

- B. Additional Services of ENGINEER: As noted below, the ENGINEER is hereby authorized to perform the following additional services as outlined in Exhibit A – Paragraphs 2.01 and 2.02:

Included	Excluded		
<input type="checkbox"/>	<input type="checkbox"/>	a.	Design Survey
<input type="checkbox"/>	<input type="checkbox"/>	b.	Grant or Loan Application
<input type="checkbox"/>	<input type="checkbox"/>	c.	Storm Water Pollution Prevention Plan
<input type="checkbox"/>	<input type="checkbox"/>	d.	Environmental Assessment
<input type="checkbox"/>	<input type="checkbox"/>	e.	Environmental Information Document
<input type="checkbox"/>	<input type="checkbox"/>	f.	Resident Project Representative Services
<input type="checkbox"/>	<input type="checkbox"/>	g.	Construction Survey (Baselines and Benchmarks)
<input type="checkbox"/>	<input type="checkbox"/>	h.	Geotechnical Investigation
<input type="checkbox"/>	<input type="checkbox"/>	i.	Materials Testing
<input type="checkbox"/>	<input type="checkbox"/>	j.	Analytical Testing
<input type="checkbox"/>	<input type="checkbox"/>	k.	Reimbursable Expenses (Mileage, Printing, Postage & etc.)
<input type="checkbox"/>	<input type="checkbox"/>	l.	Easement or Boundary Surveys
<input type="checkbox"/>	<input type="checkbox"/>	m.	Easement or Boundary Descriptions
<input type="checkbox"/>	<input type="checkbox"/>	n.	Land Acquisition Services
<input type="checkbox"/>	<input type="checkbox"/>	o.	TxDOT Utility Installation Request Applications
<input type="checkbox"/>	<input type="checkbox"/>	p.	Operation and Maintenance Manual
<input type="checkbox"/>	<input type="checkbox"/>	q.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	r.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	s.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	t.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	u.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	v.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	w.	Other:

### 3. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 and in Exhibit B, except as modified by this Task Order. Owner shall be responsible for all testing fees that may be required as part of the evaluation (none are anticipated). Owner shall provide City staff and equipment as necessary to assist with the evaluation. For example, City staff will need to unlock and open hatches, provide plans or details of existing stations, turn pumps on and off, and other miscellaneous tasks.

#### 4. Times for Rendering Services

[illegible]

**Note:**

Should review times exceed those identified above, the project schedule will be extended accordingly.

52

5. **Payments to Engineer**

A. Owner shall pay Engineer for services rendered as follows:

Work Task	Study & Report Phase	Preliminary Design Phase	Final Design Phase	Bidding Phase	Construction Phase (See Note Two)	Commissioning Phase	Total	Payment Method (See Note 1)
Basic Services								Lump Sum
Site Evaluation and Report	\$5,000.00						\$5,000.00	
<b>Subtotal</b>							\$5,000.00	

								Hourly Rate and Reimbursable Expenses
<b>Subtotal</b>								
<b>Total</b>	\$5,000.00						\$5,000.00	

Notes:

<sup>1</sup> Payment Method: Fees shown for services to be provided on the basis of Hourly Rates and Reimbursable Expenses as shown in Par. 6 of this Task Order are estimated only and are not considered lump sum or not-to-exceed values.

<sup>2</sup> Construction Phase Basic Service assumes a construction period of 0 consecutive calendar days. ENGINEER shall be subject to additional compensation if construction is extended beyond this period.

## 6. Hourly Rates and Reimbursable Expenses Schedule

Current agreements for engineering services stipulate that Hourly Rates and Reimbursable Expenses are subject to review and adjustment. Rates for reimbursable expenses effective on the date of this Agreement are:

Principal	\$185.00/hour
Aviation Planner	\$178.00/hour
Senior Project Manager	\$160.00/hour
Electrical Engineer	\$160.00/hour
Environmental Planner	\$155.00/hour
Mechanical Engineer	\$140.00/hour
Senior Project Architect	\$140.00/hour
Project Manager	\$130.00/hour
Project Architect	\$120.00/hour
Project Engineer	\$110.00/hour
Engineering Technician	\$95.00/hour
Design Engineer	\$90.00/hour
Senior Design Technician	\$90.00/hour
Design Technician	\$70.00/hour
Safety Consultant	\$70.00/hour
GIS Analyst	\$125.00/hour
GIS Specialist	\$100.00/hour
Project Assistant	\$70.00/hour
CADD Technician	\$60.00/hour
Graphic Designer	\$55.00/hour
Administrative Assistant	\$50.00/hour
Secretary	\$40.00/hour
Senior Project Representative	\$70.00/hour
Project Representative	\$65.00/hour
Four-Man Survey Crew	\$165.00/hour
Three-Man Survey Crew	\$140.00/hour
Two-Man Survey Crew	\$115.00/hour
Registered Surveyor	\$100.00/hour
Survey Technician	\$70.00/hour
Mileage	\$0.58/mile
ATV (4-Wheeler)	\$100.00/day
Per Diem (Survey Crew):	
Meals	\$25.00/person/day
Lodging	Actual Cost
Reimbursable Expenses (Air Travel, Copies, Printing)	Actual Cost
Outside Consultants	Cost + 15%

\*Subject to adjustments on an annual basis.

7. Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is \_\_\_\_\_.

OWNER: City of Italy

ENGINEER: KSA Engineers, Inc.

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: James Hobbs

Name: Joncie H. Young, P.E.

Title: Mayor

Title: President

Date Signed: \_\_\_\_\_

Date Signed: 9/2/14

Engineer License or Firm's  
Certificate No. F-1356

State of: Texas

**DESIGNATED REPRESENTATIVE FOR  
TASK ORDER:**

**DESIGNATED REPRESENTATIVE FOR TASK  
ORDER:**

Name: Teri Murdock

Name: Scott Hoelzle

Title: City Administrator

Title: Project Manager

Address: 101 W. Main Street  
PO Box 840  
Italy, TX 76651

Address: 8875 Synergy Drive  
McKinney, TX 75070

E-Mail Address: italycityhall@yahoo.com

E-Mail Address: shoelzle@ksaeng.com

Phone: 972-483-7329

Phone: 972-542-2995

Fax: 972-483-2800

Fax: 972-542-6750

## TASK ORDER FORM

This is Task Order No. ITL.010,  
consisting of 6 pages,  
dated \_\_\_\_\_.

**KSA Project Number: ITL.010**

**Owner Project (or Purchase Order) Number:**

**Project Name: Bar Screen Improvements**

---

In accordance with paragraph 1.01 of the Standard Form of Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated August 12, 2011 ("Agreement"), Owner and Engineer agree as follows:

**1. Specific Project Data**

- A. Owner: City of Italy
- B. Title: Bar Screen Improvements
- C. Description: Engineer shall provide plans and specifications for a new manual bar screen to be installed at the wastewater treatment plant in response to a recent TCEQ inspection.
- D. Number of Construction Contracts: 1

**2. Services of Engineer**

- A. Provide the services in Exhibit A – Schedule of Engineer's Services as outlined below:
  - a. *Study and Report Phase:*  
Not included.
  - b. *Preliminary Design Phase:*  
Engineer shall provide the services outlined in Paragraph A1.02 of the Agreement.
  - c. *Final Design Phase:*  
Engineer shall provide the services outlined in Paragraph A1.03 of the Agreement.
  - d. *Bidding or Negotiating Phase:*  
Not included.
  - e. *Construction Phase:*  
Engineer shall provide the services outlined in Paragraph A1.05 of the Agreement.
  - f. *Commissioning Phase (or Operational Phase):*  
Not included.

- B. Additional Services of ENGINEER: As noted below, the ENGINEER is hereby authorized to perform the following additional services as outlined in Exhibit A – Paragraphs 2.01 and 2.02:

Included	Excluded		
<input type="checkbox"/>	<input type="checkbox"/>	a.	Design Survey
<input type="checkbox"/>	<input type="checkbox"/>	b.	Grant or Loan Application
<input type="checkbox"/>	<input type="checkbox"/>	c.	Storm Water Pollution Prevention Plan
<input type="checkbox"/>	<input type="checkbox"/>	d.	Environmental Assessment
<input type="checkbox"/>	<input type="checkbox"/>	e.	Environmental Information Document
<input type="checkbox"/>	<input type="checkbox"/>	f.	Resident Project Representative Services
<input type="checkbox"/>	<input type="checkbox"/>	g.	Construction Survey (Baselines and Benchmarks)
<input type="checkbox"/>	<input type="checkbox"/>	h.	Geotechnical Investigation
<input type="checkbox"/>	<input type="checkbox"/>	i.	Materials Testing
<input type="checkbox"/>	<input type="checkbox"/>	j.	Analytical Testing
<input type="checkbox"/>	<input type="checkbox"/>	k.	Reimbursable Expenses (Mileage, Printing, Postage & etc.)
<input type="checkbox"/>	<input type="checkbox"/>	l.	Easement or Boundary Surveys
<input type="checkbox"/>	<input type="checkbox"/>	m.	Easement or Boundary Descriptions
<input type="checkbox"/>	<input type="checkbox"/>	n.	Land Acquisition Services
<input type="checkbox"/>	<input type="checkbox"/>	o.	TxDOT Utility Installation Request Applications
<input type="checkbox"/>	<input type="checkbox"/>	p.	Operation and Maintenance Manual
<input type="checkbox"/>	<input type="checkbox"/>	q.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	r.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	s.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	t.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	u.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	v.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	w.	Other:

### 3. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 and in Exhibit B, except as modified by this Task Order. Owner shall provide City staff and equipment as necessary to assist with the project. For example, City staff will need to assist with access, provide plans or details of existing facilities, and other miscellaneous tasks.

#### 4. Times for Rendering Services

[illegible]

Note:

Should review times exceed those identified above, the project schedule will be extended accordingly.



5. **Payments to Engineer**

A. Owner shall pay Engineer for services rendered as follows:

Work Task	Study & Report Phase	Preliminary Design Phase	Final Design Phase	Bidding Phase	Construction Phase (See Note Two)	Commissioning Phase	Total	Payment Method (See Note 1)
Basic Services		\$2,500.00	\$1,500.00		\$1,000.00		\$5,000.00	Lump Sum
<b>Subtotal</b>		\$2,500.00	\$1,500.00		\$1,000.00		\$5,000.00	

Expenses		\$150.00			\$150.00		\$300.00	Hourly Rate and Reimbursable Expenses
<b>Subtotal</b>		\$150.00			\$150.00		\$300.00	
<b>Total</b>		\$2,650.00	\$1,500.00		\$1,150.00		\$5,300.00	

Notes:

<sup>1</sup> Payment Method: Fees shown for services to be provided on the basis of Hourly Rates and Reimbursable Expenses as shown in Par. 6 of this Task Order are estimated only and are not considered lump sum or not-to-exceed values.

<sup>2</sup> Construction Phase Basic Service assumes a construction period of 0 consecutive calendar days. ENGINEER shall be subject to additional compensation if construction is extended beyond this period.

## 6. Hourly Rates and Reimbursable Expenses Schedule

Current agreements for engineering services stipulate that Hourly Rates and Reimbursable Expenses are subject to review and adjustment. Rates for reimbursable expenses effective on the date of this Agreement are:

Principal	\$185.00/hour
Aviation Planner	\$178.00/hour
Senior Project Manager	\$160.00/hour
Electrical Engineer	\$160.00/hour
Environmental Planner	\$155.00/hour
Mechanical Engineer	\$140.00/hour
Senior Project Architect	\$140.00/hour
Project Manager	\$130.00/hour
Project Architect	\$120.00/hour
Project Engineer	\$110.00/hour
Engineering Technician	\$95.00/hour
Design Engineer	\$90.00/hour
Senior Design Technician	\$90.00/hour
Design Technician	\$70.00/hour
Safety Consultant	\$70.00/hour
GIS Analyst	\$125.00/hour
GIS Specialist	\$100.00/hour
Project Assistant	\$70.00/hour
CADD Technician	\$60.00/hour
Graphic Designer	\$55.00/hour
Administrative Assistant	\$50.00/hour
Secretary	\$40.00/hour
Senior Project Representative	\$70.00/hour
Project Representative	\$65.00/hour
Four-Man Survey Crew	\$165.00/hour
Three-Man Survey Crew	\$140.00/hour
Two-Man Survey Crew	\$115.00/hour
Registered Surveyor	\$100.00/hour
Survey Technician	\$70.00/hour
Mileage	\$0.58/mile
ATV (4-Wheeler)	\$100.00/day
Per Diem (Survey Crew):	
Meals	\$25.00/person/day
Lodging	Actual Cost
Reimbursable Expenses (Air Travel, Copies, Printing)	Actual Cost
Outside Consultants	Cost + 15%

\*Subject to adjustments on an annual basis.

7. Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is \_\_\_\_\_.

OWNER: City of Italy

ENGINEER: KSA Engineers, Inc.

By: \_\_\_\_\_

By: 

Name: James Hobbs

Name: Jencie H. Young, P.E.

Title: Mayor

Title: President

Date Signed: \_\_\_\_\_

Date Signed: 9/2/14

Engineer License or Firm's  
Certificate No. F-1356

State of: Texas

DESIGNATED REPRESENTATIVE FOR  
TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK  
ORDER:

Name: Teri Murdock

Name: Scott Hoelzle

Title: City Administrator

Title: Project Manager

Address: 101 W. Main Street  
PO Box 840  
Italy, TX 76651

Address: 8875 Synergy Drive  
McKinney, TX 75070

E-Mail Address: italycityhall@yahoo.com

E-Mail Address: shoelzle@ksaeng.com

Phone: 972-483-7329

Phone: 972-542-2995

Fax: 972-483-2800

Fax: 972-542-6750

## TASK ORDER FORM

This is Task Order No. ITL.007,  
consisting of 6 pages,  
dated \_\_\_\_\_.

**KSA Project Number: ITL.007**

**Owner Project (or Purchase Order) Number:**

**Project Name: Wastewater Discharge Permit Amendment**

---

In accordance with paragraph 1.01 of the Standard Form of Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated August 12, 2011 ("Agreement"), Owner and Engineer agree as follows:

**1. Specific Project Data**

A. Owner: City of Italy

B. Title: Wastewater Discharge Permit Amendment

C. Description: Engineer shall prepare a wastewater discharge permit amendment on behalf of the City to add an equalization basin. The engineer shall submit the amendment application to the TCEQ for review and approval. It is assumed that the existing decommissioned pond will be utilized as an equalization basin. The pond will require installation of a clay liner prior to being used as an equalization basin. Design and installation of the liner is not included in this task order.

D. Number of Construction Contracts: 0

**2. Services of Engineer**

A. Provide the services in Exhibit A – Schedule of Engineer's Services as outlined below:

- a. *Study and Report Phase:*  
Engineer shall provide the services outlined in Paragraph A1.01 of the Agreement.
- b. *Preliminary Design Phase:*  
Not included.
- c. *Final Design Phase:*  
Not included.
- d. *Bidding or Negotiating Phase:*  
Not included.
- e. *Construction Phase:*  
Not included.
- f. *Commissioning Phase (or Operational Phase):*  
Not included.

- B. Additional Services of ENGINEER: As noted below, the ENGINEER is hereby authorized to perform the following additional services as outlined in Exhibit A – Paragraphs 2.01 and 2.02:

Included	Excluded		
<input type="checkbox"/>	<input type="checkbox"/>	a.	Design Survey
<input type="checkbox"/>	<input type="checkbox"/>	b.	Grant or Loan Application
<input type="checkbox"/>	<input type="checkbox"/>	c.	Storm Water Pollution Prevention Plan
<input type="checkbox"/>	<input type="checkbox"/>	d.	Environmental Assessment
<input type="checkbox"/>	<input type="checkbox"/>	e.	Environmental Information Document
<input type="checkbox"/>	<input type="checkbox"/>	f.	Resident Project Representative Services
<input type="checkbox"/>	<input type="checkbox"/>	g.	Construction Survey (Baselines and Benchmarks)
<input type="checkbox"/>	<input type="checkbox"/>	h.	Geotechnical Investigation
<input type="checkbox"/>	<input type="checkbox"/>	i.	Materials Testing
<input type="checkbox"/>	<input type="checkbox"/>	j.	Analytical Testing
<input type="checkbox"/>	<input type="checkbox"/>	k.	Reimbursable Expenses (Mileage, Printing, Postage & etc.)
<input type="checkbox"/>	<input type="checkbox"/>	l.	Easement or Boundary Surveys
<input type="checkbox"/>	<input type="checkbox"/>	m.	Easement or Boundary Descriptions
<input type="checkbox"/>	<input type="checkbox"/>	n.	Land Acquisition Services
<input type="checkbox"/>	<input type="checkbox"/>	o.	TxDOT Utility Installation Request Applications
<input type="checkbox"/>	<input type="checkbox"/>	p.	Operation and Maintenance Manual
<input type="checkbox"/>	<input type="checkbox"/>	q.	Other: Permit Amendment
<input type="checkbox"/>	<input type="checkbox"/>	r.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	s.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	t.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	u.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	v.	Other:
<input type="checkbox"/>	<input type="checkbox"/>	w.	Other:

### 3. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 and in Exhibit B, except as modified by this Task Order. Owner shall be responsible for all testing and publication fees that may be required as part of the permitting process. Owner shall also be responsible for acquiring all necessary buffer zone easements.

#### 4. Times for Rendering Services

[illegible]

**Note:**

Should review times exceed those identified above, the project schedule will be extended accordingly.

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## 5. Payments to Engineer

A. Owner shall pay Engineer for services rendered as follows:

Work Task	Study & Report Phase	Preliminary Design Phase	Final Design Phase	Bidding Phase	Construction Phase (See Note Two)	Commissioning Phase	Total	Payment Method (See Note 1)
Basic Services								Lump Sum
Permit Amendment			\$6,500.00				\$6,500.00	
<b>Subtotal</b>			\$6,500.00				\$6,500.00	

								Hourly Rate and Reimbursable Expenses
<b>Subtotal</b>								
<b>Total</b>			\$6,500.00				\$6,500.00	

### Notes:

<sup>1</sup> Payment Method: Fees shown for services to be provided on the basis of Hourly Rates and Reimbursable Expenses as shown in Par. 6 of this Task Order are estimated only and are not considered lump sum or not-to-exceed values.

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Two-Man Survey Crew	\$115.00/hour
Registered Surveyor	\$100.00/hour
Survey Technician	\$70.00/hour
Mileage	\$0.58/mile
ATV (4-Wheeler)	\$100.00/day
Per Diem (Survey Crew):	
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Outside Consultants	Cost + 15%

\*Subject to adjustments on an annual basis.



7. Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is \_\_\_\_\_.

OWNER: City of Italy

By: \_\_\_\_\_

Name: James Hobbs

Title: Mayor

Date Signed: \_\_\_\_\_

ENGINEER: KSA Engineers, Inc.

By: \_\_\_\_\_

Name: Joncie H. Young, P.E.

Title: President

Date Signed: 9/2/14

Engineer License or Firm's  
Certificate No. F-1356

State of: Texas

DESIGNATED REPRESENTATIVE FOR  
TASK ORDER:

Name: Teri Murdock

Title: City Administrator

Address: 101 W. Main Street  
PO Box 840  
Italy, TX 76651

E-Mail Address: italycityhall@yahoo.com

Phone: 972-483-7329

Fax: 972-483-2800

DESIGNATED REPRESENTATIVE FOR TASK  
ORDER:

Name: Scott Hoelzle

Title: Project Manager

Address: 8875 Synergy Drive  
McKinney, TX 75070

E-Mail Address: shoelzle@ksaeng.com

Phone: 972-542-2995

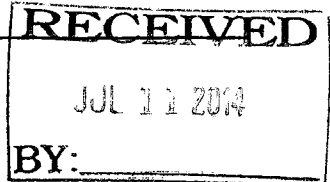
Fax: 972-542-6750

MWD/WQ0014195-001/CO/7-10-2014/CCI Report  
**Texas Commission on Environmental Quality**  
**Investigation Report**

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov

**Customer: City of Italy**  
**Customer Number: CN600460026**

**Regulated Entity Name: CITY OF ITALY WWTP**  
**Regulated Entity Number: RN102336310**



**Investigation #** 1159895

**Investigator:** CAROL MOULTON

**Conducted:** 05/20/2014 -- 05/20/2014

**Program(s):** WASTEWATER

**Investigation Type:** Compliance Investigation

**Additional ID(s):** WQ0014195001  
TX0123056

**Address:** ,  
, ,

**Incident Numbers**

**Site Classification** DOMESTIC MINOR

**NAIC Code:** 221320

**SIC Code:** 4952

**Location:** LOCATED APPROXIMATELY 0.75 FT  
SOUTH OF SH 34 AND 0.5 MI E OF FM RD 667 ELLIS  
COUNTY

**Local Unit:** REGION 04 - DFW METROPLEX

**Activity Type(s):** WWCCIMDMIN - WW CCI Mandatory  
Minor

**Principal(s):**

Role	Name
RESPONDENT	CITY OF ITALY

**Contact(s):**

Role	Title	Name	Phone
Regulated Entity Contact	DIRECTOR OF PUBLIC WORKS	MR DEAN CARRELL	Cell (903) 413-5606 Work (972) 483-6212
Regulated Entity Mail Contact	MAYOR	HON JAMES HOBBS	
Participated in Investigation	EMPLOYEE	MR CLINTON MCCASLAND	
Participated in Investigation	EMPLOYEE	MR JUSTYN HENDERSON	
Participated in Investigation	EMPLOYEE	MR JEFF CLAXTON	
Participated in Investigation	EMPLOYEE	MR JACOB HOPKINS	
Notified	DIRECTOR OF PUBLIC WORKS	MR DEAN CARRELL	Cell (903) 413-5606 Work (972) 483-6212

chlorine residual, were compliant with permitted effluent limits. This issue is noted as a resolved violation in the report. At the time of the investigation, the receiving stream appeared free of negative conditions such as foaming and sludge deposits.

The City of Italy is not required to have an approved pretreatment program. The city has a sewer use ordinance and a grease trap program to manage the discharge of fats, oil, and grease to their collection and treatment systems.

#### BACKGROUND

The last comprehensive compliance investigation was conducted on October 1, 2009. One violation was issued for failing to collect composite samples according to requirements. This violation has since been resolved. Three additional issues were noted.

A lift station focused investigation was conducted on September 14, 2011. One violation was issued for operation and maintenance issues at the lift station, and one additional issue was noted. The violation has since been resolved.

A complaint investigation was conducted on November 2, 2012 which resulted in the issuance of one violation for not reporting SSOs in a timely manner. This violation has been resolved.

#### ADDITIONAL INFORMATION

On May 6, 2014, Mr. Carrell informed the DFW Region Office that the wastewater treatment plant had experienced an upset which resulted in the discharge of partially treated wastewater via the outfall to the receiving stream. Mr. Carrell also advised that a vacuum truck service was contracted to remove the waste from the creek. Since attempts to transport the waste to an authorized disposal facility were unsuccessful, he decided to dump the waste into an abandoned pond that is adjacent to the plant. An unannounced wastewater reconnaissance investigation at the treatment plant was conducted on May 8, 2014 by Environmental Investigators, Carol Moulton and Karen Smith. They arrived onsite at 12:30 pm. Mr. Carrell was not available at the time, but site operators, Justyn "JT" Henderson, Clint McCasland, and Jeff Claxton escorted the investigators through the plant and explained the recent operational failures, repairs, and future actions to return the treatment facility to normal operations.

During the site investigation, the fine screen was no longer in use and replaced with the manual removal of screenings. As a result of this change in operation, a large amount of floating debris was observed in the plant. SBR unit #1 was operating in the normal mode, and SBR unit #2 was idle mode and not operational. Apparently during the upset, waste was diverted to SBR #2 when SBR #1 was taken off line for repairs. The gear box and associated parts that control the decanter for SBR #1 was reportedly stuck in the decant mode and partially treated wastewater (approximately 10,000 gallons) flowed into the chlorine contact chamber (CCC) to the receiving stream.

In order to reduce the impact to the environment, some of the partially untreated waste from the CCC was routed to SBR #2. Eventually this unit became overwhelmed or destabilized and was removed from service. The operators observed that settled solids had floated to the top of SBR#2 on May 5, 2014. SBR#2 was eventually cleaned out, and the waste was routed to the digester, then to the dewatering facility, and transported/disposed at the landfill.

The operators further explained that SBR #1 decanter gear box failed about two weeks ago, or mid-April, 2014 and they had a hard time finding parts to repair the unit. The gear box and bearings were replaced/ rebuilt and the unit was returned to normal operations on May 7, 2014.

Visible remnants of the waste that was dumped in the lagoon was observed during the investigation, and operators were advised that removal of the solids was needed, followed by disinfection with HTH or lime. The investigators were offsite by 1:30 pm.

During the May 20, 2014 investigation, Mr. Carrell indicated that the mechanical bar screen had broken a few years ago and the City was not able to have anyone from the company come out to fix it. Mr. Carrell indicated that KSA Engineering was designing a new mechanical bar screen and that it should be available within the next six months.

Mr. Carrell also indicated that the City has an inflow/infiltration (I/I) problem that results in hydraulically overloading of the SBR system. A letter dated February 10, 2014 was sent from MLA Consulting on behalf of the

**PERMIT , WQ0014195-001**

See EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, No. 1, page 2.

**Alleged Violation:**

**Investigation: 1159895**

Comment Date: 07/01/2014

Failure to accurately measure the flow according to the permit requirement. Specifically, the permit requires a totalizing meter that measures flow continuously. During the investigation, the permittee stated flow from the chart recorder was being utilized since the flow meter was not working properly.

Documentation received May 30, 2014 indicated that the effluent totalizing meter is being used to record flow at the plant. However, it was not determined if this meter has been calibrated at this time.

**Recommended Corrective Action:** Submit to the Region Office two weeks of flow data indicating the totalized flow meter is being used to record flow; this data set should be after the secondary meter has been calibrated. This data may be submitted using the log where flow is normally recorded.

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**Track Number: 540069**

**Compliance Due Date: 08/11/2014**

**Violation Start Date: 5/20/2014**

**30 TAC Chapter 305.125(1)**

**PERMIT , WQ0014195-001**

See MONITORING AND REPORTING REQUIREMENTS, No. 5. Calibration of Instruments, page 5.

**Alleged Violation:**

**Investigation: 1159895**

Comment Date: 07/01/2014

Failure to calibrate the secondary flow meter at least annually to ensure accuracy. Specifically, records indicating that the secondary flow meter had been calibrated in the previous 12 months were not available. All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually.

Documentation received May 30, 2014 indicated a Mr. Ken Wetson will be contacted to calibrate the flow meter.

**Recommended Corrective Action:** Submit to the Region Office a calibration certificate for the secondary flow meter indicating calibration has been done.

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**Track Number: 540085**

**Compliance Due Date: 08/11/2014**

**Violation Start Date: 9/30/2011**

**30 TAC Chapter 305.125(11)(B)  
30 TAC Chapter 305.125(11)(C)**

**PERMIT , WQ0014195-001**

See SLUDGE PROVISIONS, SECTION III REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL, Item G. Reporting Requirements, page 22.

**Alleged Violation:**

**Investigation: 1159895**

Comment Date: 07/03/2014

Failure to submit the Annual Sludge Report and Sludge Summary to the Region Office since 2011. Specifically,

72A

**Recommended Corrective Action:** Submit to the Region Office documentation describing action taken to prevent the recurrence of total chlorine residual violations.

**Resolution:** Documentation submitted May 30, 2014 indicated that City personnel made adjustments to the chlorine switch floats to ensure a minimum of 1.0 mg/l.

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**Track Number:** 540075

**Resolution Status Date:** 7/1/2014

**Violation Start Date:** 10/31/2009

**Violation End Date:** 5/20/2014

**30 TAC Chapter 305.125(1)**

**PERMIT , WQ0014195-001**

See EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, No. 1, page 2.

**Alleged Violation:**

**Investigation: 1159895**

**Comment Date:** 07/01/2014

Failure to maintain compliance with permitted flow limits. Specifically, the daily average flow for October 2009 was reported at 0.834 MGD, which is over the permit limit of 0.65 MGD. Compliance with the permitted flow limits must be maintained.

**Resolution:** No permit flow limit violations have been reported since November 2009, therefore this violation is considered resolved.

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**Track Number:** 540077

**Resolution Status Date:** 7/3/2014

**Violation Start Date:** 8/31/2010

**Violation End Date:** 5/20/2014

**30 TAC Chapter 305.125(1)**

**PERMIT , WQ0014195-001**

See EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, No. 1, page 2.

**Alleged Violation:**

**Investigation: 1159895**

**Comment Date:** 07/03/2014

Failure to maintain compliance with self-reported permit effluent limits. Specifically, the August and October 2010 ammonia nitrogen daily average and daily maximum were exceeded, and the January 2014 total chlorine residual maximum was exceeded. Compliance with the permitted effluent limits must be maintained.

**Resolution:** There have been no ammonia nitrogen violations reported since November 2010, and there have been no total chlorine residual violations reported since February 2014. Therefore, this violation is considered resolved. However, please note that self-reported effluent violations are subject to review by the Enforcement Division, and may be subject to enforcement action, including penalties.

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**Track Number:** 540083

**Resolution Status Date:** 7/3/2014

**Violation Start Date:** 10/31/2010

**Violation End Date:** 5/20/2014

**30 TAC Chapter 305.125(1)**

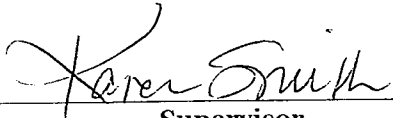
**PERMIT , WQ0014195-001**

See MONITORING AND REPORTING REQUIREMENTS, No. 7 Noncompliance Notification, item c., page 6.

**Alleged Violation:**

Signed   
Environmental Investigator

Date 7-3-2014

Signed   
Supervisor

Date 7/7/2014

Attachments: (in order of final report submittal) In Agency Files

☐ Enforcement Action Request (EAR)  
☒ Letter to Facility (specify type) : NOV  
Investigation Report  
☒ Sample Analysis Results + COC  
☐ Manifests  
☐ Notice of Registration

☐ Maps, Plans, Sketches  
☒ Photographs  
☒ Correspondence from the facility  
☒ Other (specify) :  
3560 FORM  
Exit Interview Form

## INVESTIGATION SAMPLE RESULTS

**Regulated Entity Name:** City of Italy WWTP

**Authorization ID(s):** WQ0014195-001; TX0123056

**Date of Investigation:** May 20, 2014

**Investigation No.:** 1159895

Sampling Location & Parameter 001	Measured Value	Authorized Limit	Type Sample	COC ID No.	Primary Source of Wastewater or Waste
Flow (MGD)	N/A†	N/A	N/A		Domestic
CBOD <sub>5</sub> (mg/l)	< 3	32	Grab	W004656-01	"
TSS (mg/l)	< 5	60	"	"	"
NH <sub>3</sub> -N (mg/l)	0.89	15	"	"	"
TDS (mg/l)	1200	Report	"	"	"
Chloride (mg/l)	173	Report	"	"	"
E. coli (MPN/100 ml)	1	394	"	W004603-01	"
TCl <sub>2</sub> res (mg/l)	0.60*	1.0-4.0	"	N/A	"
pH (S.U.)	7.89	6.0-9.0	"	N/A	"
DO (mg/l)	8.18	≥ 4.0	"	N/A	"

\* The Total Chlorine Residual result during the investigation was below the minimum effluent limitation and is addressed as a violation in the report.

†Flow was not available during the investigation because the staff gauge was not accessible, nor was the totalized meter working adequately.

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Zak Covar, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 3, 2014

### **E SIGNATURE CONFIRMATION #91 3499 9991 7030 0269 9089**

The Honorable James Hobbs, Mayor  
City of Italy  
P.O. Box 840  
Italy, Texas 76651-0840

Re: Acceptance of Compliance Plan for:  
Italy Wastewater Treatment Plant, Italy (Ellis County), Texas  
Regulated Entity No.: 102336310, TCEQ ID No.: 14195-001, EPA ID No.: TX0123056

Dear Mayor Hobbs:

The Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth (DFW) Region Office has completed a review of the compliance plan and additional information that you submitted August 12 and 28, 2014 for resolving the alleged violation dealing with operation and maintenance at the wastewater treatment plant. This alleged violation was noted during the investigation of the above-referenced facility conducted on May 20, 2014. The compliance plan with the additional information appears to identify necessary corrective action for the alleged violation. We will monitor your progress in implementing the corrective action. You should submit a progress report to our office by **December 8, 2014** demonstrating that the decommissioned pond has been cleaned, the plant access road has been rehabilitated, and the new bar screen design and rehabilitation is under way. Please be advised, though, that if we determine during follow-up monitoring that you are not working towards compliance or the problem has escalated, further enforcement action will be considered.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and anticipates that you will resolve the alleged violation as required in order to protect the State's environment. If you or members of your staff have any questions, please feel free to contact Ms. Carol Moulton in the DFW Region Office at (817)588-5894.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Tate".

Jeff Tate  
Water Section Manager  
DFW Region Office

JT/cm

Enclosure: Summary of Investigative Findings

TCEQ Region 4-Dallas/Fort Worth • 2309 Gravel Dr. • Fort Worth, Texas 76118-6951 • 817-588-5800 • Fax 817-588-5700

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# Summary of Investigation Findings

CITY OF ITALY WWTP

Investigation #

1190572  
Investigation Date: 08/14/2014

, ELLIS COUNTY,

Additional ID(s): WQ0014195001  
TX0123056

## ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 540063

2D TWC Chapter 26.121(a)  
2D TWC Chapter 26.121(a)(1)  
2D TWC Chapter 26.121(a)(3)  
2D TWC Chapter 26.121(b)  
2D TWC Chapter 26.121(c)  
2D TWC Chapter 26.121(d)  
2D TWC Chapter 26.121(e)  
30 TAC Chapter 305.125(4)  
30 TAC Chapter 305.125(5)  
TWC Chapter 26.121  
TWC Chapter 26.121(a)(2)

PERMIT WQ0014195-001

See PERMIT CONDITIONS, No. 2 Compliance, item g, page 7.

### Alleged Violation:

Investigation: 1159895

Comment Date: 07/01/2014

Failure to prevent the unauthorized discharge of wastewater. Specifically, 8 unauthorized discharges have been reported since the last investigation in 2011. Four of these have occurred at the Taylor Street Lift Station where the cause has been equipment failures, two have occurred at the Couch Street Lift Station, and two have occurred at the wastewater treatment plant. There shall be no unauthorized discharge of wastewater.

On May 30, 2014, documentation received in the Region Office indicated the City has contacted KSA Engineering and will be creating a plan to rehabilitate one of the lift stations and replace the other lift station. More information is required.

Investigation: 1190572

Comment Date: 08/29/2014

Failure to prevent the unauthorized discharge of wastewater.

**Recommended Corrective Action:** Submit to the Region Office a compliance plan and schedule with steps to be taken to prevent the recurrence of unauthorized discharges from the collection system and wastewater treatment plant, particularly the Taylor and Couch Street Lift Stations.

**Resolution:** Documentation submitted to the Region 4 Office on August 12, 2014 indicated the City has contacted KSA Engineering to evaluate, design and rehabilitate City lift stations, and assist with authorizing a decommissioned pond as an equalization basin at the wastewater treatment plant.

Track No: 540067

30 TAC Chapter 305.125(1)

PERMIT WQ0014195-001

See EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS, No. 1, page 2.

### Alleged Violation:

Investigation: 1159895

Comment Date: 07/01/2014

2011, 2012, and 2013 Annual Sludge Reports indicate a "No Discharge" when sludge had been produced and hauled offsite during the reporting years, and values should either be Y = 1, or N = 0.

Documentation received May 30, 2014 showed the TCLP results for sludge sampled on August 30, 2011. Annual Sludge Reports and Sludge Summaries were not included.

Investigation: 1190572

Comment Date: 08/29/2014

Failure to submit the Annual Sludge Report and Sludge Summary to the Region office since 2011.

**Recommended Corrective Action:** Submit a copy of the 2011, 2012, and 2013 Annual Sludge Reports and Sludge Summaries as required in the permit to the Region Office.

**Resolution:** The Region 4 Office received copies of the 2011, 2012, and 2013 ASR and Sludge Summaries on August 12 and 28, 2014.

Track No: 540086      Compliance Due Date: 08/11/2014  
30 TAC Chapter 305.125(5)

PERMIT WQ0014195-001

See OPERATIONAL REQUIREMENTS, No. 1, page 9.

**Alleged Violation:**

Investigation: 1159895

Comment Date: 07/03/2014

Failure to adequately operate and maintain the wastewater treatment plant. Specifically, the facility did not have an operational mechanical bar screen as indicated as a treatment unit in their permit application; did not have approval to use the lagoon to store sludge and trash from the May 8 unauthorized discharge and was not cleaned and disinfected by the May 20 investigation; and did not have a fully functional all-weather road during the May 8 rain event.

Documentation received May 30, 2014 indicated KSA Engineering has been hired by the City to design a compliant working bar screen. The other three issues were not discussed.

Investigation: 1190572

Comment Date: 08/29/2014

Failure to adequately operate and maintain the wastewater treatment plant.

**Recommended Corrective Action:** Documentation submitted to the Region 4 Office on August 12, 2014 indicated KSA Engineering was contracted to design and construct a new bar screen for the WWTP with a final construction date of 6 months. Documentation submitted to the Region 4 Office on August 28, 2014 indicated the City will clean and disinfect the decommissioned pond, and perform rehabilitation on the WWTP access road with a final date of 3 months. A progress report showing completion of the City projects and status of the KSA project is due December 8, 2014. All documents showing compliance, including photographs and work orders, should be submitted with the report.