatment of advantage relating to this proposal; the bidder also certifies and represents that the bidder has not offered, conferred or agreed to confer any pecuniary benefit or other thing of value as consideration for the recipient’s decision, opinion, recommendation, vote or other exercise of discretion concerning this proposal, the bidder certifies and represents that bidder has neither coerced nor attempted to influence the exercise of discretion by any officer, trustee, agent or employee of the City of Brownsville and/or the Brownsville Public Utilities Board concerning this proposal on the basis of any consideration not authorized by law; the bidder also certifies and represents that bidder has not received any information not available to other bidders so as to give the undersigned a preferential advantage with respect to this proposal; the bidder further certifies and represents that bidder has not violated any state, federal, or local law, regulation or ordinance relating to bribery, improper influence, collusion or the like and that bidder will not in the future offer, confer, or agree to confer any pecuniary benefit or other thing of value of any officer, trustee, agent or employee of the City of Brownsville and/or Brownsville Public Utilities Board in return for the person having exercised their person’s official discretion, power or duty with respect to this proposal; the bidder certifies and represents that it has not now and will not in the future offer, confer, or agree to confer a pecuniary benefit or other thing of value to any officer, trustee, agent, or employee of the City of Brownsville and/or Brownsville Public Utilities Board in connection with information regarding this proposal, the submission of this proposal, the award of this proposal or the performance, delivery or sale pursuant to this proposal.

**THE VENDOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY OF BROWNSVILLE AND THE BROWNSVILLE PUBLIC UTILITIES BOARD, ALL OF THEIR PUBLIC OFFICIALS, OFFICERS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDINGS, COSTS, DAMAGES, AND LIABILITIES, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY NEGLIGENT ACTS OR OMISSIONS OF CONTRACTOR OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF CONTRACTOR IN THE EXECUTION OR PERFORMANCE OF ANY RESULTING CONTRACT FROM SUBMITTAL OF THIS PROPOSAL.**

I have read all of the specifications and general proposal requirements and do hereby certify that all items submitted meet specifications.

COMPANY: \_\_\_\_\_  
AGENT NAME: \_\_\_\_\_  
AGENT SIGNATURE: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_  
STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_ TELEFAX: \_\_\_\_\_  
FEDERAL ID#: \_\_\_\_\_ AND/OR SOCIALSECURITY#: \_\_\_\_\_

DEVIATIONS FROM SPECIFICATIONS IF ANY: \_\_\_\_\_  
NOTE: QUESTIONS AND CONCERNS FROM PROSPECTIVE CONTRACTORS SHOULD BE RAISED WITH OWNER AND ITS CONSULTANT (IF APPLICABLE) AND RESOLVED IF POSSIBLE, PRIOR TO THE PROPOSAL SUBMITTAL DATE. ANY LISTED DEVIATIONS IN A FINALLY SUBMITTED PROPOSAL MAY ALLOW THE OWNER TO REJECT A PROPOSAL AS NON-RESPONSIVE.



**CERTIFICATION REGARDING  
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY  
MATTERS (Complete and return with proposal)**

Name of Entity: \_\_\_\_\_

The prospective participant certifies to the best of their knowledge and belief that they and their principals:

- a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, Local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and
- d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, Local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Section 1001, a false statement may result in a fine up to a \$10,000.00 or imprisonment for up to five (5) years, or both.

---

\_\_\_\_\_  
Name and Title of Authorized Representative (Typed)

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

---

☐ I am unable to certify to the above statements. My explanation is attached.

**(THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH PROPOSAL RESPONSE)**

**CONFLICT OF INTEREST QUESTIONNAIRE**  
**For vendor doing business with local governmental entity**

**FORM CIQ**

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

**OFFICE USE ONLY**

Date Received

**1** Name of vendor who has a business relationship with local governmental entity.

**2** ☐ Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3** Name of local government officer about whom the information is being disclosed.

\_\_\_\_\_  
Name of Officer

**4** Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes

☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes

☐ No

**5** Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

**6** ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**

\_\_\_\_\_  
Signature of vendor doing business with the governmental entity

\_\_\_\_\_  
Date

## **CONFLICT OF INTEREST QUESTIONNAIRE**

### **For vendor doing business with local governmental entity**

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

**Local Government Code § 176.001(1-a):** "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

**Local Government Code § 176.003(a)(2)(A) and (B):**

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

\*\*\*

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

**Local Government Code § 176.006(a) and (a-1)**

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.

## Previous Customer Reference Worksheet

Name of Customer:		Customer Contact:
Customer Address:		Customer Phone Number:
		Customer Email:
Name of Company Performing Referenced Work:		

[illegible]

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

<p>See Specific Instructions on page 3.</p> <p>Print or type.</p>	<p><b>1</b> Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</p>	
	<p><b>2</b> Business name/disregarded entity name, if different from above</p>	
	<p><b>3</b> Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC</p> <p><input type="checkbox"/> C Corporation</p> <p><input type="checkbox"/> S Corporation</p> <p><input type="checkbox"/> Partnership</p> <p><input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p><b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p><b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><i>(Applies to accounts maintained outside the U.S.)</i></p>
	<p><b>5</b> Address (number, street, and apt. or suite no.) See instructions.</p>	<p>Requester's name and address (optional)</p>
<p><b>6</b> City, state, and ZIP code</p>		
<p><b>7</b> List account number(s) here (optional)</p>		

<b>Part I</b>	<b>Taxpayer Identification Number (TIN)</b>
---------------	---

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 generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

**Social security number**

			-			-				
--	--	--	---	--	--	---	--	--	--	--

or

**Employer identification number**

			-							
--	--	--	---	--	--	--	--	--	--	--

<b>Part II</b>	<b>Certification</b>
----------------	----------------------

Under penalties of perjury, I certify that:

1. 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
  2. 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
  3. I am a U.S. citizen or other U.S. person (defined below); and
  4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.
- 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 for Part II, later.

**Sign  
Here**

Signature of U.S. person ▶

Date ►

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.*

Form **W-8BEN-E**

(Rev. October 2021)

Department of the Treasury  
Internal Revenue Service**Certificate of Status of Beneficial Owner for  
United States Tax Withholding and Reporting (Entities)**

► For use by entities. Individuals must use Form W-8BEN. ► Section references are to the Internal Revenue Code.  
► Go to [www.irs.gov/FormW8BENE](http://www.irs.gov/FormW8BENE) for instructions and the latest information.  
► Give this form to the withholding agent or payer. Do not send to the IRS.

OMB No. 1545-1621

**Do NOT use this form for:**

- U.S. entity or U.S. citizen or resident . . . . . W-9
- A foreign individual . . . . . W-8BEN (Individual) or Form 8233
- A foreign individual or entity claiming that income is effectively connected with the conduct of trade or business within the United States (unless claiming treaty benefits) . . . . . W-8ECI
- A foreign partnership, a foreign simple trust, or a foreign grantor trust (unless claiming treaty benefits) (see instructions for exceptions) . . . W-8IMY
- A foreign government, international organization, foreign central bank of issue, foreign tax-exempt organization, foreign private foundation, or government of a U.S. possession claiming that income is effectively connected U.S. income or that is claiming the applicability of section(s) 115(2), 501(c), 892, 895, or 1443(b) (unless claiming treaty benefits) (see instructions for other exceptions) . . . . . W-8ECI or W-8EXP
- Any person acting as an intermediary (including a qualified intermediary acting as a qualified derivatives dealer) . . . . . W-8IMY

**Instead use Form:****Part I Identification of Beneficial Owner**

<b>1</b> Name of organization that is the beneficial owner	<b>2</b> Country of incorporation or organization
--	---

**3** Name of disregarded entity receiving the payment (if applicable, see instructions)

- 4** Chapter 3 Status (entity type) (Must check one box only):
- |  |  |   |   |
|--|--|---|---|
| <input type="checkbox"/> Simple trust          | <input type="checkbox"/> Tax-exempt organization | <input type="checkbox"/> Corporation                | <input type="checkbox"/> Partnership                            |
| <input type="checkbox"/> Central Bank of Issue | <input type="checkbox"/> Private foundation      | <input type="checkbox"/> Complex trust              | <input type="checkbox"/> Foreign Government - Controlled Entity |
| <input type="checkbox"/> Grantor trust         | <input type="checkbox"/> Disregarded entity      | <input type="checkbox"/> Estate                     | <input type="checkbox"/> Foreign Government - Integral Part     |
|  |  | <input type="checkbox"/> International organization |   |

If you entered disregarded entity, partnership, simple trust, or grantor trust above, is the entity a hybrid making a treaty claim? If "Yes," complete Part III. ☐ Yes ☐ No

- 5** Chapter 4 Status (FATCA status) (See instructions for details and complete the certification below for the entity's applicable status.)
- |   |   |
|---|---|
| <input type="checkbox"/> Nonparticipating FFI (including an FFI related to a Reporting IGA FFI other than a deemed-compliant FFI, participating FFI, or exempt beneficial owner). | <input type="checkbox"/> Nonreporting IGA FFI. Complete Part XII.   |
| <input type="checkbox"/> Participating FFI.   | <input type="checkbox"/> Foreign government, government of a U.S. possession, or foreign central bank of issue. Complete Part XIII. |
| <input type="checkbox"/> Reporting Model 1 FFI.   | <input type="checkbox"/> International organization. Complete Part XIV.   |
| <input type="checkbox"/> Reporting Model 2 FFI.   | <input type="checkbox"/> Exempt retirement plans. Complete Part XV.   |
| <input type="checkbox"/> Registered deemed-compliant FFI (other than a reporting Model 1 FFI, sponsored FFI, or nonreporting IGA FFI covered in Part XII). See instructions.      | <input type="checkbox"/> Entity wholly owned by exempt beneficial owners. Complete Part XVI.  |
| <input type="checkbox"/> Sponsored FFI. Complete Part IV.   | <input type="checkbox"/> Territory financial institution. Complete Part XVII.   |
| <input type="checkbox"/> Certified deemed-compliant nonregistering local bank. Complete Part V.   | <input type="checkbox"/> Excepted nonfinancial group entity. Complete Part XVIII.   |
| <input type="checkbox"/> Certified deemed-compliant FFI with only low-value accounts. Complete Part VI.   | <input type="checkbox"/> Excepted nonfinancial start-up company. Complete Part XIX.   |
| <input type="checkbox"/> Certified deemed-compliant sponsored, closely held investment vehicle. Complete Part VII.  | <input type="checkbox"/> Excepted nonfinancial entity in liquidation or bankruptcy. Complete Part XX.                               |
| <input type="checkbox"/> Certified deemed-compliant limited life debt investment entity. Complete Part VIII.  | <input type="checkbox"/> 501(c) organization. Complete Part XXI.  |
| <input type="checkbox"/> Certain investment entities that do not maintain financial accounts. Complete Part IX.   | <input type="checkbox"/> Nonprofit organization. Complete Part XXII.  |
| <input type="checkbox"/> Owner-documented FFI. Complete Part X.   | <input type="checkbox"/> Publicly traded NFFE or NFFE affiliate of a publicly traded corporation. Complete Part XXIII.              |
| <input type="checkbox"/> Restricted distributor. Complete Part XI.  | <input type="checkbox"/> Excepted territory NFFE. Complete Part XXIV.   |
|   | <input type="checkbox"/> Active NFFE. Complete Part XXV.  |
|   | <input type="checkbox"/> Passive NFFE. Complete Part XXVI.  |
|   | <input type="checkbox"/> Excepted inter-affiliate FFI. Complete Part XXVII.   |
|   | <input type="checkbox"/> Direct reporting NFFE.   |
|   | <input type="checkbox"/> Sponsored direct reporting NFFE. Complete Part XXVIII.   |
|   | <input type="checkbox"/> Account that is not a financial account.   |

**6** Permanent residence address (street, apt. or suite no., or rural route). **Do not use a P.O. box or in-care-of address** (other than a registered address).

City or town, state or province. Include postal code where appropriate.

Country

**7** Mailing address (if different from above)

City or town, state or province. Include postal code where appropriate.

Country

For Paperwork Reduction Act Notice, see separate instructions.

Cat. No. 59689N

Form **W-8BEN-E** (Rev. 10-2021)

**BROWNSVILLE PUBLIC UTILITIES BOARD  
RESIDENCE CERTIFICATION**

In accordance with Art. 601g, as passed by the 1985 Texas Legislature, the following will apply. The pertinent portion of the Act has been extracted and is as follows:

Section 1. (a)

(1) "Nonresident bidder" means a bidder whose principal place of business is not in this state, but excludes a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

(2) "Texas resident bidder " means a bidder whose principal place of business is in this state, and includes a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

Section 1. (b)

The state or governmental agency of the state may not award a contract for general construction, improvements, services, or public works projects or purchases of supplies, materials or equipment to a nonresident bidder unless the nonresident's proposal is lower than the lowest proposal submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located.

I certify that \_\_\_\_\_ (Company Name) is  
a **resident Texas bidder** as defined in Art. 601g.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

I certify that \_\_\_\_\_ (Company Name)  
is a **nonresident bidder** as defined in Art. 601g. and our principal place of business is:

\_\_\_\_\_  
(City and State)

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_