



Control Number: 43403



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WATERENGINEERS, INC.

WATER & WASTEWATER TREATMENT CONSULTANTS

17230 HUFFMEISTER ROAD, SUITE A~CYPRESS, TEXAS 77429-1643

TEL: 281-373-0500 FAX: 281-373-1113

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2015 JAN -8 PM 12:10

PUBLIC UTILITY COMMISSION
FILING CLERK

January 7, 2015

Public Utility Commission of Texas
Central Records
1701 N. Congress, Suite 8-100
Austin, TX 78701

Re: Application from August Lakes Water Supply Corporation
to Obtain a New Water Certificate of Convenience and Necessity in Waller County, TX
Docket No. 43403

To Whom it May Concern:

Please accept the following in response to Order No. 3 – Finding Application Deficient and Requiring Filing Applicant and Memorandum from Elisabeth English, Water Utility Division – Docket No. 43403.

1. Please find attached a cd containing all of the digital data in shape files as well DWG files. We apologize for that original oversight.
2. The list of neighboring entities within 5-miles of the proposed water service area was included in the original application in Attachment K. However, for the sake of ease in processing the application, please find 10 copies attached.
3. Please find attached 10 copies of the plans and specifications approval letter from TCEQ for Log #P-07022014-011.
4. The applicant has filed for plat approval from the City of Houston since the subject area is in the City of Houston's ETJ. Applicant is currently waiting on approval and then will proceed with submission of the plat with Waller County.

Please feel free to contact me if you require any additional information or if you have any questions regarding this submittal.

Sincerely,
WATERENGINEERS, INC.

Shelley Young, P.E.
Project Engineer

Encl. – 10 copies of attachments

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ATTACHMENT K
FIVE MILE RADIUS
DISTRICTS, CCN HOLDERS AND AUTHORITIES

Cimarron MUD
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Fort Bend County MUD 37
c/o Johnson, Radcliffe, Petrov and Bobbitt, PLLC
1001 McKinney, Suite 1000
Houston, TX 77002

Fort Bend County MUD 151
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Fort Bend County MUD 161
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Fort Bend County MUD 199
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Fort Bend-Waller Counties MUD 2
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris County MUD 62
c/o Bacon & Wallace, LLP
6363 Woodway, Suite 800
Houston, TX 77057

Harris County MUD 63
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, TX 77024

Harris County MUD 64
c/o Smith, Murdaugh, Little & Bonham
1100 Louisiana, Suite 400
Houston, TX 77002

Harris County MUD 65
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, TX 77024

Harris County MUD 71
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris County MUD 287
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris County MUD 432
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, TX 77024

Harris County MUD 449
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris County MUD 457
Inactive - No address listed in IWUD

Harris County MUD 458
Inactive - No address listed in IWUD

Harris County MUD 465
c/o Coats, Rose, Yale, Ryman and Lee PC
3 Greenway Plaza, Suite 2000
Houston, TX 77046

Harris County MUD 495
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris County MUD 519
Inactive - No address listed in IWUD

Harris County MUD 520
Inactive - No address listed in IWUD

Harris Fort Bend Counties MUD 1
c/o Schwartz, Page & Harding LLP
1300 Post Oak Blvd., Suite 1400
Houston, TX 77056

Harris Fort Bend Counties MUD 3
c/o Schwartz, Page & Harding LLP
1300 Post Oak Blvd., Suite 1400
Houston, TX 77056

Harris Fort Bend Counties MUD 4
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Harris Waller Counties MUD 2
c/o Schwartz, Page & Harding LLP
1300 Post Oak Blvd., Suite 1400
Houston, TX 77056

Waller County MUD 9
Inactive - No address listed in IWUD

West Harris County MUD 2
c/o Bacon & Wallace, LLP
6363 Woodway, Suite 800
Houston, TX 77057

West Harris County MUD 5
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, TX 77024

Willow Creek Farms MUD
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Willow Point MUD
c/o Sandford, Kuhl, Hagan, Kugle, Parker, Kahn, LLP
1980 Post Oak Blvd., Suite 1380
Houston, TX 77056

Woodcreek Reserve MUD
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Westside Water LLC
1704 Avenue D
Katy, TX 77493
CCN No. 12942

Aqua Texas, Inc.
1106 Clayton Lane, Suite 400W
Austin, Texas 78723
CCN No. 13203

City of Katy
P.O. Box 617
Katy, TX 77449
CCN No. 11219

Katy-Hockley Corp.
1222 Antoine
Houston, TX 77055
CCN No. 12985

South Central Water Co.
P.O. Box 570177
Houston, TX 77257-0177
CCN No. 13061

Coastal Water Authority
13501 Aqueduct Road,
Houston, TX 77044

Gulf Coast Waste Disposal Authority
10860 Bay Area Blvd.
Pasadena, TX 77507

North Fort Bend Water Authority
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Port of Houston Authority
111 East Loop North
Houston, TX 77029

West Harris County Regional Water Authority
c/o Allen, Boone, Humphries, Robinson, LLP
3200 Southwest Freeway, Suite 2600
Houston, TX 77027

Waller County Engineer's Office
Attn: Orval Rhoads, P.E.
775 Business 290 East
Hempstead, TX 77445

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



PWS_2370114_CO_20141006_Plan Ltr

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution
October 6, 2014

Mr. D. Ray Young, P.E., Principal Engineer
Water Engineers, Inc.
17230 Huffmeister Road
Cypress, Texas 77429

Re: August Lakes Water System - Public Water System ID No. 2370114
Proposed Public Water System
Engineer Contact Telephone: (281) 373-0500
Plan Review Log No. P-07022014-011
Waller County, Texas

Dear Mr. Young:

On July 2, 2014, the Texas Commission of Environmental Quality (TCEQ) received planning material with your letter dated July 1, 2014 for the request for the proposed public water system. Based on our review the project generally meets the minimum requirements of the Title 30 Texas Administrative Code (TAC) Chapter 290 - Rules and Regulations for Public Water Systems (Rules) and is **conditionally approved for construction** if the project plans and specifications meet the following requirement(s):

1. On June 30, 2014, the Technical Review and Oversight Team (TROT) received an exception submittal for Sanitary Control Easement (SCE) for this project; please submit copies of the granting SCEs with the interim use submittal of wells.
2. Wellheads and pump bases shall be sealed by a gasket or sealing compound and properly vented to prevent the possibility of contaminating the well water as required by 30 TAC §290.41(c)(3)(K).
3. All community water systems shall comply with the requirements of 30 TAC §290.108 regarding radionuclide contaminants.
4. No area of the roof of a ground storage tank (GST) shall have a slope of less than 0.75 inch per foot as required by 30 TAC §290.41(c)(3).
5. All GSTs shall have a liquid level indicator located at the tank site as required by 30 TAC §290.41(c)(4).
6. All GSTs shall be thoroughly tight against leakage. All associated appurtenances including valves, pipes, and fittings shall be tight against leakage as required by 30 TAC §290.43(c)(6).
7. Pressure tank installations should be equipped with slow closing valves and time delay pump controls to eliminate water hammer and reduce the chance of tank failure as required by 30 TAC §290.43(d)(6).

8. All associated appurtenances including valves, pipes and fittings connected to pressure tanks shall be thoroughly tight against leakage as required by 30 TAC §290.43(d)(7).

An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (512) 767-3500 when construction will start.

Texas Water Code Section 36.0015 allows for the creation of groundwater conservation districts (GCD) as the preferred method of groundwater management. GCD's 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 is required to notify the Utilities Technical Review Team in writing by fax (512)239-6972 or email jose.castillo@tceq.texas.gov and cc: vera.poe@tceq.texas.gov at least 48 hours before the well casing pressure cementing begins. If pressure cementing is to begin on a Monday, then they must give notification on the preceding Thursday. If pressure cementing is to begin on Tuesday, then 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 in obtaining interim approval to use this well before we can give final approval.

The submittal consisted of 15 sheets of engineering drawings, technical specifications and an engineering summary. This approval does not include any water distribution lines. The two wells are located in the same groundwater treatment site. A new application for a Certificate of Convenience & Necessity (CCN) for this project has been submitted to the Utilities Financial Review Team on August 21, 2014.

The proposed project consists of:

The well items for **Well-1**

- Well No. 1 is a public water supply well drilled to 500 feet with 460 linear feet (lf) of 5-inch outside diameter (o.d.) Standard Dimension Ratios (SDR)-17 polyvinyl chloride (PVC) pipe casing and pressure-cemented 460 lf;
- 30 lf of 3-inch diameter stainless steel screen and 40 lf of 3-inch diameter steel blank liner overlapping the main casing;
- The Well No. 1 is rated for 65 gallons per minute (gpm) yield with a 7.5-horsepower (hp) motor size, submersible pump set at 315 feet deep. The design capacity of the pump is 65 gpm and a total dynamic head (TDH) of 280 feet;

The well items for **Well-2**

- Well No. 2 is a public water supply well drilled to 500 feet with 460 lf of 5-inch o.d. SDR-17 PVC pipe casing and pressure-cemented 460 lf;

Mr. D. Ray Young, P.E.

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- 30 lf of 3-inch diameter stainless steel screen and 40 lf of 3-inch diameter steel blank liner overlapping the main casing;
- The Well No. 2 is rated for 65 gpm yield with a 7.5 hp motor size, submersible pump set at 315 feet deep. The design capacity of the pump is 65 gpm and a TDH of 280 feet;

Additional items in project:

- One (1) 29'-8½" diameter x 16'-1" height (83,000 gallons +/- working volume) bolted steel American Water Works Association (AWWA) Standard D103-09 GST;
- One (1) booster pump station with three (3) 170 gpm rate capacity (each) pumps and 150 feet of TDH;
- One (1) 2,957-gallon welded steel hydropneumatic tank ;
- One (1) chlorinator building;
- One (1) hypochlorination equipment with two (2) positive displacement metering pumps and a minimum capacity of 8.0 gallons per day, (1) 75-gallon bleach storage tank made of high density polyethylene (HDPE) inside a 100 gallon HDPE containment tank;
- One (1) polyphosphate equipment with two (2) positive displacement metering pumps and a minimum capacity of 2.3 gallons per day, (1) 40-gallon polyphosphate storage tank made of HDPE inside a 55 gallon HDPE containment tank;
- One (1) 40 Kilowatts (Kw) gas engine generator;
- Various valves, fittings, related appurtenances and all necessary yard piping.

This approval is for the construction of the above listed items only. Any additional components contained in this design were not considered.

The August Lakes Water System public water system provides water treatment for the system.

This proposed project is located in the southwest corner of Clay and Pitts Road in Waller County Texas.

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 Title 30 Texas Administrative Code §290.39(h)(3) of the Rules.

Please refer to the Utilities Technical Review Team's Log No. P-07022014-011 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

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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>

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 homepage on the Internet at the following address:

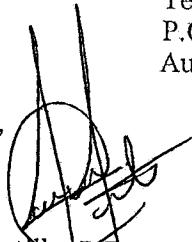
<http://www.tceq.texas.gov/utilities/planrev.html#status>

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.

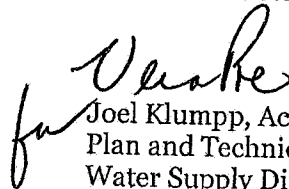
If you have any questions regarding this letter please contact Mr. Jose J. Castillo, P.E. at (512)239-4787 or by email at "jose.castillo@tceq.texas.gov" or by correspondence at the following address:

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

Sincerely,



Jose J. Castillo, P.E.
Utilities Technical Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality


Joel Klumpp, Acting Manager
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality

vp/jjc/av

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

cc: August Lakes Water System, Attn. Mr. Todd Fogelsong, 3310 Lakes of Katy Lane, Katy, Texas 77493

Mr. D. Ray Young, P.E.
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bcc: TCEQ Central Records PWS File 2370114
TCEQ Region No.12 Office Houston