

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF DRINKING WATER

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SPEEDY MEMORANDUM

TO: Mike Georgeson

FROM: Steve Onysko

DATE: October 18, 2002

SUBJECT: Plan Review: Emigration Improvement District Tank & Waterlines, Sys. #18143

On October 16, 2002, I prepared for your review a draft letter to Emigration Improvement District (E.I.D.) in which I concluded that the proposed 8" waterlines do not meet the minimum requirements of ***R309-510-9 Distribution System Sizing***:

R309-203-9. Distribution System Sizing.

(1) General Requirements.

The distribution system shall be designed to insure that a minimum of 20 psi exists at all points within the system during peak instantaneous demand conditions. If the distribution system is equipped with fire hydrants, the system shall be designed to insure that a minimum of 20 psi exists at all points within the system when needed fire flows are imposed upon the peak day demand flows of the system.

(4) Fire Flows.

(a) Distribution systems shall be designed to deliver needed fire flows if fire hydrants are provided. The design engineer shall consult with the local fire suppression authority regarding needed fire flows in the area under consideration ...

You have concluded that the design does meet the requirements of ***R309-510-9 Distribution System Sizing*** principally on the basis of a letter from Salt Lake County Fire Marshall, Rand Andrus, dated October 7, 2002, in which he states:

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According to Carollo [Engineers, Inc.] all homes in the area would have fire flow of at least 1,300 g.p.m. with a residual of 20 psi with this one home that is over 3,600 square feet being covered with 1,500 g.p.m. The fire department feels that with the installation of an eight-inch line, the system would be in compliance with the State of Utah and Salt Lake County regulations concerning the fire codes.

Rand Andrus, Fire Marshall, Salt Lake County

In my opinion, the Fire Marshall clearly implies that if the Carollo Engineers' representations are assumed to be accurate, then the subject project is in compliance. If you have inferred that the Fire Marshall has reviewed or verified the Carollo Engineers' representations, then your understanding of the situation is different from mine.

My application of engineering principles to review of the Carollo Engineers' representations leads me to a conclusion different from yours. That is, I remain unconvinced that the 8" waterline design complies with **R309-510-9 Distribution System Sizing**. I also remain unconvinced that the 8" waterline design will not result in danger to the public in the event of a fire emergency in the Emigration Improvement District.

I will not jeopardize my Utah Professional Engineer license by preparing an approval letter for the subject project under these circumstances. If you believe that approval of the subject project is appropriate, you will have to assign the task of approval letter preparation to someone other than myself.

The record of the subject project shows that the consultant, Carollo Engineers, has stridently protested my repeated recommendations that the 8" waterlines be upgraded to 10" waterlines at a cost that I have estimated to be \$119,000. The record also shows that I have concluded that the design storage tank capacity of 1 million gallons is preposterously oversized beyond the 300,000 gallon capacity that would fulfill the requirements of **R309-545-5 Size of Tank(s)** and **R309-510-8 Storage Sizing**. The consultant's refusal to consider the \$500,000 cost savings associated with construction of a more appropriately sized tank – an amount more than four times that necessary to upsize the 8" waterlines to 10" – defies all logic. Also, the Safe Drinking Water Act Amendments of 1996 prohibit the use of State Revolving Fund (SRF) monies for construction of water system infrastructure for future growth.

I previously communicated to you that an allegation has been made by a citizen of the Emigration Improvement District that there is a secret agenda to construct excess water storage capacity in Emigration Canyon. This is allegedly for the benefit of developers who wish to promote growth in the Canyon. I have no opinion on this allegation but I am certainly curious over the construction of a 1 million gallon storage tank that would provide E.I.D. with the water storage capacity sufficient to double its present number of service connections in the Canyon.

UTAH DIVISION OF DRINKING WATER
REQUEST FOR PUBLIC INFORMATION

Information from the Division of Drinking Water (DDW) is available under the provisions of the Utah Government Records Access Management Act (GRAMA). To initiate a request for information this form must be completed and signed. If you require DDW services to answer your request, a fee may be charged in accordance with the Utah Department of Environmental Quality's fee schedule (described below). This form must be completed even if it is anticipated that no fee will be charged for DDW services.

A.) REQUESTER INFORMATION

NAME OF REQUESTER: Steven Onysko, P.E. COMPANY NAME: N/A

ADDRESS: [REDACTED]

CITY, STATE, ZIP CODE: [REDACTED]

DAYTIME TELEPHONE: [REDACTED] FAX: [REDACTED] DATE: 6-23-15

E-MAIL ADDRESS: [REDACTED]

B.) INFORMATION SOUGHT

In accordance with the Governmental Records Access Management Act, I am requesting:

- to view public records (in person)
 to copy public records
 a database search (electronic output)
 a database search (hard-copy output)

The information being sought is as follows, include date ranges if applicable:

October 18, 2002: Memo, Onysko to Georgeson, Subject: Plan Review: Emigration Improvement District Tank & Waterlines, Sys. #18143

DR_WATER (\\EQVMMFS03sp\SHARED)\Engineering\Staff\Sonysko\Plans\EID\SpeedMem_Georgeson_EID.pdf (2 pp.)

If electronic information is sought, what filetype do you prefer? (i.e. Excel, Access, Quattro Pro, Word, WordPerfect, ESRI shapefile, delimited ASCII, etc.) PDF

C.) INFORMATION ON FEES

The following fees will apply:

- * Copying 5 cents per single-sided copy after first 10 copies (if requestor makes copies)
25 cents per single-sided copy after first 10 copies (if DDW staff makes copies)
- * Investigation by staff engineers or scientists
There is no charge for an investigation which takes 15 minutes or less.
Investigations taking over 15 minutes are \$30/hr. This hourly rate goes into effect when the investigation commences.
- * Database Searches
There is no charge for an investigation which takes 15 minutes or less.
Investigations taking over 15 minutes are \$70/hr. This hourly rate goes into effect when the investigation commences.
- * Scanning/e-mail/CD
25 cents per single-sided page scanned and e-mailed/CD.
\$10.00 per CD. This must be paid before receiving the CD.

***DDW has 10 working days to respond to requestor about information requested. This time starts when request has reached the right personnel for the requested files.

D.) STAFF ESTIMATE OF FEE AND DELIVERY DATE:

Cost estimate made by: _____ (DDW staff member name)
Estimated cost: \$0.00 (2 pp.) (if there is no charge, enter NC)
Anticipated delivery date: 06-23-15

RECEIVED
JUN 25 2015
Drinking Water

E.) SENSITIVE INFORMATION AND DISCLAIMER

Facility location data, source protection zones, water system inventory information and/or monitoring schedules are considered sensitive for security purposes. Any government agency that releases any part of this information is required to follow the procedures set forth in Utah Government Records Access and Management Act (Title 63, Chapter 2 of the Utah Code).

In the Division of Drinking Water we strive to maintain and provide accurate and complete data; however, the Utah Division of Drinking Water provides no warranty nor accepts any responsibility or liability for inaccurate or incomplete data.

F.) REQUESTER SIGNATURE

Please sign where appropriate.

* DDW staff has informed me that my request will not be subject to a fee. I have read and understand the SENSITIVE INFORMATION AND DISCLAIMER shown above in Item E.

Signature: Steven Dingsko

*My request will be subject to a fee, as estimated in Item D, above. I understand that payment must be made prior to receiving the requested information. Furthermore, I have read and understand the SENSITIVE INFORMATION AND DISCLAIMER shown above in Item E.

Signature: _____

G) MAILING OR FAXING INSTRUCTIONS:

If you need to mail this completed form to DDW, please use the following address -

GRAMA Coordinator
Division of Drinking Water
P.O. Box 144830
Salt Lake City, UT 84114-4830
Fax: (801) 536-4211

H.) PAYMENT INSTRUCTIONS

Payment must be made prior to receiving the requested information.

Please make checks payable to the Division of Drinking Water. Payment can be mailed to the above address. At this time we cannot accept credit or debit cards, and cash payments must be made in the exact amount only.

For Staff Use:

Staff Performing Work:	<u>Melissa Cooper</u>		
Information Transmitted on:	<u>6/25/15</u>	Transmission Method:	<u>hand delivery</u>
Fee Amount or N/C:	<u>N/C</u>	Date Fee Received:	<u>—</u>
Notified requester that records are not maintained by this agency: _____			
Extraordinary circumstances requires extension time to: _____			
Notified requester of extension: _____			
Staff Signature:	<u>Melissa Cooper</u>		

11/19/07

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