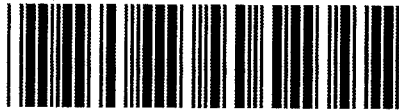




Control Number: 44875



Item Number: 41

Addendum StartPage: 0

RECEIVED

APPLICATION OF AQUA TEXAS,
INC. DBA AQUA TEXAS TO AMEND
CERTIFICATES OF CONVENIENCE
OF AND NECESSITY IN
MONTGOMERY COUNTY

§
§
§
§
§

PUBLIC UTILITY COMMISSION

OF TEXAS

MISSISSIPPI PM 4: 26
PUBLIC UTILITY COMMISSION
FILING CLERK

AQUA TEXAS' RESPONSE TO STAFF'S SECOND REQUEST FOR INFORMATION

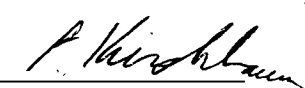
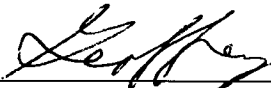
To: Public Utility Commission of Texas Staff, by and through their attorney of record, Mandeep Chatha, Public Utility Commission of Texas, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78711-3326.

Aqua Texas, Inc. ("Aqua") provides its response to PUC Staff's Second Request for Information to Aqua. Aqua Texas stipulates that the following response to request for information may be treated by all parties as if the answer was filed under oath.

Respectfully submitted,

TERRILL & WALDROP

By:




Paul M. Terrill III
State Bar No. 00785094
Geoffrey P. Kirshbaum
State Bar No. 24029665
810 West 10th Street
Austin, Texas 78701
Tel: (512) 474-9100
Fax: (512) 474-9888
gkirshbaum@terrillwaldrop.com

**ATTORNEYS FOR AQUA TEXAS, INC. D/B/A
AQUA TEXAS**

CERTIFICATE OF SERVICE

I certify that a copy of this document will be served on all parties of record on August 10, 2016 in accordance with P.U.C. Procedural Rule 22.74.



Geoffrey P. Kirshbaum

RESPONSE TO REQUEST FOR INFORMATION

Staff 2-1 Provide the TCEQ approval letter for the construction of the interconnection between the Old Egypt water system, PWS ID 1700666, and the Greenfield Forest water system, PWS ID 1700665, or provide an explanation of why approval from TCEQ is not needed.

RESPONSE:

This project stands as an example of how Aqua is able to use regional resources to benefit large numbers of customers simultaneously. Originally, Aqua Texas, Inc. ("Aqua") planned to use its Old Egypt water and wastewater system to serve the proposed amendment area applied for in this docket, which is what was described in its CCN Amendment Application filed in this docket ("Application"). However, Aqua subsequently determined that the proposed amendment area would be better served initially from the Greenfield Forest water system (PWS ID No. 1700665) ("Greenfield Forest") (Aqua notes that Greenfield Forest is another system listed on the Aqua Southeast Region tariff proposed to apply to the Application area). Independently of the Application, Aqua decided to enhance overall operations to all Aqua customers in the area along FM 1488 in Montgomery County, including the proposed amendment area, by interconnecting the Old Egypt and Greenfield Forest PWS facilities as part of a comprehensive service improvement project.

While Aqua still plans to use its Old Egypt wastewater facilities to serve the Application area, water service will be initially extended from Aqua's Greenfield Forest water system which is adjacent and closer to the Application area than Old Egypt. *See Exhibit A* (illustrating Old Egypt and Greenfield Forest systems and their existing CCN locations—the Application area can also be seen in development towards the east). Aqua received approval in 2012 for the distribution extension line which was further extended in 2016 to serve the Application area. *See Exhibit B* (March 19, 2012 TCEQ Letter and plan drawing) and *Exhibit C* (also included as Application Attachment 10, Utility Exhibit Map). Thus, the line that serves the Application area is in place and its extension to the Application area in 2016 did not require a TCEQ approval because the change was not considered significant under the TCEQ rules with respect to the initial phase of the development project. *See* 30 TAC §290.39(j)(1)(D) and P.U.C. SUBST. R. 24.105(a)(14)(A); *see also Exhibits B and C*.

As reflected in *Exhibit D*, TCEQ approved a new well for Greenfield Forest on June 30, 2015. The photo included as *Exhibit E* shows that well is nearly complete. More recently, as reflected in *Exhibit F*, TCEQ also approved a water plant upgrade for Greenfield Forest on July 22, 2016. Since the initial extension to the proposed amendment area and its initial phase of service will now be from Greenfield Forest, rather than Old Egypt, and because an approved water plant upgrade is underway for Greenfield Forest, Aqua submits that no interconnect approval is needed for planned service to the Application area at this time.

When the approved Greenfield Forest upgrade is completed (anticipated within the next 60 days), it will be able to support 2472 total connections. Currently, Greenfield Forest only has 521 connections. 576 connections are planned for the Application area, with only 33 connections planned for its first phase. Therefore, Greenfield Forest is fully capable of handling its existing connections, the anticipated connections within the initial phase of the development for the Application area, and more without completing the interconnect to Old Egypt. When Aqua is ready to interconnect the two systems, it will obtain TCEQ approval for that to occur and Old Egypt will be the surviving PWS of the two. A separate line from that described in the attached document will be used to effect that interconnect. However, the interconnect will not impact Aqua's ability to distribute water to the Application area under current approved plans from the Greenfield Forest system.

Aqua submits that this additional information should be sufficient for Commission Staff to recommend application approval. However, Aqua offers to answer any additional questions about this information Commission Staff may have upon request.

Prepared by: Scot W. Foltz, Environmental Compliance Manager, Aqua Texas, Inc.
Sponsored by: Scot W. Foltz, Environmental Compliance Manager, Aqua Texas, Inc.



Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



PWS/1700665/CO

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

EXHIBIT

B

March 19, 2011

Mr. Timothy D. Manley, P.E.
Manley Consultants, Inc.
9100 Southwest Freeway, Suite 251
Houston, Texas 77074-1524

Re: Greenfield Forest - Public Water System ID No. 1700665
Proposed Distribution Modifications - FM 1488 Lift Station
Engineer Contact Telephone: (713) 777-5725
Plan Review Log No.: P-01182012-069
Montgomery County, Texas

CN600789705

RN102682804

Dear Mr. Manley:

On January 18, 2012, the Texas Commission on Environmental Quality (TCEQ) received planning material with your letter dated January 17, 2012, for the proposed distribution modifications to the above referenced public water system. Based on our review, the project generally meets the minimum requirements of the TCEQs Chapter 290 - Rules and Regulations for Public Water Systems and is **conditionally approved** for construction if the project plans and specifications meet the following requirements:

1. The system must maintain a minimum pressure of 35 pounds per square inch (psi) at all points within the distribution network at flow rates of at least 1.5 gallons per minute per connection. When the system is intended to provide fire fighting capability, it must also be designed to maintain a minimum pressure of 20 psi under combined fire and drinking water flow conditions in accordance with 30 Texas Administrative Code (TAC) §290.44(d).
2. The hydrostatic leakage rate for polyvinyl chloride (PVC) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in the American Water Works Association (AWWA) Standard C-605 as stated in 30 TAC §290.44(a)(5). The proper leakage formula for PVC pipe is $(L = NDP^{1/2}/7400)$.

Mr. Timothy D. Manley, P.E.

Page 2

March 19, 2012

3. All plastic pipe for use in public water systems must bear the NSF PW (potable water) Mark as required in 30 TAC §290.44(a)(2).
4. Any PVC waterlines crossing beneath sewer lines must be replaced with an 18 foot segment of ductile iron or steel waterline or be encased per TCEQ rule requirements. When a new waterline crosses under a wastewater main or lateral, the waterline shall be encased or made of ductile iron or steel with mechanical or welded joints. Both water and wastewater lines must pass pressure and leakage tests as specified in AWWA C600 standards as required in 30 TAC §290.44(e)(4)(B)(iv)(III).
5. New mains shall be thoroughly disinfected in accordance with AWWA Standard C651 and then flushed and sampled before being placed in service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure which shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed water line will be required or at the next available sampling point beyond 1,000 feet as designated by the design engineer as stated in 30 TAC §290.44(f)(3).

The submittal consisted of 12 sheets of engineering. The proposed project consists of:

- 1,705 linear feet (l.f.) of eight inch (8") AWWA C900 PVC waterline; and
- Related valves, fittings and miscellaneous appurtenances.

Proposed water treatment for the system will be provided by the Greenfield Forest public water supply system.

An appointed engineer must notify the TCEQ's Region Office 12 in Houston at (713) 767-3500 when construction will start. Upon completion of the water works project, the engineer or owner must notify the TCEQ's Water Supply Division, in writing, as to its completion and attest to the fact that the work has been completed essentially according to the plans and change orders on file with the TCEQ as required in 30 TAC §290.39(h)(3).

Please refer to the Utilities Technical Review Team's Log No. P-01182012-069 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on our website at the address shown below.

<http://www.tceq.texas.gov/utilities/planrev.html>

Mr. Timothy D. Manley, P.E.

Page 3

March 19, 2012

For future reference, you can review the Utilities Technical Review Team's database to see if we have received your project. This is available on the TCEQ's homepage at the following address:

<http://www.tceq.texas.gov/utilities/planrev.html#status>

You can download the construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

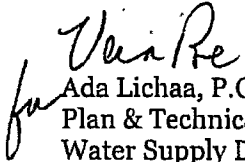
If you have any questions concerning this letter or would like further assistance, please contact Mrs. Teresa L. Rogers at (512) 239-1734 or by email at "teresa.rogers@tceq.texas.gov" or by correspondence at the following address:

Utilities Technical Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Sincerely,



Vera Poe, P.E., Team Leader
Utilities Technical Review Team, MC-159
Plan & Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Ada Lichaa, P.G., Manager
Plan & Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality

TLR/av

cc: Greenfield Forest: 1106 Clayton Ln Ste 400W Austin, TX 78723-2476
TCEQ Central Records PWS File 1700665
TCEQ Region No. 12 Office - Houston

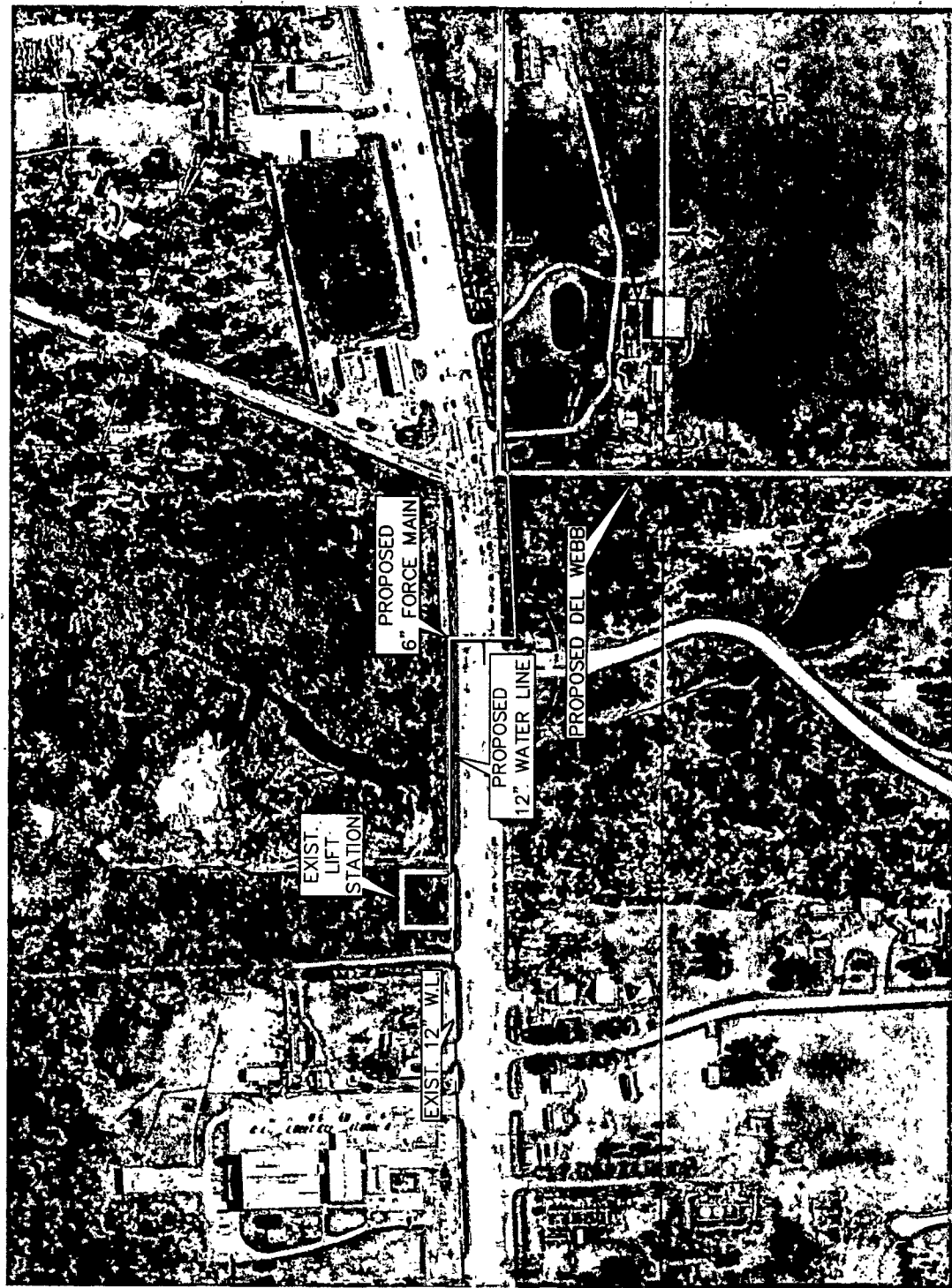


EXHIBIT
C

DEL WEBB
UTILITY EXTENSION

r.g.miller
engineers

16340 Park Ten Place
Suite 350
Houston, Texas 77084
(713) 461-9800

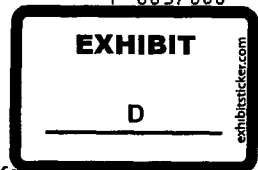
TEXAS FIRM REGISTRATION NO. F-487
DATE: JANUARY 2015 SCALE: N.T.S.

PUEWER000012

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



PWS_1700665_CO_20150630_Plan Log



Texas Commission on Environmental Quality
Protecting Texas by Reducing and Preventing Pollution

June 30, 2015

Mr. Timothy D. Manley, P.E.
Manley Engineering & Associates
9100 Southwest Freeway, Suite 251
Houston, Texas 77074-1524

Re: Greenfield Forest - Public Water System ID No. 1700665
Proposed Well No. 2
Engineer Contact Telephone: (713) 777-5725
Plan Review Log No. P-04242015-144
Montgomery County, Texas

CN600789705; RN102682804

Dear Mr. Manley:

On April 24, 2015, the Texas Commission of Environmental Quality (TCEQ) received your letter dated April 23, 2015 submitting planning material for the proposed Well No. 2 for the above referenced public water system. Additional planning material was received on May 12, 2015 via email. Based on the review of the information submitted, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 - Rules and Regulations for Public Water Systems and is **conditionally approved for construction** provided that the project meets the following requirements:

1. The space between the casing and drill hole shall be sealed by using enough cement under pressure to completely fill and seal the annular space between the casing and the drill hole. The well casing shall be cemented in this manner from the top of the shallowest formation to be developed to the earth's surface. The driller shall utilize a pressure cementation method in accordance with the American Water Works Association (AWWA) Standard for Water Wells (A100-06), Appendix C: Section C.2 (Positive Displacement Exterior Method); Section C.3 (Interior Method Without Plug); Section C.4 (Positive Placement, Interior Method, Drillable Plug); and Section C.5 (Placement Through Float Shoe Attached to Bottom of Casing) in accordance with 30 TAC Section 290.41(c)(3)(C).
2. Upon well completion, the well shall be disinfected in accordance with current AWWA standards for well disinfection except that the disinfectant shall remain in the well for at least six hours. Please revise your specification to indicate the above requirements.

An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (713) 767-3500 when construction will start.

Mr. Timothy D. Manley, P.E.
Page 2
June 30, 2015

Texas Water Code Section 36.0015 allows for the creation of groundwater conservation districts (GCD) as the preferred method of groundwater management. GCDs manage groundwater in many counties and are authorized to regulate production and spacing of water wells. **Public water systems drilling wells within an existing GCD are responsible for meeting the GCD requirements.** The authorization provided in this letter does not affect GCD authority to manage groundwater or issue permits.

The design engineer or water system representative must notify the Utilities Technical Review Team in writing by fax at (512)239-6972 or email at pritesh.tripathi@tceq.texas.gov and cc vera.poe@tceq.texas.gov at least 48 hours before the well casing pressure cementing begins. If pressure cementing begins on a Monday, they must give notification on the preceding Thursday. If pressure cementing begins on a Tuesday, they must give notification on the preceding Friday.

The TCEQ does not approve this well for use as a public water supply at this time. We have enclosed a copy of the "Public Well Completion Data Checklist for Interim Approval." We provide this checklist to help you obtain interim approval to use this well before we can give final approval.

The submittal consisted of three sheets of engineering drawings and technical specifications. The proposed project consists of:

- One public water supply well drilled to 755 feet with 680 linear feet (l.f.) of 10-inch outside diameter (o.d.) pressure-cemented steel casing;
- 55 l.f. of 8-inch stainless steel rod base screen, 20 l.f. of 8-inch o.d. blank stainless steel liner;
- The well is rated for 480 gallons per minute (gpm) yield with a 100 horsepower, submersible pump set at 495 feet below ground level. The design capacity of the pump is 480 gpm at 485 feet total dynamic head;
- All weather access road;
- Well sealing block; and
- Valves, fittings, yard piping, controls and related appurtenances.

This approval is for the construction of the above listed items only.

The Greenfield Forest public water system provides water treatment for the system.

Well No. 2 will be located at the existing water plant and will be approximately 120 feet south of the existing well No. 1

Please keep in mind that within 60 days of project completion the engineer must attest in writing that the project was constructed as described in the approved plans, specifications and any change orders filed with the TCEQ as required in 30 Texas TAC Section 290.39(h)(3).

Please refer to the Utilities Technical Review Team's Log No. P-04242015-144 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

Mr. Timothy D. Manley, P.E.
Page 3
June 30, 2015

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below.

<http://www.tccq.texas.gov/drinkingwater/planrev.html>

For future reference, you can review part of the Utilities Technical Review Team's database to see if we have received your project. This is available on the TCEQ's website at the following address:

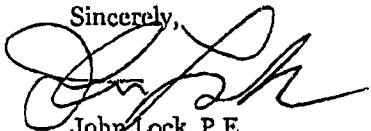
<http://www.tceq.texas.gov/utilities/planrev.html#status>

You can download most of the well construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

If you have any questions regarding this letter or need additional assistance, please contact Pritesh Tripathi at (512)239-3794 or by email at "pritesh.tripathi@tceq.texas.gov" or by correspondence at the following address:

Utilities Technical Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Sincerely,



John Lock, P.E.
Utilities Technical Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Vera Poc, P.E., Team Leader
Utilities Technical Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality

PT/JL/VP/av

Enclosure: "Public Well Completion Data Checklist for Interim Approval"

cc: Greenfield Forest - Lonnie Folcy, Region Manager, 2211 Louetta Road, Spring, Texas
77388

PUBLIC WELL COMPLETION DATA CHECKLIST FOR INTERIM APPROVAL

Texas Commission on Environmental Quality Public Water System I.D. No.: _____
 Water Supply Division TCEQ Log. No.: _____
 Util. Technical Review Team MC-159 Owner's Well Id No. or Name: _____
 P.O. Box 13087, Austin, Texas 78711-3087

Any well proposed as a source of water for a public water supply must have plans approved for construction by the TCEQ. Plans are reviewed for compliance with Rules and Regulations for Public Water Systems Title 30 TAC Chapter 290.38-290.49. After the well is drilled, the well completion data listed below must be submitted for TCEQ evaluation. Based on this submitted data, interim approval may be given for use of the well. Please include the TCEQ Log No. and owner's well name when submitting well completion information.

(Small print references in parentheses are Rules and Regulations for Public Water Systems Title 30 TAC Chapter 290.38-290.49)

1. ☐ Copies of ordinance or a recorded deed and map showing ownership and/or sanitary control easements as filed at the county courthouse (bearing the county clerk's stamp), covering all areas within 150 feet of the well owned by the system that will convey to others and neighboring tract not owned by the system (for a sample easement see 30 TAC 290.47(c), or contact the TCEQ Austin office or a Regional office.
(Section 290.41(c)(1)(F) of the rules.)
2. ☐ Construction data on the completed well, including:
 - ☐ Casing size, bore hole diameter (at least 3-in wider than casing OD), total well depth, casing material (e.g. steel, PVC-SDR17), casing length, and cementing depth and method (one of the methods in AWWA Standard A-100-(latest rev'n), Appendix. C, *excluding* the dump bailer and tremic methods);
 - ☐ Driller's geologic log of strata penetrated during drilling of the well;
 - ☐ Copy of the official State of Texas Well Report filled out by the water well driller (some of the preceding data is included on the Water Well Report form. (Section 290.41(c)(3)(A),(B),(C) & (G) of the rules.)
 - ☐ Cementing certificate (Railroad Commission or company format). (Section 290.41(c)(3)(A))
3. ☐ A U.S. Geological Survey 7.5-minute topographic quadrangle map (include quadrangle name and number), or a legible copy, with "cross-hairs" showing the location of the completed well. (Section 290.41(c)(3)(A) of the rules.) **ACCURACY:** All locations collected shall maintain a minimum level of accuracy of at least 25 meters (82 feet). TCEQ OPP 8.11.02)
4. ☐ Record of a 36 hour pump test on the well showing stable production at the well's rated capacity (Section 290.41(c)(3)(A) & (G) of the rules). Include the final well pump capacity in gpm and feet, l.d.h.
5. ☐ Three bacteriological analysis reports showing raw well water to be free of coliform bacterial contamination; reports must be for samples of raw (untreated) water from the disinfected well, collected on three successive days, and submitted to a laboratory certified or accredited by TCEQ. (Section 290.41(c)(3)(A) & (F) of the rules.)
6. ☐ Chemical analysis reports for well water samples showing the water to be of acceptable quality for at least, the most problematic contaminants listed below (Section 290.41(c)(3)(A) & (G) of the rules, and Section 290.104 and 290.105 of Drinking Water Standards). Reports must come from a certified or accredited laboratory for interim use of the well. Maximum contaminant level (MCL) and secondary contaminant level (SCL) units are in mg/l (except arsenic).

MCL	PRIMARY	SCL SECONDARY	SCL SECONDARY	SCL SECONDARY
10 (as N)	Nitrate	0.2 Aluminum	5.0 Zinc	300 Sulfate
1 (as N)	Nitrite	1.0 Copper	1,000 Total Dissolved Solids	300 Chloride
10 µg/l	Arsenic	0.3 Iron	2.0 Fluoride	≥7.0 pH
4.0	Fluoride	0.05 Manganese		
15	Gross alpha (pCi/liter)*			
5	Radium-226/228 (pCi/liter)*			
50	Beta particle (pCi/liter)*			
30	Uranium (µg/liter)* (WHERE: pCi/liter=pico curies per liter, µg/liter=micrograms per liter)			

EXHIBIT

E

PURVIS 000073



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



PWS_1700665_CO_20160722_Plan Ltr

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 22, 2016

Mr. Timothy D. Manley, P.E.
Manley Engineering and Associates
9100 Southwest Freeway, Suite 251
Houston, Texas 77074-1524

Re: Greenfield Forest - Public Water System ID No. 1700665
Proposed Water Plant Upgrade
Engineer Contact Telephone: (713) 777-5725
Plan Review Log No. P-05242016-156
Montgomery County, Texas

CN600789705; RN102682804

Dear Mr. Manley:

On May 24, 2016, the Texas Commission on Environmental Quality (TCEQ) received planning material with your letter dated May 15, 2016 for the proposed water plant upgrade for the above referenced public water system. Based on our review of the information submitted, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 - Rules and Regulations for Public Water Systems and is **conditionally approved for construction** if the project plans and specifications meet the following requirement:

Metal thickness for pressure tanks shall be sufficient to withstand the highest expected working pressures with a four to one factor of safety. Tanks of 1,000 gallons capacity or larger must meet the standards of the American Society of Mechanical Engineers (ASME) Section VIII, Division 1 Codes and Construction Regulations and must have an access port for periodic inspections. An ASME name plate must be permanently attached to those tanks. Tanks installed before July 1, 1988, are exempt from the ASME coding requirement, but all new installations must meet this regulation. Exempt tanks can be relocated within a system but cannot be relocated to another system as required in 30 TAC Section 290.43(d)(1).

The submittal consisted of 10 sheets of engineering drawings and technical specifications. The approved project consists of:

- One 239,000 gallon American Water Works Association D103 bolted steel ground storage tank;
- Replace existing pressure tanks with two 15,000 gallons each ASME Code hydropneumatic pressure tanks;
- Relocate existing two booster pump into the new pump building and add three 800 gallons per minute each closed couple, horizontal, end suction centrifugal water supply pumps with associated piping, valves and controls;
- Air compressor;

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

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PUEWTR000018

Mr. Timothy D. Manley, P.E.
Page 2
July 22, 2016

- Hypochlorination system with associated piping, valves and controls;
- One 150 kilowatt diesel powered standby generator and automatic transfer switch with associated appurtenances;
- All weather access road; and
- Various valves, fittings and related appurtenances.

This approval is for the construction of the above listed items only.

The Greenfield Forest public water supply system provides water treatment.

The project is located at the existing water plant site located at northeast of the intersection of Tory Ann Drive and Greenfield Forest Drive in Montgomery County, Texas.

An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (713) 767-3500 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance with the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-05242016-156 in all correspondence for this project.

Please Note: In order to determine if a new source of water or a new treatment process results in corrosive or aggressive finished water that may endanger human health, we are requesting additional sampling and analysis of lead, alkalinity (as calcium carbonate), calcium (as calcium carbonate) and sodium in addition to the required chemical test results for public water system new sources. We are requiring these additional sampling results as listed in our currently revised checklists (Public Well Completion Data Checklist for Interim Use - Step 2 and Membrane Use Checklist - Step 2) which can be found on TCEQ's website at the following address:

<https://www.tceq.texas.gov/drinkingwater/udpubs.html>

Please include these additional sampling results in well completion submittals, membrane use submittals, and other treatment process submittals.

New surface water sources will need to also include lead, total dissolved solids, pH, alkalinity (as calcium carbonate), chloride, sulfate, calcium (as calcium carbonate) and sodium with the analysis required in 30 TAC Section 290.41(e)(1)(F).

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

<https://www.tceq.texas.gov/drinkingwater/udpubs.html>

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

<https://www.tceq.texas.gov/drinkingwater/planrev.html/#status>

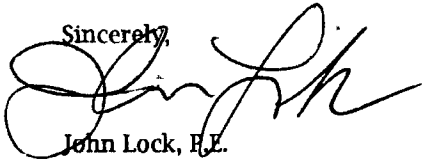
Mr. Timothy D. Manley, P.E.
Page 3
July 22, 2016

You can download the latest revision of 30 TAC Chapter 290 - Rules and Regulations for Public Water Systems from this site.

If you have any questions concerning this letter or need further assistance, please contact Kamal Adhikari at (512)239-0680 or by email at kamal.adhikari@tceq.texas.gov or by correspondence at the following address:

Plan Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Sincerely,



John Lock, P.E.
Plan Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Vera Poe, P.E., Team Leader
Plan Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality

VP/JL/KA/av

cc: Greenfield Forest - Attn: Water Utilities Official, 1106 Clayton Lane, Suite 400W, Austin, Texas 78723