

EXECUTIVE SUMMARY

1.0.0.0 ETAG CORPORATION

ETAG Corporation (ETAG) is a Puerto Rican Company whose main offices are located in the city of Caguas. The Company was incorporated on October 4, 1991, but began operations on May 20, 1991. The corporate record number is 79,291. The ETAG staff personnel are bilingual, Spanish and English.

1.1.0.0 Physical Address

ETAG Corporation
Bairoa Ave. No. BF1
Caguas, PR 00725

1.2.0.0 Postal address

ETAG Corporation
PO Box 9648
Caguas, PR 00726

1.3.0.0 Corporate Telephones & Other Information

Office: **(787) 258-3400**

Fax: **(787) 258-3725**

Web: **www.etagpr.com**

Rafael A. Ortiz Díaz

**President/Director of
Operations**

Mobile: 787-553-1382

E-mail: albert@etagpr.com

Carlos A. Ortiz Rosado

Operations Manager

Mobile: 787-553-1376

E-mail: carliortiz@etagpr.com



1.4.0.0 Environmental Services offered by ETAG Corporation

1.4.1.0 Operation & Maintenance services for Industrial, Drinking Water and Wastewater Treatment Systems, including but not limited to:

- Contract Operations and Maintenance
- Training in Operation & Maintenance
- Standard Operating Procedures (SOP)
- Standard Maintenance Procedures (SMP)
- Assistance and Evaluation of WWTP Operations & Maintenance
- Technical Writing and Translations
- Start-up Services
- Process Control Programs and Operational Strategies Development and Implementation
- Development and preparation of O&M Manuals
- Maintenance Services for Treatment Plants
- Drinking Water Storage Tank Cleaning Services
- Shadow Staffing/Trouble Shooting Assistance
- Other related services

1.4.2.0 Assistance and/or Evaluation of Specialized Treatment Systems, such as chemical - physical systems, filters, membranes & reverse osmosis, sludge drying, etc.

1.4.3.0 Treatability Studies

1.4.4.0 Field Work in Solid Waste Studies

1.4.5.0 Environmental Project Management

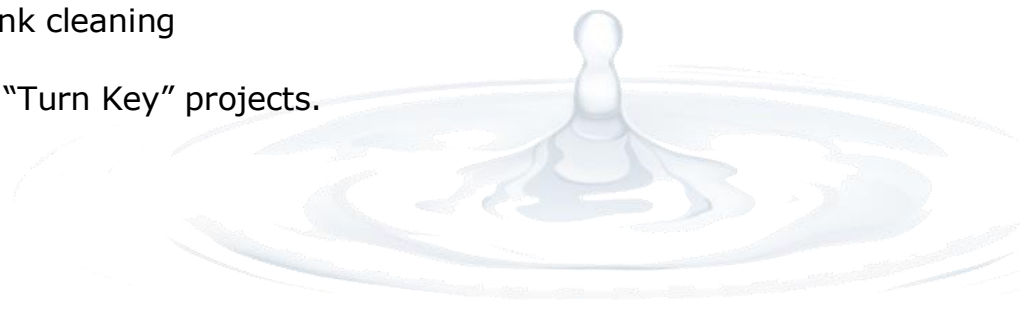
1.4.6.0 Management of U.S.T. projects

1.4.7.0 Assistance in Regulation and Compliance in Water Treatment, Wastewater Treatment, UST, Air, Noise, Soil and Hazardous Wastes & Safety.

1.4.8.0 Smoke & Dye evaluations for Sanitary, Industrial and Stormwater Systems

1.4.8.1.1 Underwater tank cleaning

1.4.9.0 Treatment Plants "Turn Key" projects.



1.5.0.0 ETAG Technical Staff

In this section, we present a profile of ETAG Technical Staff, as an introduction. Resumes are presented detailing personal experience and responsibilities.

1.5.2.0 Rafael A. Ortiz Díaz

Background:

- B.S. Chemistry, Licensed Chemist (Q2291).
- Wastewater Treatment Systems Operator, Class IV License Number U859.
- Water Treatment Systems Operator, Class IV License Number P1248
- Certified Environmental Auditor

Position in the Board of Directors: President (Shareholder with 100% of the corporation stock).

Staff Position: Chief Executive Officer

Responsibilities: In charge company operations, Business Development, Marketing and Sales.

Experience Summary: Mr. Ortiz has more than thirty three (33) years of experience in the environmental field. This experience includes Operation & Maintenance of drinking water and wastewater treatment systems, for pharmaceutical, food, textile and electronic industry, plus governmental agencies as Department of Health, Correctional and Rehabilitation Department and PR Aqueduct and Sewer Authority.

In addition to the above and as Professional Licensed Chemist, possess experience in analytical chemistry and instrumentation, development and implementation of laboratory methods for analysis, quality control, statistical process control and technical writing.



2.0.0.0 ETAG Corporation Organization

2.1.0.0 Board of Directors

President: Rafael A. Ortiz Díaz
PO Box 9648
Caguas, PR 00726

Vice-President: Carlos A. Ortiz Rosado
PO Box 9648
Caguas, PR 00726

Secretary: María de Lourdes Rosado Parrilla
PO Box 9648
Caguas, PR 00726

Treasurer: Brenda Otero Agosto
PO Box 9648
Caguas, PR 00726

2.2.0.0 Operational Organization

Our organization setup was strategically designed to offer our customer the best service and optimize available personnel. ETAG staff is divided into three main areas, Operations, Marketing & Sales, and Administration.

2.3.0.0 ETAG Corporation External Resources

ETAG counts with other external professional resources that might be used in some projects, as required. The use of external resources depends on the final scope of services and technical personnel needs as result of project planning and execution.

3.0.0.0 ETAG CORPORATION EXPERIENCE BY SERVICE AREA:

In this section we are summarizing ETAG Corporation's most important projects for the last four years.



3.1.0.0 CONTRACT OPERATIONS (CON OPS)

Contract Operations - Pharmaceutical Industry, McNeil Healthcare, Las Piedras, Puerto Rico - ACTUAL - This project consists of the operation and management of a modern and complex industrial treatment system, including sampling and process control. The treatment process includes two (2) "Sequential Batch Reactors" (SBR), equalization tank, sand filter, ozone and aerobic digester. Our personnel, both in, operate the treatment system "automatic" (PLC System) or manual, as might be required. The system capacity is of 150,000 gpd of a mixed flow of sanitary waters and process waste. ETAG has operated this treatment plant for the last seven (7) years. ETAG assists in the preventive and corrective maintenance coordination. ETAG has operated this treatment plant for the last twenty seven (27) years.

Contract Operations - Pharmaceutical Industry, Janssen Ortho Gurabo, Puerto Rico - ACTUAL - This project consists of the operation and management of a modern and complex industrial treatment system, including sampling and process control. The treatment process includes equalization tanks, activated sludge, sludge dewatering, membrane tertiary filters system for reuse of treated water and aerobic digester. Our personnel, both in, operate the treatment system "automatic" (PLC System) or manual, as might be required. The system capacity is of 300,000 gpd of a mixed flow of sanitary waters and process waste. ETAG helps in the preventive and corrective maintenance coordination. ETAG has operated this treatment plant for the last twenty three (23) years.

Contract Operations - Pharmaceutical Industry, Janssen Ortho Manatí, Puerto Rico - ACTUAL - This project consists of the operation and management of a modern and complex industrial treatment system, including sampling and process control. The treatment process includes one (2) "Sequential Batch Reactors" (SBR), equalization tank, membrane tertiary filters, discharge reuse system and aerobic digester. Our personnel operate the treatment system "automatic" (PLC System) or manual, as might be required. The system capacity is of 200,000 gpd of a mixed flow of sanitary waters and process waste. ETAG has operated this treatment plant for the last ten (10) years.

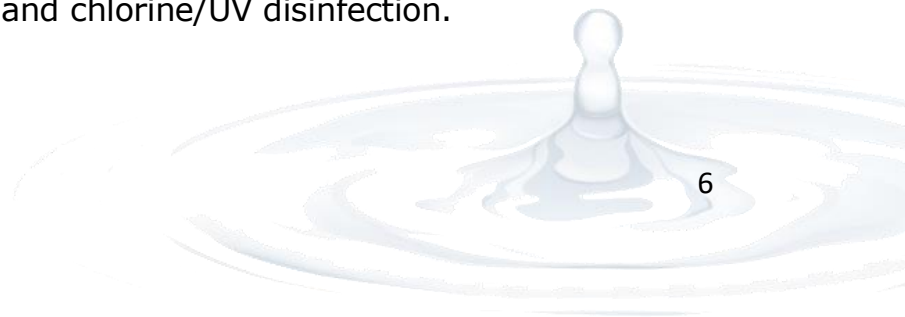
ETAG assists in the preventive and corrective maintenance coordination's.

Contract Operations - Pharmaceutical Industry, NEOLPHARMA - Caguas, Puerto Rico - ACTUAL - This project consists of the operation and management of a modern and complex industrial treatment system, including sampling and process control. The treatment process includes one (2) "Sequential Batch Reactors" (SBR), equalization tank, sand filter, and aerobic digester. Our personnel operate the treatment system "automatic" (PLC System) or manual, as might be required. The system capacity is of 100,000 gpd of a mixed flow of sanitary waters and process waste. ETAG has operated this treatment plant for the last three (3) years. ETAG assists in the preventive and corrective maintenance coordination's.

Contract Operations - Rain Forest, Rio Grande, Puerto Rico - ACTUAL - This project included all tasks for the operation and technical support for maintenance of the potable water treatment plant, two wells and distribution system. ETAG has operated this treatment plant for the last three (3) years.

Contract Operations - PRASA, Caguas Regional Wastewater Treatment System, Caguas, Puerto Rico - COMPLETED - Temporary operation (26 months), operation of a 24 MGD wastewater treatment regional plant in Caguas. The system is a "Biological Nutrient Removal" (BNR) activated sludge system, and includes primary clarifiers, anoxic stage, anaerobic stage, activated sludge stage, secondary clarifiers, sludge holding tank, tertiary filters, chemical application, and chlorine/UV disinfection.

Contract Operations - PRASA, Cayey Regional Wastewater Treatment System, Cayey Puerto Rico - COMPLETED- Startup and Temporary operation (7 months), start up, performance test and training of a 14 MGD wastewater treatment regional plant in Cayey. The system is a "Biological Nutrient Removal" (BNR-MUCT) activated sludge system, and includes primary clarifiers, anoxic stage, anaerobic stage, activated sludge stage, secondary clarifiers, sludge holding tank, belt filter presses, chemical applications and chlorine/UV disinfection.



Contract Operations –PRASA, Toa Vaca Potable Water Treatment Plant, Villalba, Puerto Rico - COMPLETED – Startup and Temporary operation (12 months), startup and operational staff training of a 7.5 MGD drinking water treatment plant in Villalba. The system includes raw water oxidation using sodium permanganate, pH adjustment, coagulation, and flocculation, filtration with Zenon “SeeWeed” Membranes and disinfection with chlorine gas.

Contract Operations –Pharmaceutical, Procter & Gamble Cayey, Puerto Rico - COMPLETED - This project included all tasks for the operation and technical support for maintenance of a wastewater treatment plant. The 200,000 GPD Wastewater Treatment Plant includes equalization tanks (3), dissolved air flotation unit (1), conventional activated sludge reactor (6) tanks, two (2) clarifiers and one (1) dewatering belt filter press. ETAG has operated this treatment plant for ten (10) years.

Contract Operations –Housing Development & Resort, Dorado, Puerto Rico - COMPLETED - This project included all tasks for the operation and light maintenance of a wastewater treatment plant and drinking water system (wells). The wastewater treatment system included several pretreatment chemical-physical units and an activated sludge treatment plant, “conventional” mode. The system treats a mixed flow of sanitary waters waste of 100,000-gpd, average. All plant effluent is reused in the irrigation of a golf course. The drinking water system includes several water wells, chlorination and softening. ETAG provides technical light maintenance to both systems. ETAG has operated this treatment plant for the last six (6) years.

Contract Operations/Start Up -Pharmaceutical Industry, Cayey, Puerto Rico - COMPLETED - This project included all tasks for the start-up of a treatment plant and its operation for a period of eleven (11) months. The treatment system included several pretreatment chemical-physical units and an activated sludge treatment plant, “step aeration” mode. The system treats a mixed flow of sanitary waters and industrial process waste of 54,000-gpd, average. The objective of this project was to start the system efficiently and with the least effect to the manufacture plant, and to train plant personnel. ETAG provided technical support and coordination in the maintenance tasks.

Contract Operations, Private Community/Condo, Fajardo, Puerto Rico - COMPLETED - ETAG operated this treatment plant for one (1) year in 1995, and is operating the plant again, starting this year. The treatment system consists of biological plant, activated sludge, "extended aeration" mode. The system capacity is 45,000 gpd. This treatment system provided constant challenges as for its operation and process control, since it was subject to drastic seasonal changes in hydraulic and organic loads. ETAG provided preventive and corrective maintenance.

Contractual Operations/ Shadow Staffing, Pharmaceutical Industry, Warner Lambert, Vega Baja, Puerto Rico - COMPLETED -The scope of work for this project included providing 60% of the personnel to operate the treatment plant twenty-four (24) hours/day, seven days per week and to provide operational advisory (shadow staffing) to the WWTP operators and supervisor. The shadow staffing included providing ETAG personnel for each of the client employees to assist them perform their fieldwork. This project had a duration time of eight (8) months. The treatment system consists of a chemical-physical treatment unit (Coagulation -Flocculation -Sedimentation), packed activated carbon filters, two activated sludge plants; "extended mode," an RBC, sand filters, carbon filters, reverse osmosis, two (2) equalization tanks, aerobic digester, clarifier and a belt filter press. The capacity of this system is 140,000 gpd. ETAG provided advisory and coordination assistance for the maintenance work.

Contract Operations - Textile Industry, Humacao, Puerto Rico - COMPLETED - This project consisted of the operation and management of a modern and complex industrial treatment system for a period of two months, including sampling and process control. Our operators were covering a "sick leave". The treatment process includes one "Sequential Batch Reactor" (SBR), equalization tank, aerobic digester and dewatering system. Our personnel operate the treatment system, both in "automatic" (PLC System) or manual, as might had been required. The system capacity is of 30,000 gpd of a mixed flow of sanitary waters and process waste. ETAG assisted in the preventive and corrective maintenance coordination.

Contract Operations - Food Processing, Hershey Las Piedras, Puerto Rico - COMPLETED -This project consists of the operation and management of a modern and complex industrial treatment system, including sampling and process control. The treatment process includes one "Sequential Batch Reactor" (SBR), equalization tank, sand filter, aerobic digester and plate and frame dewatering system. Our personnel operates the treatment system, both in "automatic" (PLC System) or manual, as might be required. The computer controls all the WWTP. The system capacity is of 75,000 gpd of a mixed flow of sanitary waters and process waste. ETAG helps in the preventive and corrective maintenance coordination.

Contract Operations, NAVY facility, Sabana Seca, Puerto Rico - COMPLETED- ETAG operated this treatment plant. The treatment system consists of biological plant, activated sludge, "extended aeration" mode. The system capacity is 15,000 gpd ETAG provided preventive and corrective maintenance.

Contract Operations - Government – Aguadilla, Naguabo, Cayey and Jayuya, Puerto Rico - COMPLETED - ETAG operates four (4) WWTPs for the P.R. Correctional Administration. Three (3) systems are Activated Sludge and the other consists of Rotary Biological Contactors. Contract includes operation and maintenance, filling DMR reports and process control.

Contract Operations – Municipal Government - Caguas, Puerto Rico - COMPLETED - ETAG operates one WWTP for the Municipality of Caguas. Activated sludge system. Contract includes operation and maintenance, reports and process control.

Contract Operations – Food Processing Industry – Pepsi Bottling Toa Baja, Puerto Rico - COMPLETED - ETAG operates one WWTP, which includes solids removal, equalization, neutralization and flow measurements. Contract includes operation and maintenance, reports and process control.

Contract Operations – Food Processing Industry - Bayamón, Puerto Rico - COMPLETED - ETAG operates one industrial WWTP, including Induced Air Flotation, Equalization, Biotowers, Activated Sludge (Contact Stabilization), Aerobic Digester & Sludge Dewatering (Plate & Frame). Contract includes

operation and maintenance, reports and process control. Plant capacity is 0.035 MGD.

Contract Operation – PRASA – Guaynabo Potable Water Treatment System, Puerto Rico – COMPLETED – Contract Operation of the Sludge Treatment System of a water treatment Plant. System capacity 2.37 MGD, consisting of Sludge Removal Units, Equalization Tank, Thickener and six (6) Vacuum Assisted Drying Beds.

Contract Operations – Sum Oil Refinery, Yabucoa, PR – COMPLETED – Operation of all the treatment systems in the refinery. The treatment system consists of two plants: Industrial (1.6 MGD) and sanitary (20,000 gpd). The industrial system includes API Units, Equalization Tanks, Conventional Activated Sludge Plant, Clarifier, Aerobic Digester, Drying Beds & Disinfection with chlorine. The sanitary system includes a contact stabilization package plant. Our personnel perform all operations including the process control, and coordinate with the maintenance department all the maintenance work.

Contract Operations - Electronic Industry, Humacao, Puerto Rico - COMPLETED - This project consisted of the operation and management of a modern and complex industrial treatment system for a period of two months, including sampling and process control. Our operators were covering a "sick leave". The treatment process includes one "Sequential Batch Reactor" (SBR), equalization tank, aerobic digester and dewatering system. Our personnel operate the treatment system, both in "automatic" (PLC System) or manual, as might had been required. The system capacity is of 30,000 gpd of a mixed flow of sanitary waters and process waste. ETAG assisted in the preventive and corrective maintenance coordination.

Contract Operations - Electronic Industry, Juncos, Puerto Rico - COMPLETED – Operation of an extended aeration high rate activated sludge package plant. ETAG personnel provide the daily operation of the plant. WWTP capacity is 40,000 gpd.

Contract Maintenance - Municipality, Carolina, Puerto Rico - COMPLETED – ETAG is under contract for the periodic maintenance and trouble shooting of a drinking water system in

a Municipality. The system includes water wells, storage tanks, electronic control system and emergency generator. A on line filter system is also included as part of the treatment.

Contract Operations – Hanes Textile Industry, Humacao, Puerto Rico - COMPLETED - This project consisted of the operation of sequential batch reactor (SBR) treatment plant with a 235,000 gpd capacity. The system includes equalization tank, BR'S (2) belt filter press and all other particular equipment. ETAG personnel assist client with maintenance coordination.

Contract Operations – Food Industry, Coca Cola Bottling Cayey, PR – COMPLETED - Operation of a 121,000 gpd. The treatment system includes equalization, UF membranes, bioreactors, effluent tank, water reuse staff system; centrifuge dewatering system and several pump stations. Our responsibilities includes operation, process control and maintenance coordination.

Contract Operations – Food Industry, Carolina, PR – COMPLETED - Operation of a 130,000 gpd. The treatment system includes equalization, pump stations, dissolved air flotation, activated sludge reactors, aerobic digester and dewatering by a belt filter press. Our responsibilities includes operation, process control and maintenance coordination.

3.2.0.0 TRAINING IN OPERATION & MAINTENANCE

The training projects have a similar scope of work and they differ only on each treatment system unit, therefore each training usually covers the basic theory but tailor fitted to each specific plant. The first project includes a full description and the subsequent will only include particular characteristics.

Development and Delivery of an Operation and Maintenance Training, Pharmaceutical Industry, Humacao, Puerto Rico - This project consisted in developing an operation and maintenance training to the personnel assigned to the treatment plant, including operators, laboratory personnel and management. The training was designed to cover all the basic subjects and the specific operation and maintenance for the treatment plant. The training included theory, basic concepts,

overall/per unit operation & maintenance, process control, calculations, problem solving guide and field exercise. Twenty (20) persons participated in this training. The total training time was thirty-two (32) hours.

Development and Delivery of an Operation and Maintenance Training, Pharmaceutical Industry, Cayey, Puerto Rico - This project had a similar scope of work, varying in the treatment units. Three (3) persons participated in this training, including operators and management. The total training time was sixteen (16) hours.

Development and Delivery of an Operation and Maintenance Training, Pharmaceutical Industry, Vega Baja, Puerto Rico -This project had a similar scope of work, varying in the treatment units. Twenty (20) persons participated in this training, including operators and management. The total training time was sixteen (16) hours.

Development and Delivery of an Operation and Maintenance Training, Petroleum Refinery, Yabucoa, Puerto Rico -This project had a similar scope of work, varying in the treatment units. Eighty-five (85) persons participated in this training, including operators and management. The total training time was of ninety-six (96) hours in three (3) sections of thirty-two (32) hours each.

Development and Delivery of an Operation and Maintenance Training, Food Industry, Bayamón, Puerto Rico - This project had a similar scope of work, varying in the treatment units. Two (2) persons participated in the training, including operators and management. The total training time was sixteen (16) hours.

Development and Delivery of an Operation and Maintenance Training Specially Designed for Management Personnel, Pharmaceutical Industry, Fajardo, Puerto Rico - The scope of work included all the basic material as in other training, and the corresponding topics on operation & maintenance, but with an approach for treatment plants management. This training is given to a limited number of participants by section and includes field exercises. Two (2)

persons participated in the training. The total training time was thirty-two (32) hours.

Development and Delivery of an Operation and Maintenance Training, Cosmetic Industry, Juncos, Puerto Rico -This project had a similar scope of work, varying in the treatment units. Five (5) persons participated in the training, including operators and management. The total training time was twenty-four (24) hours. This training was part of a project where a process control program for the treatment plant was developed.

Development and Delivery of an Operation and Maintenance Training, Commercial Analytical Laboratory, Santurce, Puerto Rico - This project had a similar scope of work, it included basic water treatment theory and process control. Four (4) persons participated in the training. The total training time was sixteen (16) hours.

Development, design and delivery of a Water and Wastewater Operators Certification Exam Preparation Course - This Preparation Course was prepared by ETAG to assist operators in their preparation for the Certifications exams as per Law No. 53 and Regulation No. 5440 requirements. This course has a total training time of eighty (80) hours, and includes topics like introduction, mathematics, chemistry, physics, biology, public health, treatment process, maintenance, safety and laws & regulations. We been offering this course since mid 1996, and was the first of its kind in Training is available in two ways, it might be delivered in our customers own facilities and as per their required schedule or in sections organized by ETAG on a specific site.

Development and Delivery of an Operation and Maintenance Training (Equipments), Municipal Regional Plant, Caguas, Puerto Rico -This project consisted of developing and delivering an O&M Training for all equipments in this Biological Nutrient Removal (BNR) Activated Sludge Plant as per Federal Specifications. Twenty (20) persons participated in the training. The total training time was fifty-eight (58) hours.

Water Treatment Plant Operator's Training, Contractor/Government Agency (Super Aqueduct WTP), Arecibo, Puerto Rico, in Local and Federal Regulations. Twenty (20) persons, eight (8) hours.

Delivery of a Water and Wastewater Operators Certification Exam Preparation Course from the water utility. ETAG personnel delivered the AAA/Ondeo training to operators and supervisor at the southwest and east regions.

Water Treatment Operator Training. Theoretical and Practical. COMPLETED - ETAG has been contracted by a Government Agency to develop and implement a Training Program for Small Systems operators in Puerto Rico. The duration of this project is three (3) years. It includes developing a drinking water operator theory course. The practical exam training, teachers guide and all related coordination and management. Implementation includes providing a "Train the Trainer" course, several orientation sections and delivering training to over 250 small systems.

3.3.0.0 DRINKING WATER TANK CLEANING SERVICES

ETAG uses a portable self-powered "Remote Operated Vehicle" (ROV) to enter the reservoir through a service opening & clean the floor of the reservoir. The reservoir should be maintained at operational level or above six (6') feet to operate properly. The liquefied solids and all the other sediment from the floor of the reservoir will be discharged by means of a 3" discharge hose at a flow rate ranging between 225 gpm to 300 gpm. The discharge hose has a maximum length of 1,000 feet and is provided with an optional booster pump to assist in the pumping process. The ETAG cleaning system will sweep the bottom floor areas only. The cleaning services do not include tank walls, shelves or elevated areas within the reservoir.

During the operation, underwater video cameras are used to record all activity. Copies of the videos are available to clients, if requested, after the completion of the project.

In the last five (10) years ETAG have cleaned over 75 drinking water tanks and reservoirs, ranging from 50,000 gallons to 2

million gallons storage capacity. Clients include PRASA and industries such as NeolPharma, Pfizer, DuPont, Amgen, and many others.

3.4.0.0 OPERATION & MAINTENANCE MANUALS, STANDARD OPERATING PROCEDURES AND STANDARD MAINTENANCE PROCEDURES DEVELOPMENT.

These documents are very much alike and commonly they are mistaken. The Standard Operating and Maintenance Procedures technically describe step by step all tasks for these two areas. The Operation & Maintenance Manuals is a complete document that usually includes the SOP and/or SMP as part of it. In all the projects that we have completed, the O&M Manual has been developed following the Environmental Protection Agency (EPA) guidelines for manuals preparation and included topics such as, Users Guide, Requirements & Permits, Treatment Process (A description, process control and problem solving guide), Laboratory Analysis & Process Control Tests, Records, Maintenance, Rapid Response and Safety & Health.

Standard Operating Procedures, Pharmaceutical Industry, Cayey, Puerto Rico - The scope of work included the development of the standard operation procedures for the treatment plant. It included all the procedures for the operation of a chemical - a physical pretreatment unit with "Dissolved Air Flotation" (DAF) and an activated sludge plant, "Step Aeration" mode, its components and the corresponding process control.

O&M Manual Development and Preparation, Puerto Rico Aqueduct and Sewer Authority (PRASA) - ETAG developed and prepared the O&M Manual for three (3) treatment facilities of this utility, in Luquillo, Yabucoa and San Lorenzo.

O&M Manual Development and Preparation, Sun Oil, Petroleum Refinery, Yabucoa, Puerto Rico - The project consisted of collecting information on the treatment systems, development on process and maintenance, with the corresponding illustrations. This is a complex treatment plant due to their design, location, wastes composition and units set up. The treatment system included units such as; API Separators, Dissolved Air Flotation (DAF), Activated Sludge Plant; Complete

Mix Mode, Activated Sludge Plant; Contact Stabilization Mode, Clarifiers, Drying Beds and Induced Air Flotation (IAF).

O&M Manual Development and Preparation, Contractor/Utility Company, Caguas, Puerto Rico - ETAG developed and prepared the O & M Manual for a treatment facility of this utility, but as a subcontract of the Construction Company. This facility is located at Yauco, P.R.

Standard Operating Procedures, Pharmaceutical Industry, Fajardo, Puerto Rico - The scope of work included the development of the standard operation proceedings for the treatment plant. Twenty-three (23) procedures were developed covering all the operation and laboratory work. It also included a thirty-two (32) hours training as part of the implementation process

O&M Manual Development and Preparation, Utility Company, San Juan, Puerto Rico - ETAG developed and prepared the O&M Manual for four (4) treatment facilities and two (2) pump stations, in Lares, Utuado, Toa Alta Heights, Juncos, Coamo and Salinas.

O&M Manual Development and Preparation, Contractor/Agency of Government, Caguas, Puerto Rico - ETAG developed and prepared the O&M Manual for a treatment facility of this utility, but as a subcontract of the Construction Company. This facility is found in Mayaguez, P.R.

O&M Manual Development and Preparation, Utility Company, San Juan, Puerto Rico - ETAG developed and prepared the O&M Manual for one (1) pump station, in Coamo, P.R.

O&M Manual Development and Preparation, Contractor/Agency of Government, Guaynabo, Puerto Rico - ETAG developed and prepared the O&M Manual for a Water Treatment Plant Sludge Handling facility of this utility, but as a subcontract of the Construction Company. This facility is located in Guaynabo, P.R.

O&M Manual Development and Preparation, Contractor/Agency of Government, Ponce, Puerto Rico - ETAG developed and prepared the O&M Manual for a treatment facility of this utility, but as a subcontract of the Construction Company. This facility is found in Ponce, P.R.

Standard Operating Procedures in “Pocket Size” format for WWTP Effluent Pump Station, Contractor/Government Agency, Arecibo, P.R.

O&M Manual Development and Preparation Municipal Waste Water Treatment Plant, Juncos, Puerto Rico – ETAG developed and prepared the O&M Manual for a municipal wastewater treatment plant. This treatment plant, which is located in Juncos, is of a package kind.

O&M Manual Development and Preparation Municipal Drinking Water Treatment Plant, Utuado Urbana, Puerto Rico – ETAG developed and prepared the O&M Manual for a municipal drinking water treatment plant. This treatment plant is characterized by his up flow solids contact clarifier, which can handle up to 2 MGD.

O&M Manual Developed and Preparation PRASA Community Drinking Water System, Yabucoa, Puerto Rico – ETAG developed and prepared the O&M Manual for a PRASA community drinking water system, which consists of typical processes of coagulation, flocculation, sedimentation, filtration and chlorination.

O&M Manual Development and Preparation, Utility Company Pump Station, Ceiba, Puerto Rico – ETAG developed and prepared the O&M for one (1) pump station in Aguas Claras Ward, Ceiba.

3.5.0.0 O&M ASSISTANCE PROJECTS.

Development and Implementation of A Process Control Program , PRASA, (Islandwide) Puerto Rico – COMPLETED - The project includes an evaluation of all wastewater (68 WWTP) and drinking water treatment plants (125 WTP), and sludge

treatment systems and the current needs (80 STS), development of a uniform process control program and its implementation. The implementation includes room and "hands on" training, and field assistance. This project started four years ago, and for wastewater we are in Phase IV which includes process control manuals revision and final implementation assistance. In the drinking water side we are in the development process and starting implementation. This project also includes supporting the water utility in specific trouble shooting needs (treatment and process control, O&M) as they require.

Dissolved Air Flotation Unit Upgrade Project, Pharmaceutical Industry, Cayey, Puerto Rico - This project included all the coordination with the different suppliers and contractors for the repair of a dissolved air unit and the site supervision.

Assistance in the Operation of a Treatment Plant, Pharmaceutical Industry, Vega Baja, Puerto Rico - This project consisted of an evaluation of the treatment and laboratory facilities, preparation of process control procedures, laboratory methods development, evaluation of the operator's skills, design a training to improve those skills, a later reevaluation and establish an operational strategy.

Evaluation and Operational Optimization of a Chemical - Physical Treatment Process, Pharmaceutical Industry, Vega Baja, Puerto Rico - The scope of work included laboratory tests, bench scale testing, findings and results implementation, evaluation, procedures development, and additional recommendations as of how to improve the system operation and maintenance, and training the operators.

Operational Assistance for Warner Chilcott Wastewater Treatment Plant, Pharmaceutical Industry, Fajardo, Puerto Rico - ETAG provided personnel to assist in the operations of an industrial treatment plant. The assistance consisted auditing the plant operations and providing recommendations as of how to improve it. This project has been repeated two (2) more times for this client.

Start-up and Operational Assistance of a Treatment Plant, Food Processing Industry, Nestlé, Bayamón, Puerto Rico - ETAG provided personnel to assist in the operations of an industrial treatment plant from the start until system was stable.

Development and Implementation of Process Control Program for MENEM, Cosmetics Manufacturer, Juncos, Puerto Rico - The project included an evaluation of the treatment process and the current needs, development of a process control program and its implementation. The implementation consisted of training and field assistance.

Evaluation of an Industrial Wastewater Treatment Plant, Food Processing, Cidra, Puerto Rico - The project consisted in Equalization, Chemical-Physical Treatment, Biotower, Activated Sludge, Carbon and Sand Filter and Dewatering. Project also included the development of SOP's, SMP's, Process Control and Strategy Development and Implementation.

Food Processing, Cervecería India, Mayagüez, Puerto Rico - ETAG was part of a Technical Evaluation Team that evaluate a Brewery WWTP Operations and Facilities.

Evaluation of an Industrial WWTP, Pfizer Pharmaceutical Industry, Caguas, Puerto Rico - This project included recommendations to improve the operations. The system consists of Two (2) Sequential Batch Reactors.

Small Systems inventory update. ETAG assisted an Engineering Firm in this project to update Drinking Water Small System in Puerto Rico. It included visiting over 240 community systems gathering specific data such as organization, location (gps) and brief description of actual operation. Final report included O&M evaluation and estimate.

Small System inventory update. ETAG assisted an Engineering Firm in this project to update Drinking Water Small System in Puerto Rico. It included visiting over 240 community systems gathering specific data such as organization, location (gps) and brief description of actual operation. Final report included O&M evaluation and estimate.

Start-up and Operational Assistance and Training of a New Wastewater Treatment Plant, PRASA, Jayuya, Puerto Rico - ETAG provided personnel to assist in the start up and operation of a municipal wastewater treatment plant from the start until system was stable. The process of treatment was developed for an Oxidation Dish system.

Start-up and Operational Assistance of a New PRASA Wastewater Treatment Plant at Guanica, Puerto Rico - ETAG provided personnel to perform the start up and operation of a municipal wastewater treatment plant from the start until system was stable. The process of treatment was developed for an BNR process type system.

Start-up, Operational Assistance and Personnel Training of a Rehabilitated PRASA Wastewater Treatment Plant at Camuy, Puerto Rico - ETAG provided personnel to perform the start up and operation assistance of a municipal wastewater treatment plant from the start until system was stable. The process of treatment was developed for a Biotower process type system.

Start-up and Operational Assistance of an Expanded PRASA Water Treatment Plant at Gurabo, Puerto Rico - ETAG provided personnel to perform the start up and operation assistance of a municipal water treatment plant from the start until system was stable. The process of treatment was developed for a Super Pulsator process type system.

Start-up, Operational Assistance and Personnel Training of a New PRASA Water Treatment Plant at Villalba, Puerto Rico - ETAG provided personnel to perform the start up and operation assistance of a municipal water treatment plant from the start until system was stable. The process of treatment design is based in a Total Membrane Filtration process type system.

3.5.0.0 UST CLOSURE / REMOVAL PROJECTS MANAGEMENT.

The following projects are those most important completed by ETAG. In this type of project ETAG is usually contracted for the project management, quality control, preparation of the closure

plan, subcontracting the construction phase, laboratory and soil sampling.

Preparation of a UST Closure Plan: 500 gallons, Automobiles Repair Workshop, Carolina, Puerto Rico.

Preparation of a UST Closure Plan for Three (3) Tanks (Two (2) of 4,000 gallons and One of 6,000 gallons), Gasoline Station, Rio Grande, Puerto Rico.

Preparation of a UST Closure Plan and Removal of a 2,500 gallons tank, Gasoline Station, Guánica, Puerto Rico.

Preparation of a UST Closure Plan and Removal of a 10,000 and 2,000 gallons Tanks, Food Processing Industry, Toa Baja, Puerto Rico.

Preparation of a UST Closure Plan and on-site Closure of a 2,000 gallons Tank, Solids Waste Management Company, Cataño, Puerto Rico.

Preparation of a UST Closure Plan and Removal of a 10,000 gallon Tank, Paper Manufacturing Company, Cataño, Puerto Rico.

Preparation of a UST Closure Plan and Removal of a 4,000 gallon Tank, Textiles Industry, Corozal, Puerto Rico.

Preparation of a UST Closure Plan and Removal of a Three (3) 10,000 gallons Tanks, Government Agency, Las Piedras, Puerto Rico.

Preparation of a UST Closure Plan and Removal of one (1) 1,500 gallons Tanks, Government Agency, Rio Grande, Puerto Rico

Preparation of a UST Closure Plan and Removal of one (1) 1,000 gallons Tanks, Government Agency, Gurabo, Puerto Rico

Preparation of a UST Closure Plan and Removal of Four (4) Tanks, One (1) of 10,000 gallons and Three (3) of 500 gallons, Municipal Government, Caguas, Puerto Rico.

Technical Assistance in the Preparation of a UST Closure Plan and Removal One (1) 6,000 gallons Tank, Gasoline Station, Aguas Buenas, Puerto Rico.

Technical Assistance in the Installation of a New Fuel Storage System and Regulatory Affairs related to existing one, Food Processing Industry, Carolina, Puerto Rico.

Technical Assistance in the Preparation of a UST Closure Plan and Removal of Two (2) Tanks of 8,000 gallons, Private Customer, Bayamón, Puerto Rico.

3.6.0.0 COLLECTION SYSTEMS SMOKE & DYE EVALUATIONS.

ETAG has worked in several projects in which engineering consultants and/or industries want to investigate and to detect their sanitary, industrial and/or Storm water collection systems. Most of the projects include checking for interconnections among the three systems. For these projects our personal uses dye and special smoke. The following are the most important projects than we have completed:

Smoke & Dyes Evaluation, Electronics Industry, Humacao, Puerto Rico.

Smoke & Dyes Evaluation, Electronics Industry, Vega Baja, Puerto Rico.

Smoke & Dyes Evaluation, Electronics Industry, Manati, Puerto Rico.

Smoke & Dyes Evaluation, Food Processing Industry, Aibonito, Puerto Rico.

Smoke & Dyes Evaluation, Electronics Industry, Añasco, Puerto Rico.

Smoke & Dyes Evaluation, Electronics Industry, Arecibo, Puerto Rico.

Smoke & Dyes Evaluation, Electronics Industry, Vega Alta, Puerto Rico.

Smoke & Dyes Evaluation, Vega Baja, Puerto Rico.

Smoke & Dyes Evaluation, Pharmaceutical Industry, Dorado, Puerto Rico.

Smoke & Dyes Evaluation (Update), Electronics Industry, Vega Baja, Puerto Rico

Smoke & Dyes Evaluation, Power Company, San Juan, Puerto Rico.

3.7.0.0 ASSISTANCE IN REGULATION, TECHNICAL ASSISTANCE, REPORTS, PERMITS, SPECIAL SAMPLING AND OTHER FIELD PROJECTS.

Assistance in the Operation of a Sludge Drying System - Polymer Vendor/Utility Company, San Juan, Puerto Rico - The system included four (4) belt filter press units. ETAG provided technical assistance to a chemical treatment products supplier in the operation of the presses. Each of these presses has capacity of 4,000 lbs. of dry sludge per hour.

Technical Assistance for a Potable Water Private System Operation System Permit, Pharmaceutical Industry, Las Piedras, Puerto Rico - ETAG provided technical assistance during the implementation the operation permit for a potable water system operation in a pharmaceutical manufacturing plant.

Preparation of an EQB Zero Discharge Permit, Paper Manufacturing Company, Arecibo, Puerto Rico.

Technical Assistance in the Application of Chemical Products in Treatment Plant, Milk Processing Plant, San Juan, Puerto Rico - Technical assistance in the application of chemical products, such as coagulants, flocculants and defoamers.

Technical Assistance Hazardous Waste Management Program, Pharmaceutical Industry, Canovanas, Puerto Rico - ETAG assisted in the development and implementation of the hazardous waste management program of a small pharmaceutical program.

Technical Assistance in Operation & Maintenance for a WWTP Upgrade Project, Pharmaceutical Industry, Las Piedras, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Pharmaceutical Industry, Canovanas, Puerto Rico.

EPA Survey for a Pharmaceutical Plant, Pharmaceutical Industry, Cayey, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Pharmaceutical Industry, Cayey, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Electronics Industry, Caguas, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Shoe Industry, Humacao, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Gurabo, Puerto Rico.

Asbestos Containing Material Limited Survey, Pharmaceutical Industry, Cayey, Puerto Rico.

Development and Project Implementation of all Field Work to Obtain Data on the Solid Waste Collection System, Engineering Consultant/Municipality, San Juan, Puerto Rico -field data of the solid waste collection system for a Municipality. The data included collection routes, time studies, solid waste classification, trucks weighting and equipment inventory.

Asbestos Containing Material Limited Survey, Textiles Industry, Corozal, Puerto Rico.

Environmental Analysis (PRIDCO Guidelines), Printshop, Gurabo, Puerto Rico.

Technical Assistance Hazardous Waste Management Program, Pharmaceutical Industry, Canóvanas, Puerto Rico.

Development of a Hazardous Waste Minimization Program, Pharmaceutical Industry, Humacao, Puerto Rico.

Environmental Analysis (PRIDCO Guidelines), Electronic Industry, Humacao, Puerto Rico.

Preparation of EQB Construction and Operation Air Permits, Electronic Industry, Humacao, Puerto Rico.

Assistance in the Air Emission Permits, Medical Insurance Company, Guaynabo, Puerto Rico.

Assistance in Hazardous Waste and other Environmental Areas Audit, Pharmaceutical Industry, Canóvanas, Puerto Rico.

NPDES Related Technical Assistance, Power Company, Guayanilla, Puerto Rico.

Operation and Maintenance of Fifteen (15) Recovery Wells, Consultant/Military Base, Carolina, Puerto Rico.

3.8.0.0 NOISE STUDIES

Noise Study, Pharmaceutical Industry, Las Piedras, Puerto Rico - Study to determine the effect of noise from the operations of a pharmaceutical industry in the surrounding residential areas and the corresponding EQB regulation.

Noise Study, Pharmaceutical Industry, Las Piedras, Puerto Rico - Study to determine the effect of noise from the operations of a pharmaceutical industry in the surrounding residential areas and the corresponding EQB regulation, after the company had taken certain measures to mitigate the generated noise.

Noise Study, Food Industry, Corozal, Puerto Rico - Study to determine the effect of noise from the operations of a pharmaceutical industry in the surrounding residential areas and the corresponding EQB regulation.

Noise Study II, Pharmaceutical Industry, Las Piedras, Puerto Rico - Study to determine the effect of noise from the operations of a pharmaceutical industry in the surrounding residential areas and the corresponding EQB regulation.

Noise Study, Pharmaceutical Industry, Fajardo, Puerto Rico – Study to determine the effect of noise from the operations of a pharmaceutical industry in the surrounding residential areas and the corresponding EQB regulation.

3.9.0.0 TREATABILITY STUDIES

Treatability Study, Warner Lambert Pharmaceutical Company, Vega Baja, Puerto Rico – Treatability Study (Biological) to evaluate effects of new products to be manufactured in existing activated sludge plant. Method: Pilot scale reactors

Treatability Study, Pharmaceutical Company, McNeil Healthcare Las Piedras, Puerto Rico - Treatability Study (Biological) to evaluate effects of new products to be manufactured in existing activated sludge plant. Method: Pilot scale reactors

Treatability Study, Pharmaceutical Company, Fajardo, Puerto Rico - Treatability Study (Chemical-Physical) Coagulation and Flocculation Processes evaluation as treatment alternatives for reverse osmosis brine. Method: Laboratory Jas-Test

Treatability Study, Pharmaceutical Company, Las Piedras, Puerto Rico - Treatability Study (Biological) to evaluate effects of new products to be manufactured in existing activated sludge plant. Method: Pilot scale reactors

Treatability Study, Pharmaceutical Company, Las Piedras, Puerto Rico - Treatability Study (Chemical-Physical) Oxidation with chlorine and permanganate as treatment alternatives for color removal and refractory COD. Method: Laboratory Jar Test

Treatability Study, Pharmaceutical Company, Bayamón, Puerto Rico - Biological Process Treatability Study to evaluate if waste could be treated in a refinery activated sludge plant in an emergency, biodegradability and feeding rates. Method: Pilot Scale Reactors.

3.10.0.0 TURN KEY PROJECTS FOR TREATMENT SYSTEMS

ETAG personnel managed all or specific tasks during construction projects of new treatment systems. For this type of project, ETAG works along its sister company TEAM, which can provide several alternatives in treatment system equipment.

Orange Crush, Bayamón, PR – ETAG/TEAM sold and delivered an activated sludge package plant (high rate extended aeration). Capacity was 45,000 gpd of high strength waste. Responsibilities included equipment, technical support during construction, start up and debugging.

Medtronics, Juncos, PR - ETAG/TEAM sold and delivered an activated sludge package plant (high rate extended aeration). Capacity was 40,000 gpd. Responsibilities included equipment, technical support during construction, start up and debugging, and coordinating other technical efforts such as the engineering as part of including permitting our contract.